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Annexure I

"Ethics Committee"
(Reg. No. ECR/483/Inst/UK/2013/RR-16)

SRHU/HIMS/ETHICS/2019/*16*   Dated: 15.03.2019
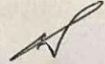
"Ethics Committee"
(Registration No. : ECR/483/Inst/UK/ 2013/RR-16, Dt. 23.8.2017)

The Ethics committee in its meeting held on 11.3.2019 approved the Research Project entitled:

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

Submitted by Principal investigator, Ms. Neeti Shrama, PhD Scholar, Batch July 2017 Deptt. of Faculty of Nursing, Himalayan College of Nursing, Swami Rama Himalayan University.

Dt: 15.3.2019

Dr. D.C. Dhasmana
Member Secretary,
Ethics Committee

Annexure II

To

      The Chief Medical Officer
      Regional Hospital ,
      Solan.(H.P)

Subject – Regarding permission to conduct research.

Sir,

I am Neeti Sharma, Associate Professor, Child Health Nursing(MLM College of Nursing) and PhD scholar in Swami Rama Himalayan University, Dehradoon batch 2017 have a study related to vaccination. My research statement is

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

The study shall be conducted in two phases. The first phase consists of focused group discussion with the caregivers. Thereafter a need based interventional tool shall be prepared and administered on the primary caregivers of children visiting immunization room. Follow up shall be done up to one year (until 9 months of child's age).

The study doesn't involve any risk to the subjects and is aimed at improving the awareness and self -efficiency of parents. Anonymity and confidentiality of the subjects shall be maintained.

Sir, I request your permission for the conduction of study at CH,Kandaghat, CHC, Dharampur and Regional Hospital,Solan.

Neeti

Neeti Sharma

PhD scholar

SRHU, Jollygrant Dehradoon.UK

Address – 170/9 Sharma Niwas, Tank Road

Solan . pin 173212

Contact number 8628089691

Annexure III

No.HFW-H(VI)B(15)17/2019
Health & Family Welfare department
Himachal Pradesh

To

The Chief Medical Officer
Solan District, Solan
Himachal Pradesh

Dated Shimla-9 the :

Subject: - Regarding permission to conduct research study.

Memorandum,

Reference your letter number HFW/SLN/Gen/2018-11202-03 on the above subject.

In this connection, Smt. Neeti Sharma, Ph.D Scholar, Swami Ram Himalyan University Dehradoon, is allowed to conduct a study to develop and evaluate the effectiveness of need based interventional package on awareness and self efficiency of primary caregivers of children undergoing primary immunization in vaccination room at MCH Centre, Regional Hospital, Solan, CHC Dharampur and Ch Kandaghat subject to the condition that the ethical issues are kept in mind and on the completion of the study the final findings are to be provided/submitted to the undersigned.

Director Health Services
Himachal Pradesh

Endto NO HFW/SLN/Gen/18. 12840 Dated 31/7/19
Copy for information and further nes compliance to the
1 The Sr.M.S. RH. Solan. ② The M.O. Ic CH Kandaghat and
the M.O. Ic CH Dharampur.
③ Smt. Neeti sharma, Resident of 170/9 sharma niwas,
Danta Road solan.
Eom ID:- sharmaneeti8509@gmail.com

Chief Medical Officer
solan, Distt. Solan

A- 3

Annexure IV

List of validators for tool validation

1. Dr.Kamli Prakash, Professor,
   H.C. N. SRHU, U.K
2. Dr.Raman Kalia, Principal,
   Saraswati Nursing College, Kurali.Panjab
3. Dr.Krishna Chauhan, Principal,
   Shimla Nursing College. Shimla, H.P
4. Dr.Veena Ranaut, Professor
   S.L.B.S Govt Nursing college.Mandi, H.P
5. Dr. Ruchi Juyal , Professor,
   Dept of community medicine, SRHU, U.K.
6. Dr,Achala D. Gaikwad, Professor,,
   H. C. N. SRHU, U.K
7. Dr.Sapna Singh, Professor
   Narayan Nursing College, Rohtas Bihar.

Annexure V

CONTENT VALIDATION CERTIFICATE

I hereby certify that I have validated the tool of Mrs. Neeti Sharma, PhD scholar of SRHU , who is undertaking the following study:

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

Place: Kurali

Signature of the validator 13/2/2020

Dr. Ramaio Kalia
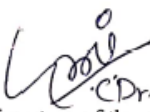
Designation and Address
Principal
Saraswati Nursing Institute
Kurali-Morinda Road
VIII. Dhia. ... ...a (Roopnagar)

A- 6

CONTENT VALIDATION CERTIFICATE

I hereby certify that I have validated the tool of Mrs. Neeti Sharma, PhD scholar of SRHU , who is undertaking the following study:

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

Place: Shimla

(Dr. KRISHNA CHAUHAN)
Signature of the validator

Professor Cum-Principal
Shimla Nursing College, Shimla
Designation and Address

CONTENT VALIDATION CERTIFICATE

I hereby certify that I have validated the tool of Mrs. Neeti Sharma, PhD scholar of SRHU , who is undertaking the following study:

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

Place: MANDI

Signature of the validator

DR. VEENA RANAUT

Designation and Address

Senior faculty
S-C. BS GNC.
Nec chowk, mandi HP

CONTENT VALIDATION CERTIFICATE

I hereby certify that I have validated the tool of Mrs. Neeti Sharma, PhD scholar of SRHU , who is undertaking the following study:

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

Signature of the validator

Place: Dehradun .

Designation and Address

Professor,
Deptt of comm. Medicine
HIMS, Swami Ram
Himalayan University
Dowrale, Dehradun .

CONTENT VALIDATION CERTIFICATE

I hereby certify that I have validated the tool of Mrs. Neeti Sharma, PhD scholar of SRHU , who is undertaking the following study:

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

Signature of the validator

Place: Jolly Grant, Dehradun

Designation and Address

Dr. Achla Dagdu Gaikwad
Associate Professor,
Himalayan College of Nursing.
Jolly Grant, Dehradun.

CONTENT VALIDATION CERTIFICATE

I hereby certify that I have validated the tool of Mrs. Neeti Sharma, PhD scholar of SRHU ,who is undertaking the following study:

"A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities."

Prof. Dr. Sapna Singh
Signature of the validator

Place: ROHTAS, BIHAR

Designation and Address
Professor
Narayan Nursing College
Gopal Narayan Singh University
Rohtas, Bihar.

Dr. Sapna
Professor, Dept. of Paediatric Nursing
Narayan Nursing College
Faculty of Nursing
Gopal Narayan Singh University
Jamuhar, Rohtas, Bihar-821305

Annexure VI

Consent form for participants of Focus group discussion

I, Mrs--------------- aged -------- fully understand the details of this research study titled "A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities." To be conducted by Neeti Sharma, PhD Scholar (SRHU, Dehradun, U.K)

I have been explained about the study in a language understandable to me .I also understand that my participation is voluntary and I can withdraw any time from the study. I also understand that the participation involves audio and video recording which will be strictly for research purpose. I have been assured that confidentiality of the information and anonymity shall be maintained. I accord my consent for participation in this study voluntarily and without any threat/pressure..

Name --------------------------

Signature ----------------------

Date ---------------------------

Consent form for participants (Phase II)

I, Mrs--------------- aged -------- fully understand the details of this research study titled "A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self -efficiency of primary caregivers in care of children during primary immunizations in selected health facilities." to be conducted by Neeti Sharma, PhD Scholar (SRHU, Dehradun, U.K)

 I have been explained about the study in a language understandable to me .I also understand that my participation is voluntary and I can withdraw any time from the study. I also understand that the participation involves collection of information for a long time which will be used strictly for research purpose. I have been assured that confidentiality of the information and anonymity shall be maintained. I accord my consent for participation in this study voluntarily and without any threat/pressure.

Name --------------------------

Signature ----------------------

Date ---------------------------

फोकस समूह चर्चा के प्रतिभागियों के लिए सहमति प्रपत्र

मैं, श्रीमती --------------- आयु-------- इस शोध अध्ययन के विवरण को पूरी तरह से समझती हूं, जिसका शीर्षक है- जरूरत के आधार पर प्रभाव का विकास और मूल्यांकन करने के लिए एक अध्ययन। , चयनित स्वास्थ्य सुविधाओं में प्राथमिक टीकाकरण के दौरान बच्चों की देखभाल में जागरूकता और स्वयं की देखभाल की आत्म दक्षता पर इंटरवेंशनल पैकेज। "नीती शर्मा, पीएचडी स्कॉलर (SRHU, देहरादून, यूके) द्वारा संचालित किया जाना है।

मुझे समझ में आने वाली भाषा में अध्ययन के बारे में समझाया गया है। मैं यह भी समझता हूं कि मेरी भागीदारी स्वैच्छिक है और मैं अध्ययन से किसी भी समय वापस ले सकता हूं। मैं यह भी समझ हूं कि भागीदारी में ऑडियो और वीडियो रिकॉर्डिंग शामिल है जिसका उपयोग विशुद्ध रूप से अनुसंधान के उद्देश्य के लिए किया जाएगा।। मुझे आश्वासन दिया गया है कि जानकारी और गुमनामी की गोपनीयता बनाए रखी जाएगी। मैं स्वेच्छा से और बिना किसी खतरे / दबाव के इस अध्ययन में भाग लेने के लिए अपनी सहमति देता हूं।

नाम --------------------------

हस्ताक्षर ----------------------

दिनांक ---------------------------

प्रतिभागियों के लिए सहमति प्रपत्र चरण(2)

मैं, श्रीमती --------------- आयु------- इस शोध अध्ययन के विवरण को पूरी तरह से समझती हूं, जिसका

शीर्षक है- जरूरत के आधार पर प्रभाव का विकास और मूल्यांकन करने के लिए एक अध्ययन। , चयनित

स्वास्थ्य सुविधाओं में प्राथमिक टीकाकरण के दौरान बच्चों की देखभाल में जागरूकता और स्वयं की

देखभाल की आत्म दक्षता पर इंटरवेंशनल पैकेज। "नीती शर्मा, पीएचडी स्कॉलर (एसआरएचयू, देहरादून,

यूके) द्वारा संचालित किया जाना है।

मुझे समझ में आने वाली भाषा में अध्ययन के बारे में समझाया गया है। मैं यह भी समझती हूं कि मेरी

भागीदारी स्वैच्छिक है और मैं अध्ययन से किसी भी समय वापस ले सकती हूं। । मुझे आश्वासन दिया

गया है कि जानकारी और गुमनामी की गोपनीयता बनाए रखी जाएगी। मैं स्वेच्छा से और बिना किसी

खतरे / दबाव के इस अध्ययन में भाग लेने के लिए अपनी सहमति देती हूं।

नाम ---------------------------

हस्ताक्षर ----------------------

दिनांक ---------------------------

Annexure VII

CONTENT OF NEED BASED TOOL REGARDING HOME BASED MANGEMENT OF CHILDREN DURING PRIMARY IMMUNZATIONS

Content outline

1. Importance

2. Immunization schedule

3. Vaccine related information

4. Minor problems associated with vaccination

5. Pain management during administration

6. Home management of vaccine related problems

7. Identifying sick conditions in which child can be immunized.

8. Identification of severe and allergic reaction to vaccination.

<u>**IMPORTANCE**</u>

Immunization protects the child from various infections and diseases that occur especially during first five years of life . It starts at birth and is continued till 16 years of age.

- It helps build up immunity in the body by helping in the formation of protective proteins(antibodies) in the body against the agent injected.
- Vaccines need to be administered at the specified age as have highest efficacy at that particular age and the immunity induced is affected if not given at that time.

 Information regarding immunization can be received from the ASHA, aanganwadi worker, nurses and pediatricians.

<u>**Immunization Schedule**</u>

| Age at which to be given	Name of vaccine
Birth to 2 weeks	BCG, OPV-0, Hep B
6-8 weeks	OPV-1,Pentavalent-1 (DPT+HepB+HiB), RV-1 ,PCV-1,fIPV-1
10-12 weeks	OPV-2,Pentavalent -2, RV-2
14-16 weeks	OPV-3, Pentavalent-3,RV-3,PCV-2, fIPV-2
9 months	MR-1,Vit A,PCV booster
16-24 months	MR-2, DPT booster , OPV booster
5-6 years	DPT booster
10 & 16 years	Td

Vaccine related information

- **BCG**- must be the first vaccine to be given at birth or upto 2 weeks after birth and even upto one year. It gives protection against tuberculosis. It is given over left upper arm and is marked by formation of a scar tissue over next few weeks.

- **OPV-** is given orally to prevent polio. It is given at birth along with BCG and is given till the age of 5 years. The child can be fed before and after OPV administration but if he vomits immediately after getting OPV drops readminstration of drops must still be done .

- **Hep B-** is given at birth(within 24 hrs) along with BCG and OPV. It is given to prevent Hepatitis B a condition that affects liver and makes it weak. Every child must complete 3 doses of Hep B vaccine by age of 6 months.

- **Pentavalent -** injection includes DPT, HiB and Hep B, is administered on left thigh. This vaccine gives protection against 5 problems, namely diptheria, pertussis , tetanus, influenza and hepatitis.Three doses of pentavalent are important for every child to receive during first year of life.

- **Rotavirus –** is administered orally to prevent rotavirus induced diarrhea.

- **PCV** (pneumococcal conjugate vaccine) injection prevents respiratory infections caused by bacteria.

- **fIPV –** injection prevents polio. It is injected intradermally on the right upper arm to form a bleb over the skin. Unlike BCG vaccine a scar doesn't develop over the site.

- **Measles&rubella – injection** prevents measles and rubella which are known to cause symptoms related to airways, skin rashes and fever.

Minor problems associated with vaccines

Minor problems occur frequently and are associated with almost all vaccines. These includes local problems and systemic problems. Local reactions are pain, swelling, redness . These can be managed at home.

- **BCG** -A scar formation occurs after BCG administration . Even if the scar doesn't form it is not necessary to revaccinate the child. Common local reactions include pain, swelling and redness. Severe problems occur in few children like swelling of the lymph node near axilla, a big abscess on the site or infection in the injection site. In case of severe problems the child needs to be taken to a doctor for further evaluation.

  The local reaction starts around 2 weeks passes over several stages and heals over 4-6 weeks leaving behind a scar.

Primary Vaccination Site Reaction

Day 4

Day 7

Day 14

Day 21
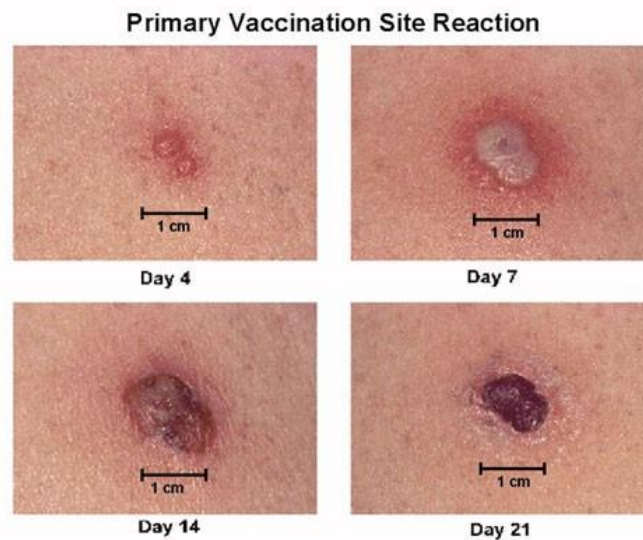
- **OPV**- Rarely weakness of the limbs may occur afterwards and must immediately be reported to the doctor.
- **Pentavalent-** Its Local reaction includes pain ,redness and swelling at injection site. Most babies also get fever that starts on the day of injection and lasts for around 3 days.   Other problems include increased fussiness, refusal to feed, persistent crying , irritability , malaise, vomiting and drowsiness. Convulsion and persistent crying must always be reported to the doctor.
- **Rotavirus-** There are no serious side effects as such but mild fever, irritability and diarrhea may occur.

- **PCV** -It may cause decreased appetite, raised temperature ($> 38^{o}$C), irritability, redness and swelling at the site of the injection, malaise, feeling sleepy or not sleeping well.
- F**IPV-** Mild local reactions like redness, swelling and hardening over skin occurs. Serious reactions include high fever, vomiting, excessive crying, poor appetite and diarrhea.
- **MR** vaccine cause problems like redness swelling, fever, malaise, irritability etc.

Pain management during administration

Pain cannot be avoided and will happen but the intensity can be reduced by following the under mentioned steps/methods.

1. Breastfeeding - breastfeeding distracts the baby from pain. Allow the baby to breastfeed 2 minutes before and continued until 1 minute after the procedure.
2. Facilitated tucking- wrap the baby in a sheet allowing the limbs to be tucked together except the site where the injection is to be given.

Management of vaccine related problems

BCG scar

- Keep the site clean and dry. Small amount of pus formed at the site may be cleaned with a boiled cool swab.
- Don't apply any ointment over the site or bandage it. Don't try to express pus.
- Even if the scar is not formed it is not necessary to revaccinate the child.
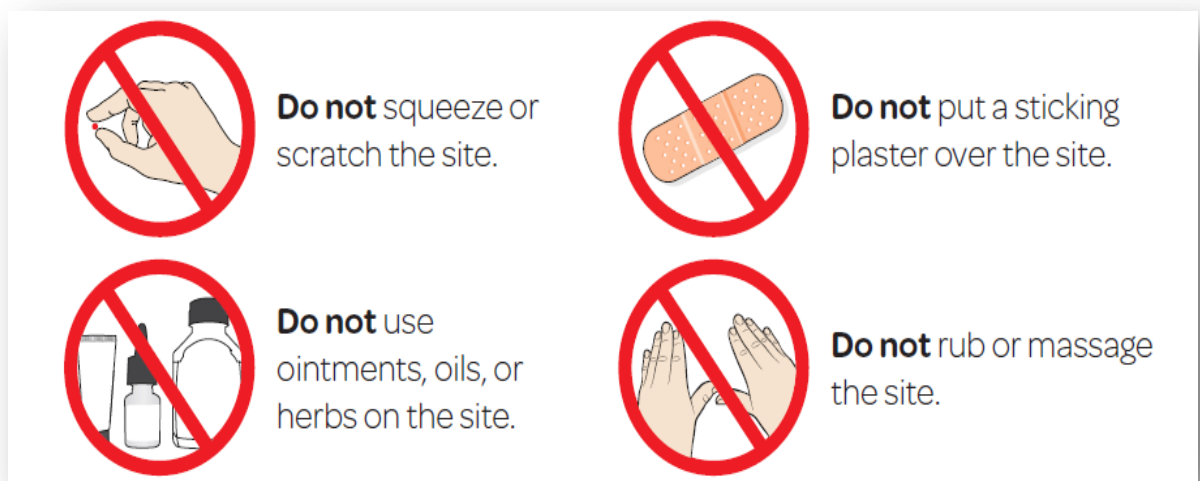
Fever - febrile condition in the baby starts on the day of immunization and remains for 48-72 hrs. The severity may range from mild, moderate to high grade fever. The child is said to be febrile if the temp is more than $38^{o}C$

- Tepid sponge or bath can be given.
- Give more fluids in case of older children and frequent breastfeeds for young infants.
- Paracetamol is the most commonly used drug. The dose can be repeated after a gap of 6 hrs (minimum of 4 hrs).The total number of doses must not exceed 4 in 24 hrs.
- The medicine must not be used for more than 3 days.
- If the fever persists for more than 3 days the doctor must be consulted.

Pain ,swelling redness - Swelling and redness occurs to more extended area around the injection site. It starts on the day of administration increases by second day and starts reducing by third day.

- Apply a cool wet clean cloth over the area. An ice pack covered with clean cloth can also be applied.
- Do not apply hot/warm moist cloth/water as it can increase the redness and pain.
- Do not massage the area with any oil, vicks or any irritating or pungent ointment as it can result in infection.
- Restrict the movement of the affected limb by tucking the baby's legs/arms.
- Handle the affected part gently.
- If the area of redness increase over next 24 hrs, or there is local suppuration contact the physician or nurse.

Irritability, drowsiness and refusal to feed-

- Irritability occurs due to pain and fever. Giving Paracetamol would reduce pain and fever.
- Try relieving the pressure on the sore site by changing position of breastfeeding.
- If the baby feeds for a while and then sleeps or is irritated, try feeding more often and for a longer time.
- Reduce distraction, use dim light and minimize noise in the environment to let the baby feel comforted

The child may still be vaccinated if he or she has:

- A low-grade fever (less than 101 degrees)
- A cold, runny nose, or cough
- Ear infection (otitis media)
- Mild diarrhea
- Child getting antibiotics for minor illness

Severe/allergic signs that need to be reported to either physician/ nurse/health worker

The child and the parent is asked to wait in the hospital for atleast 30 min after injection so that any allergic event if happens can be tackled. Symptoms may occur within 3o min and event recur after 8-12 hrs of first appearance of symptoms.

Mild early signs are Itching of the skin, rash and swelling around injection site. Dizziness, general feeling of warmth. Painless swellings in parts of the body e.g. face or mouth. Flushed, itching skin, nasal congestion, sneezing, tears. Hoarseness, nausea, vomiting.

Late life-threatening symptoms are Swelling in the throat, difficult breathing, abdominal pain. Wheezing, noisy and difficult breathing, collapse, low blood pressure, irregular weak pulse.

Other serious problems associated with immunization are

- Fever lasting more than 3 days or convulsion with fever.
- Increasing redness , pain, swelling or hardening over the injection site.
- Persistently crying baby
- Weakness of any limb.
- In case there is swelling and tenderness in the armpit or the site of injection doesn't heal

टीकाकरण से संबंधित जानकारी और टीकाकरण से संबंधित समस्याओं का घरेलू प्रबंधन

टीकाकरण का महत्व

टीकाकरण बच्चे को विभिन्न संक्रमणों और बीमारियों से बचाता है जो विशेष रूप से जीवन के पहले पांच वर्षों के दौरान और उसके बाद भी होते हैं। यह जन्म से शुरू होता है और 16 साल की उम्र तक जारी रहता है। यह बच्चों की कई संक्रामक स्थिति को रोकने के लिए किया जाता है जो 5 वर्ष तक के बच्चों में महत्वपूर्ण रुग्णता और मृत्यु दर में योगदान करते हैं। डब्लूएचओ के अनुसार, वैश्विक स्तर पर टीकाकरण बच्चों में एक वर्ष में होने वाली 2-3 मिलियन मौतों को रोकता है, जो टीके से संबंधित बीमारियों से होने वाली 1.5 मिलियन मौतों के कारण होती हैं। भारत की बात करें, तो कई क्षेत्रों में अभी भी कम टीकाकरण कवरेज (<80%) और लगभग 5 लाख मौतें (डिप्थीरिया, खसरा, पर्टुसिस, रूबेला के कारण) बच्चों में प्रति वर्ष अभी भी टीकाकरण की कमी के कारण होती हैं। कम कवरेज के लिए पहचाने जाने वाले कई अवरोधों में से एक है गलत देखभाल करने वाले, टीकाकरण से होने वाले दुष्प्रभाव की आशंका और कमी का डर। इसलिए यह महत्वपूर्ण है कि प्रत्येक बच्चे को मूल टीकों को प्राप्त करने में मदद करनी चाहिए ताकि वे घातक बीमारियों से बचाव कर सकें।

- यह शरीर में प्रतिरक्षा प्रोटीन (एंटीबॉडी) के निर्माण में मदद करता है ताकि इंजेक्शन वाले एजेंट के खिलाफ शरीर में प्रतिरोधक क्षमता का निर्माण किया जा सके.

- निर्धारित उम्र में टीके लगवाने की जरूरत है क्योंकि उस विशेष उम्र में सबसे अधिक प्रभावकारिता होती है और उस समय नहीं दिए जाने पर प्रेरित प्रतिरक्षा प्रभावित होती है।

   टीकाकरण से संबंधित जानकारी आशा, आंगनवाड़ी कार्यकर्ता, नर्स और बाल रोग विशेषज्ञों से प्राप्त की जा सकती है।

सामान्य वैक्सीन निवारक रोग- 5 वर्ष से कम आयु के बच्चों में होने वाले सामान्य संक्रमण इस प्रकार हैं

• **तपेदिक -** एक जीवाणु संक्रमण है जो फेफड़ों को संक्रमित करता है। कम उम्र अधिक संक्रमण की संभावना है। कुपोषित बच्चों में और जो टीबी से पीड़ित हैं, उनमें यह बीमारी अधिक आम है। यह अन्य अंगों जैसे आंतों, तंत्रिका तंत्र, हड्डियों आदि को भी प्रभावित कर सकता है। एक बार संक्रमित होने पर उपचार की अवधि एक वर्ष तक हो सकती है।

• **पोलियो -** एक वायरल संक्रमण है जो दूषित भोजन या पानी के कारण होता है। संक्रमण केवल मनुष्यों में फैलता है और अंगों के स्थायी पक्षाघात का कारण बनता है और तंत्रिकाओं को नुकसान पहुंचाता है। बच्चे को जीवन के लिए चलने के लिए बैसाखी की आवश्यकता हो सकती है। पोलियो और इसके प्रसार को रोकने के लिए राष्ट्रीय टीकाकरण दिवस पर टीकाकरण प्राप्त करने के लिए पांच वर्ष तक के सभी बच्चों को प्राप्त करना महत्वपूर्ण है।

• **डिप्थीरिया (गलघोंटू) -** एक जीवाणु संक्रमण है जो नाक और गले को संक्रमित करता है। यह वायु के माध्यम से आसानी से फैलता है और सांस लेने (घुटना), निगलने और बुखार में कठिनाई का कारण बनता है। आवाज की कर्कशता है और त्वचा भी नीली हो सकती है। गंभीर बीमारी शरीर के अन्य हिस्सों को भी प्रभावित कर सकती है, जैसे हृदय और गुर्दे। यह बीमारी विशेष रूप से एक वर्ष से कम उम्र के बच्चों के लिए घातक है

• **पर्टुसिस (काली खाँसी) -** एक बहुत ही संक्रामक श्वसन स्थिति है जिससे खांसी होती है जो दिन-प्रतिदिन गंभीर होती जाती है। लक्षण एक सामान्य खांसी और सर्दी के समान हैं लेकिन 2 सप्ताह के बाद गंभीर हो जाते हैं जब थूक वायुमार्ग में फंस जाता है और बढ़ती खांसी होती है जो उल्टी के साथ होती है। चेहरे का रंग लाल या नीला हो सकता है। युवा शिशुओं को खांसी नहीं हो सकती है लेकिन सांस लेने में मुश्किल होती है और कभी-कभी अस्थायी रूप से सांस लेना बंद कर देते हैं। अगर इसका इलाज नहीं किया जाता है तो इससे निमोनिया, ऐंठन हो सकती है और इसके परिणामस्वरूप कुपोषण हो सकता है।

• **टेटनस -** एक जीवाणु संक्रमण है जो मल और मिट्टी के दूषित होने के कारण होता है। एक बच्चे को संक्रमण अशुद्ध स्थितियों के कारण हो सकता है, खासकर जब गर्भनाल को काटते समय या प्रसव का संचालन करते समय। यह उन माताओं में भी आम है जिन्होंने टीका नहीं लगवाया है। टेटनस दर्दनाक एपिसोड और शरीर की कठोरता के साथ शामिल है। नवजात टेटनस वाले नवजात शिशु फ़ीड लेना बंद कर सकते

हैं। उनके शरीर कठोर हो जाते हैं, और मांसपेशियों में संकुचन और ऐंठन होती है। पक्षाघात और एक गंभीर बीमारी में खिलाने में मुश्किल होती है।

• **हेपेटाइटिस -** यह एक वायरल संक्रमण है जो बच्चों के जिगर को प्रभावित करता है। नवजात हेपेटाइटिस वाले एक शिशु को आमतौर पर पीलिया (पीली आंखें और त्वचा) होती है, जो एक से दो महीने की उम्र में प्रकट होता है, वजन नहीं बढ़ रहा है और सामान्य रूप से बढ़ रहा है और बढ़े हुए यकृत है। शिशु उचित विकास के लिए विटामिन को अवशोषित नहीं कर सकता है। संक्रमण पुराना हो सकता है और भविष्य में यकृत कैंसर का खतरा बढ़ जाता है। संक्रमण के कारण बुखार, उल्टी, पीलिया और भूख कम हो जाती है।

• **न्यूमोकोकल न्यूमोनिया -** न्यूमोकोकल बैक्टीरिया के कारण होने वाले बच्चों में एक आम निमोनिया है। यह खांसने और छींकने से फैलता है। रोग फेफड़ों, कान, हड्डियों और मस्तिष्क को प्रभावित कर सकता है। इस संक्रमण से पीड़ित बच्चों को बुखार, खांसी, सीने में दर्द होता है और गाढ़ा पीला या हरा श्लेष्मा निकल सकता है।

• **डायरिया -** गंदी परिस्थितियों के कारण होने वाले बच्चों में आम संक्रमण है। यह निर्जलीकरण के कारण महत्वपूर्ण रुग्णता और मृत्यु दर में योगदान कर सकता है। चूंकि बच्चों में चयापचय क्षमता सीमित होती है, इसलिए निर्जलीकरण अक्सर बच्चों के लिए घातक साबित होता है। रोटावायरस सबसे आम वायरस है जो दस्त को रोकता है और टीका को रोकने वाला है।

<div align="center">टीकाकरण अनुसूची</div>

जिस पर उम्र दी जाए	इंजेक्शन का नाम
जन्म - 2 सप्ताह	बीसीजी, ओपीवी -0, हेप बी
6-8 सप्ताह	ओपीवी -1, पेंटावैलेंट -1 (डीपीटी + हेपबी + हिब), आरवी -1, पीसीवी -1, एफआईपीवी -1
10-12 सप्ताह	ओपीवी -2, पेंटावैलेंट -2, आरवी -2
14-16 सप्ताह	ओपीवी -3, पेंटावैलेंट -3, आरवी -3, पीसीवी -2, एफआईपीवी -2
9 महीने	एमआर -1, Vit A, पीसीवी बूस्टर
16-24 महीने	एमआर -2, डीपीटी बूस्टर, ओपीवी बूस्टर
5-6 साल	डीपीटी बूस्टर
10 और 16 साल	टीडी (Td)

वैक्सीन संबंधी जानकारी

बीसीजी-

- जन्म के 2 सप्ताह बाद या जन्म के बाद और एक साल तक के लिए दिया जाने वाला पहला टीका है।
- यह तपेदिक से सुरक्षा देता है।
- यह बाईं ऊपरी बांह पर दिया जाता है

- अगले कुछ हफ्तों में निशान ऊतक के गठन से चिह्नित होता है।

- अगर निशान नहीं है, तो बच्चे को फिर से टीका लगाने की आवश्यकता नहीं है।

- आम स्थानीय प्रतिक्रियाएं हैं - दर्द, सूजन और लालिमा ।

- गंभीर प्रतिक्रियाएं- ऐक्सिला के पास लिम्फ नोड की सूजन, साइट पर एक बड़ा फोड़ा या इंजेक्शन साइट में संक्रमण।

- गंभीर समस्याओं के मामले में बच्चे को डॉक्टर के पास ले जाना चाहिए।

ओपीवी-

- पोलियो से बचाव के लिए मौखिक रूप से दिया जाता है। यह बीसीजी के साथ जन्म के समय दिया जाता है और 5 वर्ष की आयु तक दिया जाता है।

- ओपीवी के पहले और बाद में बच्चे को खिलाया जा सकता है लेकिन अगर ओपीवी की बूंदों के तुरंत बाद उल्टी हो जाती है तो बूंदों का पुन: देना होगा।

- अंगों की कमजोर कमजोरी बाद में हो सकती है और तुरंत डॉक्टर को सूचित किया जाना चाहिए

- बीसीजी और ओपीवी के साथ-साथ **हेप बी- जन्म** (24 घंटे के भीतर) में दिया जाता है।

- यह हेपेटाइटिस बी की स्थिति को रोकने के लिए दिया जाता है जो यकृत को प्रभावित करता है और इसे कमजोर बनाता है।

- हर बच्चे को 6 महीने की उम्र तक हेप बी वैक्सीन की 3 खुराक पूरी करनी चाहिए।

पेंटावैलेंट –

इंजेक्शन में डीपीटी, हेप बी और हिब शामिल हैं, बाईं जांघ पर दिया जाता है तथा डिप्थीरिया, पर्टुसिस, टेटनस, इन्फ्लूएंजा और हेपेटाइटिस से सुरक्षा प्रदान करता है,

- आम स्थानीय प्रतिक्रियाएं हैं - दर्द, सूजन और लालिमा ।

- अधिकांश शिशुओं को बुखार भी होता है जो इंजेक्शन के दिन शुरू होता है और लगभग 3 दिनों तक रहता है।

- अन्य समस्याओं में भोजन के लिए मना करना, लगातार रोना, चिड़चिड़ापन, अस्वस्थता, उल्टी और उनींदापन शामिल हैं।

- मिरगी और लगातार रोने की सूचना हमेशा डॉक्टर को देनी चाहिए।
- प्रत्येक बच्चे को जीवन के पहले वर्ष के दौरान प्राप्त करने के लिए पेंटावैलेंट की तीन खुराक महत्वपूर्ण हैं।

रोटावायरस - को दस्त से बचाने के लिए मौखिक रूप से दिया जाता है। ऐसे कोई गंभीर दुष्प्रभाव नहीं हैं, लेकिन हल्का बुखार, चिड़चिड़ापन और दस्त हो सकता है।

पीसीवी (न्यूमोकोकल कंजुगेट वैक्सीन) इंजेक्शन बैक्टीरिया के कारण होने वाले श्वसन संक्रमण को रोकता है। इससे भूख कम हो सकती है, उच्च तापमान (> 38°C), इंजेक्शन की जगह पर चिड़चिड़ापन, लालिमा और सूजन, अस्वस्थता और अशांत नींद आ सकती है।

FIPV - इंजेक्शन पोलियो से बचाता है।

- दाहिनी ऊपरी बांह पर इंजेक्ट किया जाता है।
- बीसीजी वैक्सीन के विपरीत साइट पर एक निशान विकसित नहीं होता है।
- त्वचा पर लालिमा, सूजन और सख्त होने जैसी हल्की स्थानीय प्रतिक्रियाएं होती हैं।
- गंभीर प्रतिक्रियाओं में तेज बुखार, उल्टी, अत्यधिक रोना, खराब भूख और दस्त शामिल हैं।

खसरा और रूबेला - इंजेक्शन खसरा और रूबेला को रोकता है , त्वचा पर चकत्ते और बुखार से संबंधित लक्षणों का कारण बनता है। एमआर वैक्सीन से लालिमा की सूजन, बुखार, अस्वस्थता, चिड़चिड़ापन आदि समस्याएं होती हैं।

टीकों से जुड़ी छोटी समस्याएं

छोटी समस्याएं अक्सर होती हैं और लगभग सभी टीकों से जुड़ी होती हैं। इनमें स्थानीय समस्याएं और पूरे शरीर की समस्याएं शामिल हैं। स्थानीय प्रतिक्रियाएं दर्द, सूजन, लालिमा हैं। इन्हें घर पर मैनेज किया जा सकता है।

• **बीसीजी वैक्सीन-**बीसीजी प्रशासन के बाद एक स्थानीय प्रतिक्रिया होती है जो कई हफ्तों तक बनी रहती है और अंततः एक निशान को पीछे छोड़ देती है। स्थानीय प्रतिक्रिया 2 सप्ताह के आसपास शुरू होती है, कई चरणों में गुजरती है और 12 सप्ताह से अधिक समय तक एक निशान के पीछे छोड़ देती है। यहां तक कि अगर निशान नहीं बनता है, तो बच्चे को फिर से इंजेक्शन देना आवश्यक नहीं है। आम स्थानीय प्रतिक्रियाओं में दर्द, सूजन और लालिमा शामिल हैं।

बहुत कम बच्चों में गंभीर समस्याएँ होती हैं जैसे कि ऐक्सिला के पास लिम्फ नोड की सूजन, साइट पर एक बड़ा फोड़ा या इंजेक्शन साइट में संक्रमण। गंभीर समस्या के मामले में बच्चे को आगे के लिए एक डॉक्टर के पास ले जाने की आवश्यकता होती है।

सामान्य प्रतिक्रिया   असामान्य प्रतिक्रिया
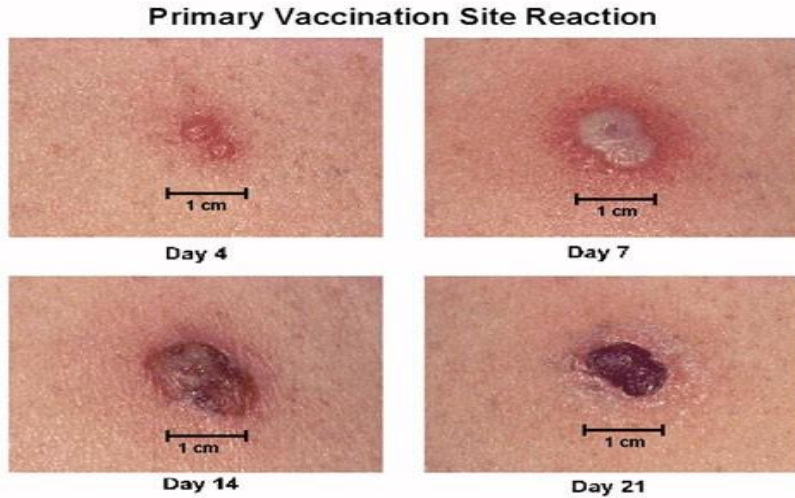
- **ओरल पोलियो वैक्सीन-** अंगों की कमजोर कमजोरी हो सकती है और इसकी सूचना तुरंत डॉक्टर को देनी चाहिए।

- **पेंटावैलेंट वैक्सीन-** इसकी स्थानीय प्रतिक्रिया में इंजेक्शन स्थल पर दर्द, लालिमा और सूजन शामिल है। अधिकांश शिशुओं को बुखार भी होता है जो इंजेक्शन के दिन से शुरू होता है और लगभग 3 दिनों तक रहता है। अन्य समस्याओं में वृद्धि की परेशानी, भोजन के लिए मना करना, लगातार रोना, चिड़चिड़ापन, अस्वस्थता, उल्टी और उनींदापन शामिल हैं। दौरा पड़ना और लगातार रोने की सूचना हमेशा डॉक्टर को देनी चाहिए।

- **रोटावायरस वैक्सीन-** जैसे कोई गंभीर दुष्प्रभाव नहीं हैं लेकिन हल्के बुखार, चिड़चिड़ापन और दस्त हो सकता है।

- **पीसीवी वैक्सीन -**इसके कारण भूख में कमी, बढ़ा हुआ तापमान (> 38oC), इंजेक्शन की जगह पर चिड़चिड़ापन, लालिमा और सूजन हो सकती है, अस्वस्थता, नींद न आना या अच्छी नींद न आना।

- **खंडित निष्क्रिय पोलियो वैक्सीन (एफआईपीवी) -** त्वचा पर लालिमा, सूजन और सख्त होने जैसी हल्की स्थानीय प्रतिक्रियाएं होती हैं। गंभीर प्रतिक्रियाओं में तेज बुखार, उल्टी, अत्यधिक रोना, खराब भूख और दस्त शामिल हैं।

- **खसरा और रूबेला** के टीके के कारण लालिमा की सूजन, बुखार, अस्वस्थता, चिड़चिड़ापन आदि समस्याएं होती हैं।

वैक्सीन संबंधी समस्याओं का प्रबंधन

इंजेक्शन के दौरान दर्द

दर्द से बचा नहीं जा सकता है और होगा लेकिन नीचे दिए गए चरणों / विधियों का पालन करके तीव्रता को कम किया जा सकता है।

- **स्तनपान** - स्तनपान बच्चे को दर्द से विचलित करता है। बच्चे को 2 मिनट पहले स्तनपान कराने की अनुमति दें और प्रक्रिया के 1 मिनट बाद तक जारी रखें।

- **टकिंग**- बच्चे को एक चादर में लपेटें ,बच्चे के हाथ और पैर बॉडी के मध्य में रखें। शिशु पीठ या किसी और स्थिति में सो सकता है

आपके बच्चे को बीसीजी का टीका लगने के बाद क्या हो सकता है

- 1 से 6 हफ्तों में, जहां इंजेक्शन दिया गया है वहां पर छोटा-सा लाल फफोला दिखाई दे सकता है। यह कुछ ही हफ्तों में ठीक हो जाना चाहिए।
- 6 से 12 हफ्ते के बाद, यह फफोला छोटे से घाव का रूप ले सकता है। यदि ऐसा होता है, तो उस स्थान को पट्टी से ढंक दें ताकि वहां हवा पहुंचती रहे।

- चिपकने वाले प्लास्टर्स का उपयोग न करें। घाव के ठीक होने में तीन महीने तक का समय लग सकता है और वहां छोटा निशान पड़ा रह सकता है। यह सामान्य बात है।

इंजेक्शन साइट की देखभाल कैसे कर

- **बुखार** - बच्चे में ज्वर की स्थिति टीकाकरण के दिन से शुरू होती है और 48-72 बजे तक बनी रहती है। कि यदि बच्चे का तापमान 38°C से अधिक का है तो उसे ज्वरग्रस्त कहा जाता है

- **टेपिड स्पंज** या स्नान दिया जा सकता है। बच्चे के माथे, बांह के गड्ढे और कमर के ऊपर गीला कपड़ा रखें। अगर कंपकंपी है तो इसे न करें

- बच्चे को दूध अधिक बार पिलाएं

- पेरासिटामोल को कॉमन रूप से बुखार के लिए दिया जाता है और यह सुरक्षित है।

- खुराक को 6 घंटे (न्यूनतम 4 घंटे) के अंतराल के बाद दोहराया जा सकता है। खुराक की कुल संख्या 24 घंटे में 4 से अधिक नहीं होनी चाहिए।

- दवा को 3 दिनों से अधिक समय तक उपयोग नहीं किया जाना चाहिए।
- यदि बुखार 3 दिनों से अधिक समय तक बना रहता है, तो डॉक्टर से परामर्श करना चाहिए।

दर्द, सूजन और लालिमा - इंजेक्शन स्थल के आसपास अधिक विस्तारित क्षेत्र में सूजन और लालिमा होती है।

- प्रभावित त्वचा पर एक ठंडा गीला साफ कपड़ा लगाएँ। साफ कपड़े से ढका हुआ आइस पैक भी लगाया जा सकता है
- गर्म / गर्म नम कपड़े / पानी न डालें क्योंकि यह लालिमा और दर्द को बढ़ा सकता है।
- किसी भी तेल, विक्स या किसी भी जलन या तीखे मलहम के साथ क्षेत्र की मालिश न करें क्योंकि इससे संक्रमण हो सकता है।
- बच्चे के पैर / बाहों को टक करके प्रभावित अंग की गति को रोकें।
- प्रभावित हिस्से को धीरे से संभालें।
- अगर अगले 24 घंटे में लालिमा का क्षेत्र बढ़ जाता है, या स्थानीय मवाद गठन होता है, तो चिकित्सक या नर्स से संपर्क करें।

चिड़चिड़ापन, उनींदापन और दूध पीने से मना करना –

- दर्द और बुखार के कारण चिड़चिड़ापन होता है। पेरासिटामोल देने से दर्द और बुखार कम होता है।
- इंजेक्शन की तरफ बच्चे को न सुलाएं।
- यदि बच्चा थोड़ी देर के लिए भोजन करता है और फिर सो जाता है या चिढ़ जाता है, तो अधिक बार और लंबे समय तक दूध पिलाने की कोशिश करें।
- विक्षेप को कम करें, वातावरण में मंद प्रकाश और कम से कम शोर हो ।
- माताओं को बच्चे को विशेष रूप से छह महीने तक स्तनपान कराना चाहिए और बच्चे को कोई अन्य तरल या पानी भी नहीं देना चाहिए। 6 महीने के बाद खाद्य पदार्थों को लेना शुरू किया जाता है। बच्चे के आराम के अनुसार निम्न विधियों का उपयोग किया जा सकता है।
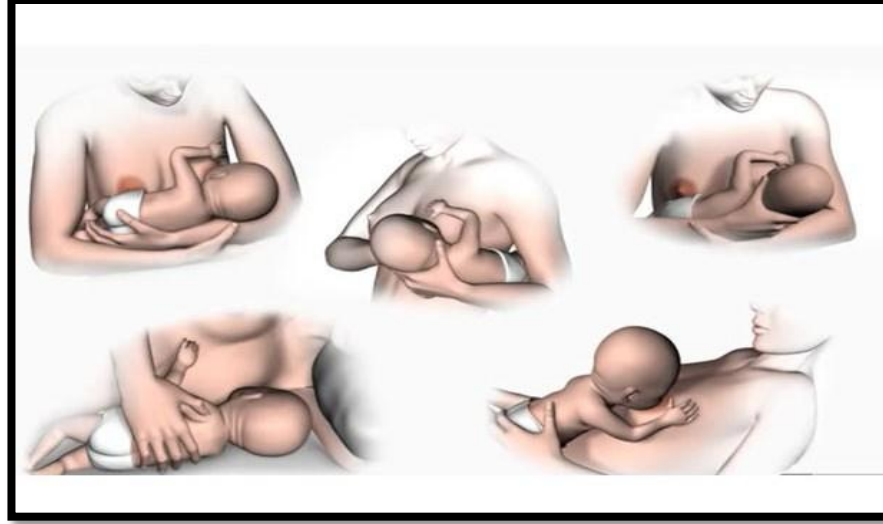
अगर उसे निम्नलिखित समस्याएं हैं तो भी बच्चे को टीका लगाया जा सकता है

- निम्न श्रेणी का बुखार (101 डिग्री से कम)
- जुकाम, नाक बहना, या खांसी , कान संक्रमण (ओटिटिस मीडिया)
- हल्के दस्त
- कम गंभीर बीमारी के लिए एंटीबायोटिक्स लेने वाला बच्चा।

एलर्जी तथा गंभीर संकेतों की पहचान करें जिन्हें रिपोर्ट करने की आवश्यकता है

बच्चे और माता-पिता को इंजेक्शन के बाद कम से कम 30 मिनट के लिए अस्पताल में इंतजार करने के लिए कहा जाता है ताकि किसी भी तरह की एलर्जी होने पर उससे निपटा जा सके। लक्षण 30 मिनट के भीतर हो सकते हैं और लक्षणों की पहली उपस्थिति के 8-12 बजे के बाद घटना की पुनरावृत्ति हो सकती है।

हल्के शुरुआती संकेत = त्वचा की खुजली, दाने और इंजेक्शन स्थल के आसपास सूजन ।

टीकाकरण के बाद त्वचा पर दाने

चक्कर आना, गर्मी की सामान्य भावना। शरीर के कुछ हिस्सों में दर्द रहित सूजन जैसे चेहरा या मुँह, निस्तब्धता, खुजली वाली त्वचा, नाक में जमाव, छींक, आँसू, स्वर बैठना, मतली, उल्टी।

देर से दिखाई देने वाले गंभीर लक्षण - गले में सूजन, सांस लेने में कठिनाई, पेट में दर्द हैं। घरघराहट, शोर और मुश्किल श्वास, पतन, निम्न रक्तचाप, अनियमित कमजोर नाड़ी।

टीकाकरण से जुड़ी अन्य गंभीर समस्याएं हैं

· बुखार के साथ 3 दिनों से अधिक या बुखार के साथ स्थायी बुखार।

· इंजेक्शन स्थल पर लालिमा, दर्द, सूजन या सख्त होना।

· लगातार रोता बच्चा

· किसी भी अंग की कमजोरी।

· अगर बगल में सूजन और दर्द है या इंजेक्शन की जगह ठीक नहीं होती है

Annexure VIII

Blue print for the awareness questionnaire

Sr no	Areas related to primary immunization	Knowledge Item no	Comprehension Item no	Analysis Item no	No. of questions	Percentage
1	Immunization importance and schedule	1,2,3	4,5,6,7,8,	9,10	10	23.25%
3	Vaccine related information.	11,12,16,17,18,19,20,21	13,14,15,22,23	-	13	30.25%
4	Minor problems associated with vaccination.	25,31	24 ,29,30	28	6	13.95%
5	Pain management during administration.	-	27	26	2	4.65%
6	Home management of vaccine related problems.	-	32,33,34,35,37	36	6	13.95%
8	Identification of severe and allergic reaction to vaccination.	-	38,39,40	41,42,43	6	13.95%
	Total	13(30.23%)	22(51.16%)	8(18.6%)	43	100%

Annexure IX

Tool to assess awareness among primary caregivers regarding primary immunization

Part A- Profile of the subject

Health facility----------
Date---------------------

1. Name of the participant(caregiver)-

2. Age of caregiver-

3. Marital status-

4. Education-

5. Occupation-

6. Religion -

7. Type of family-

8. Number of family members-

9. Total Family income-

10. Area of residence- urban/rural

11. Relationship with the baby-

12. Detail of children(in case of mothers)-

Sr no	Child name	DOB	Gender	Birth weight	Type of delivery	Facility utilized for immunization
1						
2						
3						

13. Address & Contact no-

Part B

Questionnaire to Assess Awareness Of Primary Caregivers About Various Aspects Of Immunization

Q1 Immunization protects the child from

    a. Infectious and life threatening diseases
    b. All types of diseases
    c. Spreading infection
    d. Blood borne infections

Q2 Immunization is important to protect children from diseases especially during

    a. 1-2 months
    b. 1-2 years
    c. Birth -5 years
    d. 5-10 years

Q3 The most trustworthy source of information regarding vaccination is

    a. Experienced people
    b. Neighbour
    c. Health worker/nurse
    d. Intuition

Q4. At what age the baby must get first vaccine?

    a. 1 month
    b.   Birth
    c. 2 months
    d. 2 weeks

Q5. Immunization is carried out until ------years of age

    a. 1 year
    b. 2 years
    c. 4 years
    d. 16 years

Q6. Which vaccines must the baby get at birth?

    a. DPT,HiB
    b. Measles,DPT, HiB
    c. BCG, Hep B, OPV
    d. Hep B, OPV, DPT

Q7 . BCG is given to prevent which disease?

    a. Rubella
    b. Tuberculosis
    c. Hepatitis
    d. Pneumonia

Q8. BCG is given at

    a. Left upper arm
    b. Right upper arm
    c. Left thigh
    d. Right thigh

Q9. After giving BCG if a pustule forms and it leaves a scar then it is

    a. Abnormal reaction
    b. Indicates infection
    c. Normal reaction
    d. Requires drainage

Q10. If the scar doesn't form after giving BCG then

    a. Revaccinate the child
    b. The child needs to be seen by doctor
    c. No intervention needed.
    d. Try vaccination at another arm.

Q11. Polio affects which part of body?

    a. Nerves
    b. Skin
    c. Eyes
    d. Ears

Q12. Till what age polio vaccine may be given to the child?

    a. 1 year
    b. 2 years
    c. 4 years
    d. 5 years

Q13. Can the child be given anything to eat or drink before and after polio vaccine?

    a. No
    b. Yes
    c. I don't know
    d. May be

Q14. If the baby vomits after an hour after Polio vaccine administration what should be done?

    a. Give another dose
    b. No need for another dose
    c. Don't know.
    d. May be

Q15. How many doses of Pentavalent vaccine must a child receive?

    a. 5 doses
    b. 2 doses
    c. 3 doses
    d. 4 doses

Q16. Rotavirus vaccine is given to prevent which condition?

    a. Tetanus
    b. Tuberculosis
    c. Diarrhea
    d. Hepatitis

Q17. Rotavirus vaccine is given through which route?

    a. Injection into muscle
    b. Oral
    c. Under the skin
    d. Into blood

Q18. Rotavirus vaccine is given at an age of….

    a. Birth
    b. 6,10 and 14 weeks
    c. 9 months
    d. 1 year

Q19. Pnemococcal Conjugate vaccine is known to prevent ?

    a. Stomach related infections
    b. Nerves related infections
    c. Blood related infections
    d. Respiratory infections

Q20. Pnemococcal Conjugate vaccine is given on which part of body?

    a. Right arm
    b. Left arm
    c. Right thigh
    d. Left thigh

Q21. Measles and rubella vaccine is given at an age of…
   a. 6 months
   b. 12 months
   c. 31/2 month
   d. 9 month

Q22. Measles and rubella vaccine is known to prevent the following problems in children
   a. Airway symptoms, skin rashes and fever
   b. Difficult walking, speech problems
   c. GI problems
   d. Difficult urination

Q23. Measles & Rubella vaccine is administered at an age of …

   a. Right arm
   b. Left arm
   c. Right thigh
   d. Left thigh
   a. 5yrs

Q24 . Most vaccinations are associated with symptoms like redness, swelling and ..

   a. Diarrhea
   b. Fever
   c. Rashes
   d. Constipation

Q25 . Minor local reactions with vaccine injections are ..

   a. Headache, vomiting
   b. Nausea ,abdominal pain
   c. Redness, swelling
   d. Respiratory distress

Q26 . How can pain during vaccination be reduced?

   a. Breastfeeding the baby during injections.
   b. Giving nothing by mouth before injection.
   c. Making baby wear loose clothes.
   d. Messaging the area before injection

Q27. In a tucked posture to reduce pain during injection the baby…

   a. Limbs are held close to body and snugly wrapped.
   b. Limbs are extended.
   c. Arms are extended and legs are flexed.
   d. Arms and legs are held along the body.

Q 28 . When the scar forms after BCG vaccination what must be done?

   a. Applying bandage over the site.
   b. Applying ointment over the site
   c. Using boiled cool cotton to clean and keep dry.
   d. Remove the pus as much as possible.

Q 29. Polio vaccine is associated with which of the following symptom?

   a. Blurred vision
   b. Weakness/paralysis of the limbs
   c. Hearing problem
   d. Change in taste .

Q 30 . Fever is most commonly associated with which of the following

   a. Polio Vaccine
   b. Rotavirus vaccine
   c. Vita A
   d. Pentavalent vaccine

Q 31. After vaccination fever would last in the baby for..?

   a. 2 days
   b. 3 days
   c. 24 hrs
   d. 1 week

Q32 For managing fever a cool cloth can be kept over..

   a. The forehead
   b. Stomach area
   c. Over arms
   d. All of the above.

Q 33. How many doses of syrup paracetamol can be given over 24 hrs?

   a. 2
   b. 5
   c.3
   d. 4 or as per doctors orders

Q34 . To manage redness and swelling at the injection site……
   a. Massage must be done
   b. Apply warm compress
   c. Apply hot oil/vicks
   d. Apply cold cloth or ice pack

Q 35. Fever can be reduced by-
    a. Increasing milk or water intake
    b. Eating more fruits
    c. Avoiding to go out.
    d. None of the above

Q 36 . If the child doesn't feed adequately or is irritable.
    a. Feed the child on demand.
    b. 2 hrly schedule for breastfeeds
    c. Try feeding more frequently and change position for feeds
    d. No intervention needed.

Q37. During which of the conditions given below vaccination can still be done?

    a. Cough and cold
    b. Ear infection
    c. Diarrhea
    d. All of the above.

Q 38. A child has swelling and tenderness of the armpit after BCG vaccination. It is -----

    a. Serious reaction
    b. The vaccine is not effective
    c. Revaccinate the child
    d. Will subside itself

Q 39. The signs and symptoms of a severe reaction in child appear within

    a. 30 mins
    b. 1hrs
    c. 2 hrs
    d. 3 hrs

Q 40. The parents must wait in the health centre with the child after vaccination for at least -

    a. 5 mins
    b. 10 mins
    c. 15 mins
    d. 30mins

Q 41. Difficult breathing ,noisy breathing, itching, loss of consciousness or weakness in child after vaccination indicates
    a. Normal reaction
    b. Allergic reaction.
    c. Mild reaction
    d. Local reaction

Q42. A child with mild early reaction after vaccination will have ---
   a. Difficulty breathing
   b. Loss of consciousness
   c. Itching of skin
   d. None of the above
Q43 . A child has difficulty breathing after 15 minutes of vaccination this indicates…..
   a. Normal condition
   b. Panic reaction.
   c. Serious life threatening reaction
   d. None of the above.

Scoring
Poor knowledge- 0-10
Average knowledge- 11-21
Good knowledge -22-32
Very good knowledge- 33-43

Answer key

1. A
2. C
3. C
4. B
5. D
6. C
7. B
8. A
9. C
10. C
11. A
12. D
13. B
14. B
15. C
16. C
17. B
18. B
19. D
20. C
21. D
22. A
23. A
24. B
25. C
26. A
27. A
28. C
29. B
30. D
31. B
32. D
33. D
34. D
35. A
36. C
37. D
38. A
39. A
40. D
41. B
42. C
43. C

Self efficiency tool related to care of children during primary immunization

Part 1

Self efficiency of the primary caregiver at birth/zero dose(1st immunization event)

Instructions- please indicate how well you can perform the following on the parameters given below.

Sr no	Event	Statement	Score – 1 –Never ,2- Almost Never,3-Occasionally,4- Almost Everytime, 5-Everytime				
			1	2	3	4	5
1	During vaccination	1. Position the baby comfortably to reduce pain during injection.					
2	At zero dose	2. Can identify that the baby is crying excessively. 3. Control/reduce fever of the baby. 4. Reduce the pain and swelling at the injection site. 5. Able to feed the baby adequately and comfortably. 6. Identify an allergic and severe reaction to vaccine like rashes, flushing, itching etc.					

Score: Minimum 5, Maximum 30, Poor Efficiency: 6-13, Average Efficiency: 14-21, Good Efficiency: 22-30

Self efficiency tool related to care of children during primary immunization
Part 2

Self efficiency of the primary caregiver at 6 weeks(2nd immunization event)

Instructions- please indicate how well you can perform the following on the parameters given below.

Sr no.	Event	Statement	Score – 1 –Never ,2- Almost Never,3-Occasionally,4-Almost Everytime, 5-Everytime				
			1	2	3	4	5
1	During vaccination	1. Position the baby comfortably to reduce pain during injection.					
2	At 6 weeks	2. Can identify that the baby is crying excessively. 3. Control/reduce fever of the baby 4. Reduce the pain and swelling at the injection site. 5. Able to feed the baby adequately and comfortably. 6. Identify an allergic and abnormal reaction after vaccination like rashes,flushing,itching etc.					

Score: minimum 6, maximum 30, Poor Efficiency: 6-13, Average Efficiency: 14-21, Good Efficiency: 22-30

Self efficiency tool related to care of children during primary immunization

Part 3

Self efficiency of the primary caregiver at 10 weeks(3RD immunization event)

Instructions- please indicate how well you can perform the following on the parameters given below.

Sr no.	Event	Statement	Score – 1 –Never ,2- Almost Never,3-Occasionally,4-Almost Everytime, 5-Everytime				
			1	2	3	4	5
1	During vaccination	1. Position the baby comfortably to reduce pain during injection.					
2	At 14 weeks months	2. Can identify that the baby is crying excessively. 3. Control/reduce fever of the baby 4. Reduce the pain and swelling at the injection site. 5. Able to feed the baby adequately and comfortably. 6. Identify an allergic and abnormal reaction after vaccination like rashes, flushing, itching etc.					

Score: Minimum 6, Maximum 30, Poor Efficiency: 6-13, Average Efficiency: 14-21, Good Efficiency: 22-30

Self- efficiency tool related to care of children during primary immunization

Part 4

Self efficiency of the primary caregiver at 14 weeks(4th immunization event)

Instructions- please indicate how well you can perform the following on the parameters given below.

Sr no	Event	Statement	Score – 1 –Never ,2- Almost Never,3-Occasionally,4- Almost Everytime, 5-Everytime				
			1	2	3	4	5
1	During vaccination	1. Position the baby comfortably to reduce pain during injection.					
2	At 9 months	2. Can identify that the baby is crying excessively. 3. Control/reduce fever of the baby 4. Reduce the pain and swelling at the injection site. 5. Able to feed the baby adequately and comfortably. 6. Identify an allergic and abnormal reaction after vaccination like rashes, flushing, itching etc.					

Score: Minimum 6, Maximum 30, Poor Efficiency: 6-13, Average Efficiency: 14-21, Good Efficiency: 22-30

Self efficiency tool related to care of children during primary immunization
Part 5
Self efficiency of the primary caregiver at 9 months(5th immunization event)

Instructions- please indicate how well you can perform the following on the parameters given below.

Sr no	Event	Statement	Score – 1 –Never ,2- Almost Never,3-Occasionally,4-Almost Everytime, 5-Everytime				
			1	2	3	4	5
1	During vaccination	1. Position the baby comfortably to reduce pain during injection.					
2	At 9 months	2. Can identify that the baby is crying excessively. 3. Control/reduce fever of the baby 4. Reduce the pain and swelling at the injection site. 5. Able to feed the baby adequately and comfortably. 6. Identify an allergic and abnormal reaction after vaccination like rashes,flushing,itching etc.					

Score: Minimum 6, Maximum 30, Poor Efficiency: 6-13, Average Efficiency: 14-21, Good Efficiency: 22-30.

Overall scoring of the tool

Maximum score- 150 , minimum score- 30

Interpretation of score-

- Poor efficiency – 30-69
- Average efficiency- 70-119
- Good efficiency -120-150

A tool to record the occurrence of vaccine related problems among children undergoing primary immunization

Name of hospital -
Name of mother/caregiver-
Name of the baby-
Dob-

Sr no	Vaccine related problems	At birth/zero dose		At 6 weeks		At 10 weeks		At 14 weeks		At 9 months	
		Put √ if present	If yes then Duration in days	Put √ if present	If yes then Duration in days	Put √ if present	If yes then Duration in days	Put √ if present	If yes then Duration in days	Put √ if present	If yes then Duration in days
1	Pain at injection site										
2	Excessive crying										
3	Redness and swelling at injection site										
4	Skin hardening/ nodule formation										
5	Irritability & restlessness										
6	Drowsiness/sleep disturbance										
7	Feeding problem										
8	Fever										
	Any other –mention										

Annexure X
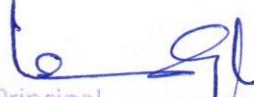
Certificate of translation

This is to certify that the translation of research tools used by Mrs. Neeti Sharma, PhD scholar , SRHU, UK related to her study titled "A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities", has been done by me. The tools were translated from **Hindi   to English** language.

Name – CHANDER MOHAN SHARMA

Qualification- M. A. (Eng) M. Ed.
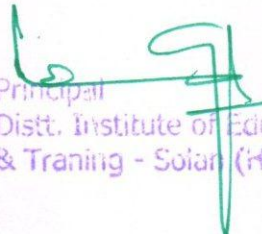
Designation -

Principal
Distt. Institute of Education
& Traning - Solan (H.P.)

15/12/20

Certificate of translation
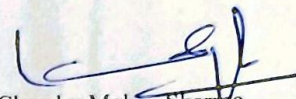
This is to certify that the translation of research tools used by Mrs. Neeti Sharma, PhD scholar , SRHU, UK related to her study titled "A study to develop and evaluate the effectiveness of a need- based, interventional package on awareness and self efficiency of primary caregivers in care of children during primary immunizations in selected health facilities", has been done by me. The tools were translated from **English to Hindi** language.

Name – Savitri sharma

Qualification- M.A Hindi

Designation – Lecturer

Principal
Distt. Institute of Education
& Traning - Solan (H.P.)

Certificate

This is to certify that the thesis titled "Effectiveness of a need- based, interventional package on awareness and self-efficiency of primary caregivers in care of children during primary immunizations in selected health facilities of Solan. Himachal Pradesh" by Neeti Sharma has been edited by me. It is ensured that the language is clear and free of errors. The research content and intent of the author's message was not altered in any way during the editing process.

Chander Mohan Sharma
Deputy Director Education
Officer And District Project Officer(Retd)
Samagra Shiksha DIET Solan (HP)

Annexure XI

Description of responses by primary caregivers in the interventional group regarding awareness questionnaire.

Sr no.	Statements	Correct responses at immunization event			
		At birth N=75		At 9 months N=66	
		n	**%**	**n**	**%**
1	Protection provided by immunization	71	94.6	63	95.4
2	Age group of children protected by immunization	42	56	57	86.3
3	Nurse /health worker as an important source of information	29	38.6	57	86.3
4	Age of getting first vaccine	39	52	57	86.3
5	Age until which immunization is done	52	69.3	66	100
6	Vaccines given at birth	25	33.3	48	72.7
7	Disease prevented by BCG	37	49.3	45	68.1
8	Site of BCG administration	8	10.6	54	81.8
9	Identification of reaction after BCG administration	50	66.6	49	74.2
10	Intervention in absence of BCG scar formation	23	30.6	36	54.5
11	Part of body affected by Polio	57	76	49	76.2
12	Age until which Polio vaccine is given	12	16	39	59
13	Oral intake around Polio vaccine administration	15	20	44	66.6
14	Intervention in case of vomiting after oral Polio vaccination	24	33.3	41	62.1
15	Number of Pentavalent vaccine doses recommended	24	32	33	50
16	Disease prevented by Rotavirus vaccine	24	32	30	45.4
17	Route of Rotavirus vaccine	69	92	58	87.8

18	Rotavirus vaccine administration age recommendation	49	65.3	39	59
19	Disease prevented by Pneumococcal vaccine(PCV)	47	62.6	48	72.7
20	Site of PCV administration	48	64	53	80.3
21	Age of measles and rubella vaccine (MR)administration	49	65.3	53	80.3
22	Conditions prevented by MR vaccine	48	64	56	84.8
23	Site of MR vaccine administration	49	65.3	66	100
24	Symptoms associated with most vaccines	48	64	66	100
25	Minor local reactions with vaccine injections	47	62.6	53	80.3
26	Method of pain reduction during vaccination	58	77.3	59	89.3
27	Limb placement and posture in tucked position	49	65.3	50	75.7
28	BCG scar management	58	77.3	57	86.3
29	Indication of a serious polio vaccine reaction	54	72	61	92.4
30	Association of fever with Pentavalent vaccine	15	20	60	90.9
31	Duration of fever after vaccination	17	22.6	50	75.7
32	Placement of cool cloth over body for fever reduction	14	18.6	60	90.9
33	Recommended frequency of doses of syrup Paracetamol in 24 hrs.	15	20	41	62.1
34	Management of redness and swelling at vaccination site	16	21.3	41	62.1
35	Interventions for fever reduction	20	26.6	50	75.7
36	Management of child with feeding problem	47	62.6	50	75.7
37	Conditions in which vaccination can still be done.	15	20	43	65.1
38	Indication of serious reaction to BCG vaccination	3	4	49	74.2
39	Duration in which severe reactions appear	7	9.3	39	59
40	Time till parents must wait in the health center after vaccination	35	46.6	56	84.8
41	Indication of allergic reaction to vaccination	3	4	47	71.2
42	Indication of a mild reaction to vaccination	39	52	61	92.4
43	Indication of a serious life threatening reaction	36	48	61	92.4

Table: Vaccine related problems among children of interventional and control group.

Vaccine related problems	Birth		6 weeks		10 weeks		14 weeks		9 months	
	Interventional group N=75 (n)	Control group N=75 (n)	Interventional group N=75 (n)	Control group N=75 (n)	Interventional group N=71 (n)	Control group N=68 (n)	Interventional group N=70 (n)	Control group N=68 (n)	Interventional group N=66 (n)	Control group N=64 (n)
Pain at vaccination site	38	39	66	75	65	51	56	45	42	41
Excessive crying	12	21	75	75	22	11	52	11	11	11
Redness & swelling	56	64	69	63	60	57	49	68	8	4
Nodule formation	-	-	60	63	58	52	50	42	-	-
Irritability & restlessness	15	6	33	39	54	68	36	48	6	59
Drowsiness/ sleep disturbance	-	-	30	33	-	-	36	-	-	-
Feeding problems	31	18	31	35	39	35	29	35	12	15
Fever	-	-	63	50	59	51	38	20	3	4

Table : Association of drowsiness/sleep disturbance among children with their attributes.

Variables	Categories	Drowsiness/sleep disturbance								
		At birth N=150	6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130	
			Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	NA	20	33	NA		11	38	NA	
	Female		43	54			25	64		
			χ^2 0.612 p 0.102				χ^2 0.522 p 0.126			
Birth weight (in gms)	≤ 2500	NA	8	15	NA		7	16	NA	
	>2500		55	72			29	86		
			χ^2 0.581 p 0.139				χ^2 0.271 p 0.173			

Sr.	Subject	GROU	A1	A2	MS	ED	OC	R	TT	FN	FI	TOL	BWC	NFC	GOC	BW	TOD	KSB	KS6	KS9	KCB	KC6	KC9	SSB	SS6	SS10	SS14	SS9	SCB	SC6	SC10	SC14	SC9	c1	c2	c3	c4	c5	p1
1	rx 1	1	2	23	1	1	3	1	2	6	4	2	1	3	2	3	1	22	38	39	3	4	4	9	16	20	23	25	1	2	2	3	3	1	1	2	1	1	1
2	rx 2	1	2	24	1	2	3	1	2	7	4	2	1	2	1	4	1	24	39	39	3	4	4	12	17	18	22	26	1	2	2	3	3	1	1	1	1	1	1
3	rx 3	1	3	28	1	2	3	1	2	8	3	2	1	1	2	2	2	18	31	31	2	3	3	9	14	20	22	22	1	2	2	3	3	1	1	1	1	1	1
4	rx 4	1	2	24	1	4	3	1	2	11	4	2	1	1	2	3	1	22	34	34	3	4	4	15	18	20	23	23	2	2	3	3	1	1	1	1	1	1	1
5	rx 5	1	5	36	1	1	1	1	1	5	5	2	1	3	2	2	1	20	37	37	2	4	4	15	15	18	21	26	2	2	2	2	3	1	1	1	1	1	1
6	rx 6	1	1	20	1	2	3	1	1	4	5	2	1	1	1	4	1	22	31	31	3	3	3	11	18	18	20	20	1	2	2	2	2	1	1	1	1	1	1
7	rx 7	1	2	25	1	2	3	1	2	9	4	2	1	1	2	4	1	18	30	35	2	3	4	12	17	19	20	20	1	2	2	2	2	1	1	2	1	1	1
8	rx 8	1	3	29	1	3	1	1	1	3	3	1	1	1	2	3	1	22	38	40	3	4	4	9	18	21	22	25	1	2	2	3	3	1	1	2	1	1	1
9	rx 9	1	3	28	1	1	3	1	1	6	4	2	1	3	1	4	1	24	39	39	3	4	4	15	17	19	20	24	2	2	2	2	3	1	2	1	1	1	1
10	rx 10	1	2	23	1	3	3	1	1	4	4	1	1	2	3	2		15	31	31	2	3	3	15	20	20	24	24	2	2	2	3	3	1	1	2	1	1	1
11	rx 11	1	2	24	1	2	1	2	2	5	4	2	1	1	1	3	1	22	34	34	3	4	4	11	18	19	23	23	1	2	2	3	3	1	1	1	1	1	1
12	rx 12	1	2	22	1	2	2	1	1	3	4	2	1	1	2	3	1	25	37	37	3	4	4	12	16	17	20	26	1	2	2	3	3	1	1	1	2	1	1
13	rx 13	1	3	28	1	4	3	1	1	3	5	2	1	1	2	4	1	12	31	31	2	3	3	9	19	19	23	23	1	2	2	3	3	1	1	1	1	1	1
14	rx 14	1	2	25	1	1	1	1	1	4	3	2	1	1	2	4	1	18	30	35	2	3	4	15	16	16	18	25	2	2	2	2	3	1	1	1	1	1	1
15	rx 15	1	5	37	1	2	3	1	1	3	4	1	1	1	3	1	1	22	28	31	3	3	4	15	17	21	22	22	2	2	2	3	3	1	2	1	1	1	1
16	rx 16	1	1	20	1	2	3	3	2	4	4	2	1	2	2	4		20	32	35	2	3	4	11	14	17	19	19	1	2	2	2	2	1	1	1	1	1	1
17	rx 17	1	2	25	1	3	1	1	1	3	5	1	1	1	2	3	2	14	26	28	2	3	3	15	18	20	20	26	2	2	2	3	3	1	2	1	1	1	1
18	rx 18	1	3	27	1	1	3	1	1	3	4	2	1	1	2	3	1	22	22	25	3	3	3	15	15	18	23	26	2	2	2	3	3	1	2	1	1	1	1
19	rx 19	1	3	29	1	3	3	1	2	4	4	2	1	1	2	3	1	25	25	28	3	3	3	11	18	20	24	24	1	2	2	3	3	1	1	1	1	1	0
20	rx 20	1	2	23	1	2	2	1	1	3	3	2	1	1	2	4	1	22	37	39	3	4	4	12	17	17	22	22	1	2	2	3	3	1	1	1	1	1	1
21	rx 21	1	2	24	1	2	3	1	1	3	4	2	1	1	2	4	1	20	31	31	3	3	3	9	18	18	20	27	1	2	2	2	3	1	2	1	1	1	0
22	rx 22	1	2	25	1	4	3	1	2	4	5	1	1	1	1	3	1	16	30	33	2	3	4	15	17	17	17	25	2	2	2	2	3	1	2	1	1	1	0
23	rx 23	1	3	27	1	1	3	2	1	3	4	2	1	1	2	4	1	20	38	38	2	4	4	15	20	22	22	22	2	2	2	2	3	1	1	1	1	1	0
24	rx 24	1	2	24	1	2	2	3	1	4	3	1	1	2	2	3	1	25	39	39	3	4	4	15	18	18	21	21	2	2	2	2	2	1	1	1	1	1	0
25	rx 25	1	5	37	1	2	1	1	2	5	4	2	1	1	1	3	1	12	31	31	2	3	3	11	18	19	21	21	1	2	2	2	2	1	2	1	1	1	0
26	rx 26	1	2	20	1	3	1	1	2	4	4	2	1	1	2	3	1	18	34	34	2	4	4	15	19	21	23	23	2	2	2	3	3	1	1	1	1	1	0
27	rx 27	1	2	24	1	1	1	1	1	4	5	2	1	2	2	4	1	22	37	37	3	4	4	15	15	20	22	22	2	2	2	3	3	1	2	1	1	1	0
28	rx 28	1	3	28	1	2	2	1	2	4	4	2	1	1	2	4	1	24	31	31	3	3	3	11	16	20	21	21	1	2	2	2	2	1	1	1	1	1	0
29	rx 29	1	3	29	1	2	1	1	1	4	6	1	1	2	1	3	2	20	30	36	2	3	4	15	19	21	22	22	2	2	2	3	3	1	2	1	1	1	0
30	rx 30	1	2	25	1	4	3	1	1	5	5	2	1	1	3	1	1	12	34	34	2	4	4	15	16	20	22	22	2	2	2	3	3	1	1	1	1	1	0
31	rx 31	1	2	23	1	1	1	1	2	5	5	1	1	1	2	3	1	18	37	37	2	4	4	11	17	20	21	24	1	2	2	3	3	1	1	1	1	1	0
32	rx 32	1	2	23	1	2	3	1	1	6	2	1	1	2	4	1		22	31	1	3	3	1	11	21	24	23	24	1	2	2	2	2	1	1	1	1	1	1
33	rx 33	1	3	29	1	2	3	1	2	5	5	2	1	1	2	4	2	24	30	38	3	3	4	12	18	21	23	24	1	2	2	3	3	1	2	1	1	1	1
34	rx 34	1	2	24	1	2	3	1	1	4	4	2	1	1	3	1		16	38	38	2	4	4	9	15	21	23	23	1	2	2	3	3	1	1	1	1	1	0
35	rx 35	1	5	36	1	1	3	1	1	4	6	2	1	2	2	3	1	22	39	39	3	4	4	15	17	19	20	21	2	2	2	2	2	1	1	1	1	1	0
36	rx 36	1	1	19	1	2	2	1	2	7	6	1	1	1	1	3	1	25	31	31	3	3	3	15	17	19	20	20	2	2	2	2	2	1	1	1	1	1	0
37	rx 37	1	2	24	1	2	1	1	1	4	6	2	1	2	2	3	1	22	34	34	3	4	4	15	18	19	22	24	1	2	2	3	3	1	1	1	1	1	0
38	rx 38	1	3	28	1	4	1	1	2	5	6	1	1	2	1	4	2	14	37	37	2	4	4	11	17	17	19	24	1	2	2	3	3	1	1	1	1	1	0
39	rx 39	1	3	27	1	1	1	1	1	3	6	2	1	2	2	4	2	22	31	31	3	3	3	15	20	21	23	23	2	2	2	3	3	1	1	1	1	1	0
40	rx 40	1	2	24	1	2	2	1	1	4	4	2	1	2	2	3	1	25	30	30	3	3	3	15	18	19	23	23	2	2	2	3	3	1	1	1	1	1	0
41	rx 41	1	2	24	1	2	3	1	1	4	4	2	1	1	3	1		11	28	28	2	3	3	11	18	18	21	21	1	2	2	2	2	1	1	1	1	1	0
42	rx 42	1	3	23	1	3	3	1	1	4	4	1	1	2	2	3	2	18	32	32	2	3	3	15	19	21	24	24	2	2	2	3	3	1	1	1	2	1	1
43	rx 43	1	3	27	1	1	3	1	1	4	4	2	1	1	2	3	1	22	26	26	3	3	3	15	15	17	20	20	2	2	2	3	3	1	1	1	1	1	1
44	rx 44	1	2	22	1	2	2	1	2	4	4	1	1	1	2	4	1	24	22	22	3	3	3	11	17	17	20	20	1	2	2	2	2	1	1	1	1	1	1
45	rx 45	1	5	36	1	2	1	1	1	5	2	1	1	1	4	1		17	25	25	2	3	3	15	20	21	23	23	2	2	2	2	2	1	1	1	1	1	1
46	rx 46	1	1	20	1	4	1	1	1	4	5	2	1	2	1	3	1	22	37	37	3	4	4	15	18	20	21	27	2	2	2	2	3	1	1	1	1	1	0
47	rx 47	1	2	24	1	1	1	2	5	5	2	1	1	2	3	2		25	31	31	3	3	3	15	18	21	21		1	2	2	2	3	1	1	1	1	1	0
48	rx 48	1	3	28	1	2	2	1	1	4	4	1	1	2	2	2	1	11	30	30	2	3	3	15	19	21	21	27	1	2	2	2	3	1	1	1	1	1	0
49	rx 49	1	3	29	1	2	3	1	1	6	4	1	1	2	2	2	1	18	38	38	2	4	4	11	15	18	19	25	2	2	2	3	2	1	1	1	1	1	0
50	rx 50	1	2	23	1	3	3	1	3	4	2	1	1	3	1		22	37	37	3	4	4	11	16	19	19	25		2	2	2	3	3	1	1	1	1	1	0
51	rx 51	1	2	24	1	1	3	1	1	3	4	2	1	1	2	3	1	22	31	31	3	3	3	11	19	21	21	21	1	2	2	2	2	1	1	1	2	1	0
52	rx 52	1	2	25	1	2	2	1	2	7	4	2	1	1	2	4	1	11	30	30	2	3	3	12	16	19	21	21	1	2	2	3	3	1	1	1	1	1	0
53	rx 53	1	3	29	1	2	1	1	1	4	4	2	1	1	2	4	1	22	28	28	3	3	3	9	17	20	22	22	1	2	2	3	3	1	1	1	1	1	0
54	rx 54	1	2	24	1	4	1	1	1	4	4	2	1	2	3	2		24	32	32	3	3	3	15	18	18	20	25	2	2	2	3	3	1	1	1	1	1	1
55	rx 55	1	5	36	1	1	3	1	2	4	4	2	1	2	3	1		22	26	26	3	3	3	15	18	21	22	22	1	2	2	3	3	1	1	1	1	1	1
56	rx 56	1	1	19	1	2	3	1	1	4	4	1	1	2	4	1		23	22	27	3	3	3	15	18	21	23	23	2	2	2	3	3	1	1	1	1	1	1
57	rx 57	1	2	23	1	2	3	1	1	3	4	2	1	1	1	4	1	16	25	30	2	3	3	11	18	21	24	24	1	2	2	3	3	1	1	1	1	1	1
58	rx 58	1	3	29	1	3	2	1	2	8	4	2	2	2	3	1		22	37	42	3	4	4	15	19	21	24	24	1	2	2	3	3	1	1	1	1	1	1
59	rx 59	1	3	28	1	1	2	1	1	2	4	2	1	1	2	2	2	11	31	31	3	3	3	15	15	19	19	22	2	2	2	3	2	1	1	1	1	1	1
60	rx 60	1	2	23	1	2	1	1	3	4	2	1	2	2	2		11	30	30	2	3	3	15	17	17	19	21		1	2	2	3	2	1	1	1	1	1	1
61	rx 61	1	2	24	1	2	1	3	1	2	4	2	1	1	2	1		18	38	38	2	4	4	15	20	21	23	23	2	2	2	3	2	1	1	1	1	1	1
62	rx 62	1	2	25	1	4	1	1	2	6	4	1	1	2	4	1		22	39	39	3	4	4	12	18	19	23	23	1	2	2	3	3	1	1	1	1	1	1
63	rx 63	1	3	27	1	2	3	1	2	3	4	2	1	1	3	1		18	31	31	3	4	4	10	18	19	22	22	1	2	2	3	3	1	1	1	1	1	1
64	rx 64	1	2	24	1	2	3	1	2	3	4	2	1	1	3	1		22	34	34	3	4	4	11	19	20	23	23	1	2	2	3	3	1	1	1	1	1	1
65	rx 65	1	5	38	1	2	3	1	2	4	4	2	1	2	3	2		23	37	37	3	4	4	15	17	21	21	25	1	2	2	3	3	1	1	1	1	1	1
66	rx 66	1	1	20	1	2	2	1	2	5	4	2	1	2	2	4	1	11	31	31	2	3	3	15	16	18	21	25	2	2	2	3	3	1	1	1	1	1	0
67	rx 67	1	2	24	1	2	3	1	2	5	4	2	1	1	3	1		18	30		2	3	3	11	19	20	20		1	2	2	3	3	1	1	1	1	1	0
68	rx 68	1	3	28	1	4	1	1	2	3	4	2	1	1	4	1		22	34		3	4	1	11	16	17	19		1	2	2	2	0	1	1	1	1		0
69	rx 69	1	3	28	1	1	1	1	2	2	4	2	1	1	3	1		24	37		3	4	1	12	17	18	18		1	2	2	2	0	1	1	1	1		0
70	rx 70	1	2	24	1	2	2	1	2	6	4	2	1	2	2	3	1	17	31		2	3	1	9	14	16	16		1	2	2	2	0	1	1	1	1		0
71	rx 71	1	2	24	1	2	3	1	2	5	4	2	1	1	1	4	1	22	30		3	3	1	15	18	19			2	2	2	0	0	1	1	1	1		0

72	rx 72	1	2	24	1	3	3	1	1	3	4	2	1	1	2	3	2	25	38		3	4	1	15	15				2	2	0	0	0	1	1			0
73	rx 73	1	3	28	1	1	3	1	1	3	4	2	1	1	2	3	1	12	39		2	4	1	11	18				2	2	0	0	0	1	1			0
74	rx 74	1	2	24	1	3	3	1	2	5	4	1	1	1	2	3	1	18	31		2	3	1	11	17				1	2	0	0	0	1	1			1
75	rx 75	1	5	37	1	1	3	3	1	3	4	2	1	1	1	4	1	22	38		3	4	1	15	18				2	2	0	0	0	1	1			0
76	ctrl 1	2	2	22	1	2	3	1	1	3	4	2	1	1	2	3	1	22	22		3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
77	ctrl 2	2	2	25	1	2	3	1	2	4	4	2	1	2	1	4	1	20	20	20	2	2	2	14	14	14	14	14	2	2	2	2	2	1	1	1	1	1
78	ctrl 3	2	3	28	1	2	2	1	2	8	3	2	1	1	2	2	2	18	18	18	2	2	2	11	11	11	11	11	1	1	1	1	1	1	1	1	1	1
79	ctrl 4	2	2	23	1	4	2	1	2	6	3	1	1	1	1	3	2	21	22	22	2	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
80	ctrl 5	2	5	37	1	2	1	1	1	5	4	1	1	3	2	2	1	21	22	22	2	3	3	15	15	15	15	16	2	2	2	2	2	1	2	1	1	0
81	ctrl 6	2	1	19	1	2	2	1	1	4	3	2	1	1	1	4	1	10	10	10	1	1	1	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
82	ctrl 7	2	2	24	1	2	3	1	2	9	3	1	1	1	1	4	1	18	18	18	2	2	2	12	13	13	13	13	1	1	1	1	1	1	1	1	1	0
83	ctrl 8	2	3	28	1	3	1	1	1	3	3	1	1	1	1	3	2	12	12	12	2	2	2	9	9	9	9	9	1	1	1	1	1	1	1	1	1	0
84	ctrl 9	2	3	28	1	2	3	1	1	5	4	1	1	3	1	4	1	18	18	18	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	2	0
85	ctrl 10	2	3	23	1	3	2	1	1	5	5	1	1	1	1	3	2	15	15	15	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
86	ctrl 11	2	2	24	1	2	2	2	2	5	5	1	1	1	2	3	1	21	21	21	2	2	2	11	11	11	11	12	1	1	1	1	1	1	1	1	1	1
87	ctrl 12	2	2	22	1	2	2	1	1	5	5	1	1	1	2	3	1	24	24		3	3	3	12	12	12	12	12	1	1	1	1	1	1	1	2	1	1
88	ctrl 13	2	3	27	1	3	3	1	1	3	4	2	1	1	2	2	1	12	12	12	2	2	2	9	9	9	9	9	1	1	1	1	1	1	1	1	1	0
89	ctrl 14	2	2	24	1	1	2	1	2	4	4	2	1	1	2	4	1	18	18	18	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	2	1	0
90	ctrl 15	2	5	36	1	2	3	1	1	3	4	2	1	1	2	3	2	21	21	21	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	2	1	0
91	ctrl 16	2	1	20	1	2	3	2	2	4	4	2	1	6	2	4	2	22	22	23	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	1
92	ctrl 17	2	2	24	1	3	1	1	1	3	3	1	1	1	2	2	2	12	12	12	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	2	1	0
93	ctrl 18	2	3	27	1	2	3	1	1	5	5	1	1	1	2	3	1	22	22	22	2	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
94	ctrl 19	2	3	28	1	3	3	1	2	5	5	1	1	1	2	2	1	21	21	21	2	2	2	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
95	ctrl 20	2	3	23	1	2	3	1	1	5	5	1	1	1	1	3	1	22	22	22	3	3	3	12	12	12	12	12	1	1	1	1	1	1	1	1	1	0
96	ctrl 21	2	3	23	1	2	3	1	1	3	5	2	1	1	1	3	1	24	24	24	3	3	3	9	9	9	9	9	1	1	1	1	1	1	1	1	1	0
97	ctrl 22	2	3	24	1	4	2	1	2	4	5	1	1	1	1	1	3	15	15	15	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	1	1
98	ctrl 23	2	3	27	1	2	3	2	1	3	4	2	1	1	2	4	2	22	22	22	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	1
99	ctrl 24	2	2	24	1	2	2	2	3	1	4	6	1	1	2	2	1	19	19	19	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
100	ctrl 25	2	5	36	1	2	1	1	2	5	6	2	1	1	1	3	1	12	12	12	2	2	2	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
101	ctrl 26	2	1	20	1	3	2	1	1	3	6	2	1	1	2	2	1	18	18	19	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	1	1
102	ctrl 27	2	2	23	1	2	1	1	1	4	6	2	1	2	2	4	2	22	22	23	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	2	1	1
103	ctrl 28	2	3	28	1	2	2	1	2	4	6	2	1	1	2	3	1	21	21	21	2	2	2	11	11	11	11	11	1	1	1	1	1	1	1	1	1	1
104	ctrl 29	2	2	29	1	2	2	1	1	4	3	1	1	2	1	2	1	21	21	21	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
105	ctrl 30	2	2	25	1	4	3	3	1	3	3	2	1	1	1	3	2	21	21	21	2	2	2	15	15	15	15	16	2	2	2	2	2	1	1	1	1	0
106	ctrl 31	2	2	23	1	1	2	1	2	5	5	1	1	1	2	2	1	18	18	18	2	2	2	11	11	11	11	11	1	1	1	1	1	1	2	1	1	0
107	ctrl 32	2	3	23	1	2	3	1	1	3	6	2	1	1	2	4	1	21	21	21	2	2	2	11	11	11	11	12	1	1	1	1	1	1	2	1	1	0
108	ctrl 33	2	3	29	1	2	3	1	2	6	4	2	1	1	2	3	2	23	23	23	3	3	3	9	9	9	9	9	1	1	1	1	1	1	1	1	1	0
109	ctrl 34	2	2	24	1	3	1	1	1	2	4	2	1	1	3	2	2	16	16	16	2	2	2	9	9	9	9	9	1	1	1	1	1	1	2	1	1	0
110	ctrl 35	2	5	36	1	1	2	1	1	4	4	2	1	2	2	2	1	21	21	21	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	2	1	0
111	ctrl 36	2	1	19	1	2	1	2	2	5	4	1	1	1	2	2	1	24	24	24	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
112	ctrl 37	2	2	24	1	2	1	1	1	4	4	2	1	1	2	2	1	22	22	23	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
113	ctrl 38	2	3	28	1	3	3	1	2	5	5	1	1	2	1	4	2	14	14	14	2	2	2	11	11	11	11	11	1	1	1	1	1	1	1	1	1	1
114	ctrl 39	2	3	27	1	2	1	1	1	4	4	2	1	2	1	4	2	22	22	22	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
115	ctrl 40	2	2	24	1	2	2	1	1	4	5	2	2	2	2	3	1	24	24	24	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
116	ctrl 41	2	2	24	1	2	3	1	1	3	5	2	1	1	1	2	1	12	12	12	2	2	2	11	12	12	12	12	1	1	1	1	1	1	2	1	1	0
117	ctrl 42	2	2	23	1	3	3	1	1	4	4	1	1	2	2	2	1	18	18	18	2	2	2	15	15	15	15	16	2	2	2	2	2	1	1	1	2	0
118	ctrl 43	2	3	27	1	1	3	1	1	3	5	2	1	1	2	2	2	22	22	22	3	3	3	15	15	15	15	15	2	2	2	2	2	1	2	1	1	0
119	ctrl 44	2	2	22	1	2	3	1	2	4	5	1	1	1	1	2	2	23	23	23	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	1
120	ctrl 45	2	5	36	1	2	2	1	1	3	4	2	1	1	1	4	1	17	17	17	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	2	0
121	ctrl 46	2	1	20	1	4	1	1	1	4	4	2	1	2	1	3	2	21	21	21	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	2	0
122	ctrl 47	2	2	24	1	3	1	1	2	5	4	2	1	1	2	3	2	24	24	24	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
123	ctrl 48	2	2	28	1	2	2	1	1	4	4	2	1	2	2	2	2	11	11	11	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
124	ctrl 49	2	2	29	1	2	3	1	2	6	4	1	1	1	2	3	1	11	11	11	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	1	2	1
125	ctrl 50	2	2	23	1	3	3	3	1	3	4	2	1	1	1	3	2	22	22	22	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
126	ctrl 51	2	2	24	1	1	3	1	1	3	4	1	1	1	2	2	1	22	22	22	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
127	ctrl 52	2	2	25	1	2	2	1	2	7	4	2	1	2	2	4	1	11	11	11	2	2	2	12	12	12	12	12	1	1	1	1	1	1	1	1	1	0
128	ctrl 53	2	3	29	1	2	1	1	1	4	5	2	1	1	1	2	2	22	22	22	3	3	3	9	9	9	9	9	1	1	1	1	1	1	1	1	1	0
129	ctrl 54	2	2	24	1	4	1	1	1	3	4	2	1	1	2	3	2	24	24	24	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
130	ctrl 55	2	5	36	1	1	3	1	2	4	4	2	1	1	1	3	2	22	22	22	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	1	0
131	ctrl 56	2	1	19	1	2	3	1	1	3	6	1	1	1	2	4	1	23	23	23	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	2	1	0
132	ctrl 57	2	2	23	1	2	2	1	1	3	6	1	1	1	1	2	1	22	22	22	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
133	ctrl 58	2	3	29	1	3	2	1	2	6	6	2	1	2	2	3	1	22	22	22	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	2	0
134	ctrl 59	2	3	28	1	1	1	1	2	4	4	1	1	1	1	3	1	23	23	23	3	3	3	15	15	15	15	15	2	2	2	2	2	1	1	1	2	0
135	ctrl 60	2	2	23	1	2	1	1	1	4	4	1	1	1	1	4	1	11	11	11	2	2	2	11	11	11	11	11	1	1	1	1	1	1	1	2	1	0
136	ctrl 61	2	2	24	1	2	1	3	1	4	6	2	1	2	2	2	1	18	18	18	2	2	2	15	15	15	15	15	2	2	2	2	2	1	1	2	1	0
137	ctrl 62	2	2	25	1	4	2	1	2	4	4	2	1	2	2	4	1	22	22	22	3	3	3	12	12	12	12	12	1	1	1	1	1	1	1	1	1	0
138	ctrl 63	2	2	27	1	1	3	1	2	5	4	1	1	1	1	4	1	18	18	18	2	2	2	10	10	10	10	10	1	1	1	1	1	1	1	1	1	0
139	ctrl 64	2	2	24	1	1	1	1	1	5	4	1	1	1	1	4	1	22	27	27	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	1	1	0
140	ctrl 65	2	5	38	1	2	3	1	1	3	5	2	1	1	2	2	2	23	23		3	3		15	15	15	15		2	2	2	2		1	1	2	1	1
141	ctrl 66	2	1	20	1	2	2	1	2	5	5	2	1	1	2	2	1	11	11		2	2		15	15	15	15		2	2	2	2		1	1	2	2	1
142	ctrl 67	2	2	23	1	2	1	1	2	5	5	1	1	1	1	3	1	18	18		2	2		11	11	11	11		1	1	1	1		1	1	2	2	1
143	ctrl 68	2	3	29	1	2	1	1	1	3	4	1	1	1	1	4	2	22	22		3	3		11	11	11	11		1	1	1	1		1	1	2	2	1
144	ctrl 69	2	3	28	1	1	1	1	1	2	4	2	1	2	2	3	1	24	24		3	3		11	11				1	1				1	1	2	1	0
145	ctrl 70	2	2	22	1	2	2	1	2	6	4	1	1	2	3	1	1	17	17		2	2		9	9				1	1				1	1	2	1	0
146	ctrl 71	2	2	25	1	2	3	1	2	4	4	2	1	1	2	3	2	22	22		3	3		15	15				2	2				1	1	1	1	0
147	ctrl 72	2	2	24	1	3	3	1	1	3	4	2	1	1	2	3	2	25	25		3	3		15	15				2	2				1	1	1	1	0
148	ctrl 73	2	3	27	1	1	3	1	1	3	4	2	1	1	2	3	1	12	12		2	2		15	15				2	2				1	1	1	1	1
149	ctrl 74	2	2	24	1	3	3	1	2	5	4	1	1	1	2	3	1	18	18		2	2		11	11				1	1				1	1	1	1	1
150	ctrl 75	2	5	38	1	1	3	3	1	3	4	2	1	1	1	4	1	22	22		3	3		15	15				2	2				1	1			1

p2	p3	p4	p5	E1	E2	E3	E4	E5	RS1	RS2	RS3	RS4	RS5	ND1	ND2	ND3	ND4	ND5	IR1	IR2	IR3	IR4	IR5	DS1	DS2	DS3	DS4	DS5	PP1	PP2	PP3	PP4	PP5	FV1	FV2	FV3	FV4	FV5
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Annexure XIII

Adverse events following immunization among children during primary immunizations in selected health facility of Himachal Pradesh

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ABSTRACT

Background: Vaccine related problems are commonly reported after immunizations and are a matter of concern for health care professionals. A study on the pattern and rate of incidences of vaccine related problems was conducted among children undergoing primary immunizations. **Materials and methods**: The study was conducted in Zonal hospital, Solan, Himachal Pradesh. 150 mothers and their children undergoing immunization were enrolled in the study using systematic random sampling and followed on every immunization event until nine months. Vaccine related problems were enquired at every immunization events namely birth, six weeks, ten weeks, fourteen weeks and nine months using a self-structured tool to assess vaccine related problems among children. **Results**: Pain at vaccination site, redness and swelling, excessive crying, fever, and sleep related problems, feeding problems and fever were common AEFIs reported by mothers among children. **Conclusion:** AEFIs are frequent and need to be reported. None of the child had any severe reaction or hospitalization after immunization.

KEYWORDS

Primary Caregiver; Primary Immunizations

INTRODUCTION

Immunization is an important event in a child's life. It provides protection from vaccine preventable diseases (VPDs) and gives lifetime immunity to a child. India despite being largest manufacturer of many vaccines falls behind global vaccination coverage of 81% and stands at 76% (1). Many VPDs are still claiming millions of lives worldwide due to low vaccination coverage. The vaccines are not without side effects. Some undesirable effects do occur in some percentage of children which makes vaccination troublesome and increases hesitancy among parents. Almost all vaccines can cause side effects. In most cases, there are minor reactions example, a sore arm or low-

grade fever and that within a few days. However, not immunizing a child also involves risk and puts the child and others who come into contact with him or her at risk of contracting a potentially deadly disease.

A vaccine induces immunity by causing the recipient's immune system to react to the vaccine. Therefore, local reaction, fever and systemic symptoms can result as part of the immune response. In addition, some of the vaccine's components (e.g. adjuvant, stabilizers or preservatives) can lead to reactions (2). Like any medicine; vaccines can cause side effects such as a low-grade fever, or pain and redness at injection site. Mild reactions go away within a few days on their own. Severe, long lasting side effects are extremely rare. Vaccines are tested before marketing and administration to children. It ensures that they are safe and effective for children to receive at the recommended ages (3). The current involves study of vaccine related problems among children followed from birth till nine months of their primary vaccination.

MATERIAL & METHODS

Study area: The study was conducted among 150 mothers whose children undergoing primary immunizations at vaccination clinic of Zonal Hospital Solan (HP). Mothers and children attending vaccination clinic for first immunization after birth were enrolled. **Sampling technique:** The subjects were selected via systematic random sampling. A sampling interval of ten was selected based on the potential number of subjects in a month. The first subject was selected randomly between one and ten and thereafter every tenth subject was enrolled for study. The detail of subjects was obtained from the registration area of vaccination room. **Sample size:** a sample size of one fifty was obtained after randomization for over two months. The sample size was calculated by using the formula $n = Z\alpha/2^2 pq/I^2$) with a desired allowable error of 20% of 'p'where P was assumed 50% based on previous studies, q=1-p (50) and I (allowable error) =20% of p (10). The sample size was increased as per

availability of time and subjects' interest. **Inclusion criteria:** Mothers who accompanied their child during vaccinations at birth who agreed to participate for till primary vaccination completed (i.e upto one year) and children who were born at term. **Exclusion criteria:** children who required additional care, child with any congenital anomaly. **Ethical approval:** Ethical clearance for the study was given by ethical committee of Swami Rama Himalayan University, Uttarakhand Reference no – SRHU/HIMS/ETHICS/2019/6. Written consent regarding the study was also obtained from the primary caregivers. Administrative permission regarding the study was obtained from the Director of health services, Shimla (H.P). **Tools used:** The tools for data collection consisted of part A that consisted of information regarding the mother and the child under study. Detail of attributes of children namely gender, birth weight and type of delivery was obtained. Part B consisted of follow up detail of vaccination of the children and vaccine related problems reported by the mothers. **Study duration:** The data was collected from February 2021 till February 2022. The mothers and the children enrolled at first immunization (at birth) were contacted telephonically after three days and vaccine related problems were enquired. Loss to follow-up occurred for various reasons at each vaccination event; the number of participants in the study was 150 at six weeks, 139 at ten weeks, 138 at fourteen weeks and 130 at nine months. The children received vaccination as per Government of India vaccination schedule. BCG, Hep B and OPV zero dose at birth, Pentavalent, rotavirus, OPV, PCV, FIPV at six weeks, Pentavalent, rotavirus, OPV at ten weeks, Pentavalent, rotavirus, OPV, PCV, FIPV at fourteen weeks and MR-1,booster PCV at nine months. This was done at subsequent vaccinations at six weeks, ten weeks, fourteen weeks and nine months. **Data analysis:** The data analysis was done using descriptive and inferential statistics. It was carried out manually using statistical package for social sciences (SPSS) version 23 and Microsoft Excel. Chi square was used to establish association of vaccine related problems with attributes of children.

RESULTS

The children enrolled were most mostly females i.e 64.7%. According to birth weight majority children ie 84.7% had birth weight more than 2500 gms, children with low birth weight were 15.3% only. Most children were delivered normally i.e. 77.3%. (Table 1)

Table 1: Attributes of children enrolled for the study.

Variables	Categories	No of children (N=150)	
		N	%
Gender	Male	53	35.3
	Female	97	64.7
Birth weight (in gms)	≤2500	23	15.3
	>2500	127	84.7
Type of delivery	Normal	116	77.3
	Caesarean section	34	22.7

Both local reactions and systemic reactions were reported among children. Local reactions included redness, swelling, pain at vaccination site, nodule formation. Systemic problems observed among children were fever, restlessness, irritability, feeding problems, excessive crying. None of the children had any serious adverse reaction.

It was observed that pain at vaccination site, redness and swelling, excessive crying, restlessness& irritability and feeding problems were reported at every immunization event (Table 2) Pain was reported highest at six weeks(94%) followed by ten weeks. Fever 79.1%, redness & swelling 88% and nodule formation 82% were reported high among children from six weeks till fourteen weeks. Excessive crying was reported among all children at six weeks. Fever was reported among more than 75% children at six and ten weeks thereafter decreasing trend from fourteen weeks till nine months was observed with very few (5.4%) at nine months. Drowsiness /sleep disturbance was only observed at six weeks and fourteen weeks.

Table 2: Vaccine related problems at various immunization events.

Time of immunization event	Pain n(%)	Excessive crying n(%)	Redness & swelling n(%)	Nodule formation n(%)	Restlessness& irritability n(%)	Drowsiness / sleep disturbance n(%)	Feeding problems n(%)	Fever n(%)
Birth (BCG OPV Hep B)	77 (51.3)	33 (22)	120 (80)	-	21 (14)	-	49 (32.7)	-
6 weeks (Pentavalent,OPV,RV,FIPV,PCV)	141 (94)	150 (100)	132 (88)	123 (82)	72 (48)	63 (42)	66 (44)	113 (75.3)
10 weeks (Pentavalent,OPV,RV)	128 (92.08)	21 (15.10)	117 (84.2)	110 (79.1)	122 (87.8)	-	74 (53.2)	110 (79.1)
14 weeks (Pentavalent,OPV,RV,FIPV,PCV)	101 (73.2)	63 (45.7)	117 (84.8)	92 (66.7)	84 (60.9)	36 (26.1)	70 (46.4)	58 (42)
9 months (MR,PCV)	83 (63.8)	23 (16.9)	12 (9.2)	-	69 (50)	-	27 (20.8)	7 (5.4)

The chi-square test was used to assess the association between two categorical variables and p < 0.05 was considered statistically significant. Gender and birth weight of children were used to determine association as these have previously been found to be predictors of developing vaccine related problems.

It was observed that gender and birth weight of the child were significantly associated with occurrence of vaccine related problems (Table 3-10). Gender was found significantly associated with pain at vaccination site at birth and ten weeks, excessive crying at birth, redness and swelling at birth, ten weeks, nodule formation at 14 weeks, irritability and restlessness at six and ten weeks, feeding problems at birth and fever at six weeks. According to birth weight, significant associations were found with pain at vaccination site at ten and fourteen weeks,

excessive crying at birth, ten weeks and fourteen weeks, redness and swelling at birth, fourteen weeks and nine months, nodule formation at ten and fourteen weeks, irritability and restlessness at birth feeding problems at six weeks and nine months and fever at six weeks.

Table 3: Association of pain at vaccination site among children with their attributes.

Variables	Categories	Pain at vaccination site									
		At birth N=150		6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	40	13	51	3	29	21	32	17	27	20
	Female	37	60	90	6	87	2	69	20	56	27
		χ2 19.115 p 0.000		χ2 0.154 p 0.694		χ2 36.637 p 0.000		χ2 2.405 p 0.120		χ2 1.306 p 0.253	
Birth weight (in gms)	≤ 2500	16	9	23	2	16	9	11	14	13	12
	>2500	61	64	118	7	100	14	90	23	70	45
		χ2 1.926 p 0.165		χ2 0.212 p 0.644		χ2 8.353 p 0.003		χ2 13.255 p 0.000		χ2 0.669 p 0.413	

Table 4: Association of excessive crying among children with their attributes.

Variables	Categories	Excessive crying									
		At birth N=150		6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	16	37	53	-	11	39	23	26	10	37
	Female	17	80	97	-	22	67	40	49	12	71
		χ2 12.46 p 0.000		NA		χ2 0.130 p 0.717		χ2 0.051 p 0.138		χ21.245 p 0.10	
Birth weight (in gms)	≤ 2500	12	13	25	-	10	15	4	21	1	24
	>2500	21	104	125	-	23	91	59	54	21	84
		χ2 11.818 p 0.000		NA		χ2 4.450 p 0.034		χ2 10.819 p 0.001		χ23.678 p 0.055	

Table 5: Association of redness and swelling among children with their attributes.

Variables	Categories	Redness and swelling									
		At birth N=150		6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	50	3	43	10	44	6	40	9	4	43
	Female	70	27	89	8	73	16	77	12	8	75
		χ210.533 p0.001		χ2 3.660 p 0.055		χ2 9.184 p 0.002		χ2 0.584 p 0.444		χ2 0.045 p 0.830	
Birth weight (in gms)	≤2500	15	10	15	10	19	6	17	8	5	20
	>2500	105	20	117	8	98	16	100	13	7	98
		χ27.5 p0.006		χ2 22.27 p 0.000		χ2= 1.528 p=0.216		χ2 6.667 p 0.009		χ2 4.284 p 0.038	

Table 6: Association of nodule formation among children with their attributes.

Variables	Categories	Nodule formation							
		At birth N=150	6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130
			Yes	No	Yes	No	Yes	No	
Gender	Male	NA	43	10	42	8	39	10	NA
	Female		80	17	68	21	53	36	
			χ2 0.0418 p 0.837		χ2 1.118 p 0.290		χ2 5.711 p 0.016		
Birth weight (in gms)	≤ 2500	NA	20	5	16	9	10	15	NA
	>2500		103	22	94	20	82	31	
			χ2 0.081 p 0.775		χ2 4.230 p 0.039		χ2 9.769 p 0.007		

Table 7: Association of irritability and restlessness among children with their attributes.

Variables	Categories	Irritability and restlessness									
		At birth N=150		6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	10	43	13	40	40	10	28	21	22	25
	Female	11	86	59	38	82	7	56	33	43	40
		χ2 1.616 p 0.204		χ2 18.090 p 0.000		χ2 4.391 p 0.036		χ2 0.443 p 0.505		χ2 0.299 p 0.598	
Birth weight (in gms)	≤2500	8	17	8	17	20	5	18	7	15	10
	>2500	13	112	64	61	102	12	66	47	50	55
		χ2 8.073 p 0.004		χ2 3.076 p 0.079		χ2 1.714 p 0.190		χ2 1.588 p 0.207		χ2 1.238 p 0.265	

Table 8: Association of feeding problems among children with their attributes.

Variables	Categories	Feeding problems									
		At birth N=150		6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	10	43	23	30	28	22	25	24	9	42
	Female	39	58	43	54	46	43	39	44	18	65
		χ2 7.094 p 0.007		χ2 0.012 p 0.912		χ2 0.200 p 0.654		χ2 0.200 p 0.654		χ2 0.320 p 0.571	
Birth weight (in gms)	≤ 2500	6	19	6	19	12	13	12	13	10	15
	>2500	43	82	60	65	62	52	52	61	17	88
		χ2 1.024 p 0.311		χ2 4.870 p 0.027		χ2 0.335 p 0.562		χ2 0.324 p 0.172		χ2 6.956 p 0.008	

Table 9: Association of fever among children with their attributes.

Variables	Categories	Fever							
		At birth N=150	6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130
			Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	NA	31	22	37	13	20	29	2	45
	Female		82	17	73	24	38	51	5	78
			χ2 2.152 p 0.144		χ2 0.027 p 0.867		χ2 0.045 p 0.830		χ2 0.184 p 0.667	
Birth weight (in gms)	≤ 2500	NA	13	12	18	7	12	13	1	24
	>2500		100	25	92	22	46	67	6	99
			χ2 8.878 p 0.003		χ2 0.940 p 0.332		χ2 0.446 p 0.503		χ2 0.116 p 0.73	

Table 10: Association of drowsiness/sleep disturbance among children with their attributes.

Variables	Categories	Drowsiness/sleep disturbance								
		At birth N=150	6 weeks N=150		10 weeks N=139		14 weeks N=138		9 months N=130	
			Yes	No	Yes	No	Yes	No	Yes	No
Gender	Male	NA	20	33	NA		11	38	NA	
	Female		43	54			25	64		
			χ2 0.612				χ2 0.522			
			p 0.102				p 0.126			
Birth weight (in gms)	≤ 2500	NA	8	15	NA		7	16	NA	
	>2500		55	72			29	86		
			χ2 0.581				χ2 0.271			
			p 0.139				p 0.173			

DISCUSSION

Immunization is an important intervention related to child health. Although vaccine are safe but not without side effects or problems. The present study focuses on vaccine related problems occurring among children after vaccination during primary immunizations as reported by their primary caregivers. The study consisted of children born as normal terms new-borns enrolled at their first vaccination (at birth). Majority children under study were females i.e 64.7%. Most children (84.7%) in the study had normal birth weight (ie. > 2500gms) and had a normal delivery (77.3%). It was also observed that most local and systemic problems appeared within the same day of vaccination and recovered within the same week. Mittal S et al also conducted a study in northern state of India and reported similar pattern of appearance of AEFIs after immunization of children (4). Karami M et al observed that the incidence of vaccine related problem among children was, 15.8% for swelling, 10.9% for redness, 44.2% for pain, 12.6% for mild fever, 0.1% for high fever, 20.0% for drowsiness, 15.0% for loss of appetite, 32.9% for irritability, 4.6% for vomiting and 5.5% for persistent crying(5). Sebastian J et al found that apart from fever having the highest incidence (10.9%) of vaccine side effect, other were followed by persistent crying (0.24%) and diarrhoea (0.17%)(6). The current study observed pain at vaccination site (51.3%), redness and swelling among 80% children, excessive crying was seen in 22% children and feeding problems was reported by 32.7% at first vaccination event. Redness

and swelling at immunization site was seen at all events. It was among most children (80%) at birth and was maximum at nodule formation after Pentavalent vaccination was a common occurring among all children.

Fever is known to be associated with pertussis component of Pentavalent vaccine. It was reported among more than 80% children. Contrary to previous study done by Sebastian et al that reported a decrease in fever incidence at successive Pentavalent vaccine administration (6), current study did not observe same pattern. It occurred around 6 - 14 weeks of immunization mainly. Pentavalent vaccine and BCG have long been majorly implicated for AEFIs among children(6). Results from researches conducted in other countries by Hu Y et al in China and Sharafi et al in Iran, also report mild fever and injection site reaction after Pentavalent vaccination(7,8). Drowsiness/sleep disturbance was observed only at 6 weeks and 14 weeks. The current study reports more diverse and higher incidences of AEFIs as compared to previous studies that mainly report fever, redness swelling and excessive crying (9-11). While most others studies have observed AEFIs at single immunization event, present study reports vaccine related problems during primary immunizations among the children followed through and up to nine months.

In the majority of cases, AEFI shows a temporal association between vaccination and adverse events and not a causal relationship between the two. Although most adverse events are minor (e.g. pain, swelling, redness at the injection site, fever), more serious reactions

(e.g. seizures, anaphylaxis) can occur, though at a very low frequency. No significant association was found of AEFI with age and gender (p > 0.05) (4). However, Sebastian J et al in his study indicated age (neonate) and low birth weight as predictors of AEFIs in children irrespective of the vaccine administered (6).

The investigator in the current study observed that pain at vaccination site was significantly associated with gender at birth and with birth weight at six and fourteen weeks (Table 3). Excessive crying significantly associated with gender at birth and with birth weight at fourteen weeks (Table 4). Redness and swelling was not influenced by gender but was found to be influenced by birth weight at all immunization events except at ten weeks (Table 5). Nodule formation was found among children from six to fourteen weeks. While gender was found associated significantly with redness and swelling, birth weight was found significantly associated at six weeks and fourteen weeks (Table 6). Irritability and restlessness was found significantly associated with birth weight at birth and ten weeks (Table 7). Feeding problems associated with gender at six weeks only (Table 8). Fever was present at all vaccination events except at birth and was found to be associated with birth weight at six, ten and fourteen weeks (Table 9). None of the child's attributes was found to influence drowsiness /sleep disturbance among children (Table 10).

Although the incidence of AEFI reported was high, all of them were minor and no serious AEFI was identified in our study, while others, like Joshi et al., reported 0.7% AEFIs to be serious (12) and Arora et al. reported 365 hospitalizations and 17 deaths during four-week follow-up (13).

CONCLUSION

AEFIs were studied among one fifty children enrolled at birth and followed till nine months. Vaccine related problems (AEFIs) were reported by mothers at every vaccination event however all the reported vaccine related problems were mild /non serious reactions. Pain, redness & swelling, excessive crying and fever were the main problems. Feeding problems were also reported at every

immunization event. None of the child had the serious adverse reaction nor needed any hospitalization due to vaccine related problems.

LIMITATION

The study included children vaccinated in a Government hospital. Self- reported vaccine related problems were recorded. Any concurrent illness among children was not taken into account. Direct observation was not done.

AUTHORS CONTRIBUTION

All authors have contributed equally.

FINANCIAL SUPPORT AND SPONSORSHIP

Nil

CONFLICT OF INTEREST

There are no conflicts of interest.

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Annexure XIV

SOMI- UCON E-CONFERENCE (CHANDIGARH CHAPTER)
THEME: RESPECTFUL MATERNITY CARE

CERTIFICATE

This is to certify that Dr./Mr./Ms. **Neeti Sharma** presented paper, titled "Caregivers experiences and practices related to management of vaccine related problems among children" in e-Conference on **"Respectful Maternity Care"** of Society of Midwives India (SOMI) Chandigarh chapter held on 29th – 30th March 2022, organized by University College of Nursing, a Constituent college of BFUHS, Faridkot.

DR. AVINASH RANA	DR.SUSHMA SAINI	PROF.BHUPINDER KAUR	DR. HARDEEP KAUR
PRESIDENT SOMI CHANDIGARH CHAPTER	SECRETARY SOMI CHANDIGARH CHAPTER	ORG. CHAIRPERSON UCON,FARIDKOT	ORG. SECRETARY UCON,FARIDKOT

AKAL COLLEGE OF NURSING
ETERNAL UNIVERSITY

(Recognized by UGC, INC, HPNRC & Accredited by NAAC)
Baru Sahib, Rajgarh, Distt. Sirmour, Himachal Pradesh, India

Certificate Of Appreciation

This is to certify that Dr./Prof./Mr./Ms./Mrs. NEETI SHARMA has presented
SCIENTIFIC PAPER/ CONCEPT PAPER/ POSTER entitled *Effectiveness of an need based intervantional package regarding primary immunisation in terms of primary caregiver's awareness* and won **I** Prize in

10th International Conference

on

"ADVANCED PRACTICES IN FORENSIC NURSING"

(14th & 15th OCTOBER, 2022)

Dr. Anupama. K
Principal
Akal College of Nursing

Dr. Harpreet Kaur
Administrative Officer
Akal College of Health & Allied Sciences

Dr. Neelam Kaur
Advisor, Health & Education
The Kalgidhar Trust

Dr. Davinder Singh
Chancellor, Eternal University
President, The Kalgidhar Trust

A-73

Subjects	Age	Marital Status	Education	Occupation	Religion	Type of family	Number of family members	famliy income per month	type of locality	Relationship of baby with the caregiver	Number of children	Gender of the youngest child	Birth weight of the youngest child (in gms)	Type of delivery of the youngest child
rx 1	2	1	1	3	1	2	6	4	2	1	3	2	3	1
rx 2	2	1	2	3	1	2	7	4	2	1	2	1	4	1
rx 3	3	1	2	3	1	2	8	3	2	1	1	2	2	2
rx 4	2	1	4	3	1	2	11	4	2	1	1	2	3	1
rx 5	5	1	1	1	1	1	5	5	2	1	3	2	2	1
rx 6	1	1	2	3	1	1	4	5	2	1	1	1	4	1
rx 7	2	1	2	3	1	2	9	4	2	1	1	2	4	1
rx 8	3	1	3	1	1	1	3	3	1	1	1	2	3	1
rx 9	3	1	1	3	1	1	6	4	2	1	3	1	4	1
rx 10	2	1	3	3	1	1	3	4	1	1	1	2	3	2
rx 11	2	1	2	1	2	2	5	4	2	1	1	1	3	1
rx 12	2	1	2	2	1	1	3	4	2	1	1	2	3	1
rx 13	3	1	4	3	1	1	3	5	2	1	1	2	4	1
rx 14	2	1	1	3	1	2	4	3	2	1	1	2	4	1
rx 15	5	1	2	3	1	1	3	4	1	1	1	1	3	1
rx 16	1	1	2	3	3	2	4	4	2	1	2	2	4	
rx 17	2	1	3	1	1	1	3	5	1	1	1	2	3	2
rx 18	3	1	1	3	1	1	3	4	2	1	1	1	3	1
rx 19	3	1	3	3	1	2	5	4	2	1	1	2	3	1
rx 20	2	1	2	2	1	1	3	3	2	1	1	2	4	1
rx 21	2	1	2	3	1	1	3	4	2	1	1	2	4	1
rx 22	2	1	4	3	1	2	4	5	1	1	1	1	3	1
rx 23	3	1	1	3	2	1	3	4	2	1	1	2	4	1
rx 24	2	1	2	2	3	1	4	3	1	1	2	2	3	1
rx 25	5	1	2	1	1	2	5	4	2	1	1	1	3	1
rx 26	1	1	3	1	1	1	3	4	2	1	1	2	3	1
rx 27	2	1	1	1	1	1	4	5	2	1	2	2	4	1
rx 28	3	1	2	2	1	2	4	4	2	1	1	2	4	1
rx 29	3	1	2	1	1	1	4	6	1	1	2	1	3	2
rx 30	2	1	4	3	3	1	3	5	2	1	1	1	3	1
rx 31	2	1	1	1	1	2	5	5	1	1	1	2	3	1
rx 32	2	1	2	3	1	1	3	6	2	1	1	2	4	1
rx 33	3	1	2	3	1	2	5	5	2	1	1	2	4	2
rx 34	2	1	3	3	1	1	3	4	2	1	1	1	3	1
rx 35	5	1	1	3	1	1	4	6	2	1	2	2	3	1
rx 36	1	1	2	2	1	2	7	6	1	1	1	2	3	2
rx 37	2	1	2	1	1	1	4	6	2	1	1	2	3	1
rx 38	3	1	4	1	1	2	5	6	1	1	2	1	4	2
rx 39	3	1	1	1	1	1	3	6	2	1	1	2	4	1
rx 40	2	1	2	2	1	1	4	4	2	1	2	2	3	1

rx 41	2	1	2	3	1	1	3	4	2	1	1	1	3	1
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rx 43	3	1	1	3	1	1	3	4	2	1	1	2	3	1
rx 44	2	1	2	2	1	2	4	4	1	1	1	2	4	1
rx 45	5	1	2	1	1	1	3	5	2	1	1	1	4	1
rx 46	1	1	4	1	1	1	4	5	2	1	2	1	3	1
rx 47	2	1	1	1	1	2	5	5	2	1	1	2	3	2
rx 48	3	1	2	2	1	1	4	4	2	1	2	2	2	1
rx 49	3	1	2	3	1	2	6	4	1	1	2	2	3	1
rx 50	2	1	3	3	3	1	3	4	2	1	1	1	3	2
rx 51	2	1	1	3	1	1	3	4	1	1	1	2	3	1
rx 52	2	1	2	2	1	2	7	4	2	1	2	2	4	1
rx 53	3	1	2	1	1	1	4	4	2	1	1	1	3	1
rx 54	2	1	4	1	1	1	3	4	2	1	1	2	3	2
rx 55	5	1	1	3	1	2	4	4	2	1	1	2	3	1
rx 56	1	1	2	3	1	1	3	4	1	1	1	2	4	1
rx 57	2	1	2	3	1	1	3	4	2	1	1	1	4	1
rx 58	3	1	3	2	1	2	8	4	2	1	2	2	3	1
rx 59	3	1	1	1	1	2	4	4	2	1	1	1	2	2
rx 60	2	1	2	1	1	1	3	4	1	1	1	2	3	2
rx 61	2	1	2	1	3	1	4	4	2	1	2	2	2	1
rx 62	2	1	4	2	1	2	6	4	1	1	2	2	4	1
rx 63	3	1	1	3	1	2	5	4	2	1	1	1	4	1
rx 64	2	1	2	3	1	1	3	4	2	1	1	1	3	1
rx 65	5	1	2	3	1	1	3	4	2	1	1	2	3	2
rx 66	1	1	2	2	1	2	5	4	2	1	1	2	3	1
rx 67	2	1	2	1	1	2	4	4	1	1	1	1	3	1
rx 68	3	1	4	1	1	1	3	4	2	1	1	1	4	1
rx 69	3	1	1	1	2	1	4	4	1	1	2	2	4	1
rx 70	2	1	2	2	1	2	6	4	2	1	2	2	3	1
rx 71	2	1	2	3	1	2	5	4	2	1	1	1	4	1
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rx 73	3	1	1	3	1	1	3	4	2	1	1	2	3	1
rx 74	2	1	3	3	1	2	5	4	1	1	1	2	3	1
rx 75	5	1	1	3	3	1	3	4	2	1	1	1	4	1

Subjects	Age	Marital Status	Education	Occupation	Religion	Type of family	Number of family members	famlily income per month	type of locality	Relationship of baby with the caregiver	Number of children	Gender of the youngest child	Birth weight of the youngest child (in gms)	Type of delivery of the youngest child
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ctrl4	2	1	4	2	1	2	6	3	1	1	1	1	3	2
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ctrl6	1	1	2	2	1	1	4	3	2	1	1	1	4	1
ctrl7	2	1	2	3	1	2	9	3	1	1	1	1	4	1
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ctrl9	3	1	2	3	1	1	3	5	1	1	3	1	4	1
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ctrl43	3	1	1	3	1	1	3	5	2	1	1	2	2	2
ctrl44	2	1	3	3	1	2	4	5	1	1	1	2	4	1
ctrl45	5	1	2	3	1	1	3	4	2	1	1	1	4	1
ctrl46	1	1	4	1	1	1	4	4	2	1	2	1	2	1
ctrl47	2	1	3	1	1	2	5	4	2	1	1	2	3	2
ctrl48	2	1	2	2	1	1	4	4	2	1	2	2	2	2
ctrl49	2	1	2	3	1	2	6	4	1	1	1	2	3	1
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ctrl51	2	1	1	3	1	1	3	4	1	1	1	2	2	1
ctrl52	2	1	2	2	1	2	7	4	2	1	2	2	4	1
ctrl53	3	1	2	1	1	1	4	5	2	1	1	1	2	1
ctrl54	2	1	4	1	1	1	3	4	2	1	1	2	3	2
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ctrl57	2	1	2	3	1	1	3	4	2	1	1	1	4	1
ctrl58	3	1	3	2	1	2	6	6	2	1	2	2	3	1
ctrl59	3	1	1	1	1	2	4	4	2	1	1	1	2	2
ctrl60	2	1	2	1	1	1	3	4	1	1	1	2	3	2
ctrl61	2	1	2	1	3	1	4	6	2	1	2	2	2	1
ctrl62	2	1	4	2	1	2	5	4	1	1	2	2	4	1
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ctrl64	2	1	2	3	1	1	3	4	2	1	1	1	3	1
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ctrl66	1	1	2	2	1	2	5	5	2	1	1	2	3	1
ctrl67	2	1	2	1	1	2	5	5	1	1	1	1	3	1
ctrl68	3	1	4	1	1	1	3	4	2	1	1	1	4	1
ctrl69	3	1	1	1	2	1	4	4	1	1	2	2	4	1
ctrl70	2	1	2	2	1	2	6	4	2	1	2	2	3	1
ctrl71	2	1	2	3	1	2	5	4	2	1	1	1	4	1
ctrl72	2	1	3	3	1	1	3	4	2	1	1	2	3	2
ctrl73	3	1	1	3	1	1	3	4	2	1	1	2	3	1
ctrl74	2	1	3	3	1	2	5	4	1	1	1	2	3	1
ctrl75	5	1	1	3	3	1	3	4	2	1	1	1	4	1

Subjects	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22
rx 1	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 2	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 3	1	0	0	1	0	1	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0
rx 4	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 5	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 6	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
rx 7	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 8	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 9	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 10	1	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0
rx 11	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 12	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 13	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
rx 14	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 15	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 16	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 17	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0
rx 18	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 19	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 20	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 21	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 22	0	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
rx 23	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 24	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 25	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
rx 26	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 27	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 28	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 29	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 30	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
rx 31	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 32	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 33	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 34	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
rx 35	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 36	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 37	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 38	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	1	0
rx 39	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 40	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1

rx 41	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 42	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 43	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 44	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 45	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1
rx 46	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 47	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 48	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 49	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 50	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 51	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 53	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 54	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 55	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 56	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 57	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0
rx 58	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 59	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 60	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 61	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 62	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 63	1	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	1	0	0
rx 64	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 65	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 66	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 67	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 68	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 69	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 70	1	0	0	1	1	1	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0
rx 71	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 72	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 73	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 74	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
rx 75	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1

Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	TOTAL
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	1	0	0	0	1	1	1	1	0	1	1	1	1	0	0	1	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	15
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	1	1	0	0	14
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	16
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	16
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	14
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25

0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
1	0	0	0	1	1	1	0	1	1	0	0	0	0	1	0	0	1	0	0	1	17
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	1	0	1	0	0	0	25
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	22
1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	11
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	24
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	23
0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	16
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	23
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	1	0	1	1	0	0	0	0	1	1	1	1	1	0	0	1	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	23
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	17
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22

Subjects	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22
rx 1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 3	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 4	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 5	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 6	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 7	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 8	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 10	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 11	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 12	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 13	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 14	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 15	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 16	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 17	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1
rx 18	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 19	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 20	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 21	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 22	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 23	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 25	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 26	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 27	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 28	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 29	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 30	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 31	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 32	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 33	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 34	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 36	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 37	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 38	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1

rx 39	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 40	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 41	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 42	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 43	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1
rx 44	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 45	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 46	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 47	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 48	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 49	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 50	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 51	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 52	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 53	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 54	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 55	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1
rx 56	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 57	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 58	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 59	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 60	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 61	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 62	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 63	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 64	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 65	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 66	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 67	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 68	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 69	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 70	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 71	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 72	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 73	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 74	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 75	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1

Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	TOTAL
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	38
1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	1	1	28
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	32
1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	26
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37

1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	1	1	28
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	32
1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	26
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	1	1	28
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	32
1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	26
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	38

SECTION – II Mothers Knowledge at 9 months in interventional group

Subjects	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22
rx 1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 3	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 4	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 5	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 6	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 7	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 8	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 9	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
rx 10	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 11	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 12	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 13	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 14	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 15	1	0	0	0	1	0	1	0	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 16	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1
rx 17	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	1
rx 18	1	0	0	0	1	0	1	0	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 19	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1
rx 20	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
rx 21	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 22	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 23	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 25	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 26	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 27	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 28	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 29	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 30	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 31	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 32	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 33	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 34	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 36	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 37	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 38	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1

rx 39	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 40	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 41	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 42	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 43	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1
rx 44	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 45	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 46	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 47	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 48	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 49	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 50	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 51	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 52	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 53	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
rx 54	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 55	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1
rx 56	1	0	0	0	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
rx 57	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
rx 58	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
rx 59	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
rx 60	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1
rx 61	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
rx 62	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
rx 63	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1
rx 64	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1
rx 65	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
rx 66	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0

Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	TOTAL
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	39
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	35
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	35
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	31
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	35
1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	28
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	1	25
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	1	28
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	39
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	33
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	36
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	1	1	11	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1
1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	38
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37

1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	1	1	28
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	32
1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	26
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	1	1	28
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	32
1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	26
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	27
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	30
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	42
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31
1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	30
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	38
1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	39
1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	31
1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	34
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	37
1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	31

SECTION – II Mothers Knowledge at birth in control group

Subjects	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22
ctrl 1	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 2	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 3	1	0	0	1	0	1	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0
ctrl 4	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 5	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	1
ctrl 6	1	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 7	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 8	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 9	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1
ctrl 10	1	0	0	0	0	1	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0
ctrl 11	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 12	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 13	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
ctrl 14	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 15	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 16	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 17	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0
ctrl 18	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 19	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 20	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 21	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 22	0	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
ctrl 23	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
ctrl 25	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 26	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 27	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 28	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 29	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 30	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 31	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 32	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 33	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 34	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
ctrl 35	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 36	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 37	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 38	1	0	0	1	0	0	0	1	1	0	1	0	0	1	0	1	1	0	0	0	1	0

ctrl 39	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 40	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 41	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 42	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 43	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 44	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 45	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1
ctrl 46	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 47	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 48	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 49	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 50	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 51	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 53	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 54	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 55	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 56	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 57	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0
ctrl 58	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 59	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 60	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 61	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 62	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 63	1	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	1	0	0
ctrl 64	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 65	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 66	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 67	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 68	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 69	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 70	1	0	0	1	1	1	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0
ctrl 71	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 72	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 73	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 74	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 75	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1

Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	TOTAL
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	20
0	0	0	1	0	0	0	1	1	1	1	0	1	1	1	1	0	0	1	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	18
0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	15
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	24
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	22
0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	1	1	1	0	0	12
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	15
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	19
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	23
0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	16
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	24
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	14

1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1		24
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	23
1	0	0	0	1	1	1	0	1	1	0	0	0	0	1	0	0	1	0	0	1	17
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1		21
1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	24
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	11
1	1	1	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	22
1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	11
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	24
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	23
0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	16
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	23
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	1	0	1	1	0	0	0	0	1	1	1	1	1	0	0	1	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	23
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	17
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22

Subjects	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
ctrl 1	1	1	1	0	1	1	1	0	1	0
ctrl 2	1	0	1	1	1	1	1	0	1	1
ctrl 3	1	0	0	1	0	1	0	1	0	0
ctrl 4	1	0	0	0	1	0	1	0	1	0
ctrl 5	1	0	0	0	0	0	0	0	1	0
ctrl 6	1	0	0	0	0	1	0	0	0	0
ctrl 7	1	1	1	1	1	1	1	1	1	1
ctrl 8	1	0	1	1	1	1	1	1	1	1
ctrl 9	1	0	0	0	0	0	0	0	1	0
ctrl 10	1	0	0	0	0	1	0	1	0	0
ctrl 11	1	0	0	0	0	0	1	0	1	0
ctrl 12	1	1	1	1	0	0	0	0	1	1
ctrl 13	1	1	1	0	0	1	0	0	0	0
ctrl 14	1	1	0	1	0	1	1	0	0	0
ctrl 15	1	1	1	1	0	1	1	1	1	1
ctrl 16	1	1	1	1	0	0	0	0	1	1
ctrl 17	0	0	0	0	0	1	1	1	0	0
ctrl 18	1	0	0	0	1	0	1	0	1	0
ctrl 19	1	0	0	0	0	0	0	0	1	1
ctrl 20	1	0	0	0	1	0	1	0	1	0
ctrl 21	1	1	1	1	1	0	0	0	1	1
ctrl 22	0	1	0	1	1	1	1	1	1	0
ctrl 23	1	0	0	0	1	0	1	0	1	0
ctrl 24	1	1	0	0	0	0	0	0	0	0
ctrl 25	1	1	1	0	0	1	0	0	0	0
ctrl 26	1	1	0	1	0	1	1	0	0	0
ctrl 27	1	0	0	0	1	0	1	0	1	0
ctrl 28	1	1	1	1	1	0	0	0	1	1
ctrl 29	1	1	0	0	0	0	0	0	0	1
ctrl 30	1	1	1	0	0	1	0	0	0	0
ctrl 31	1	1	0	1	0	1	1	0	0	0
ctrl 32	1	0	0	0	1	0	1	0	1	1
ctrl 33	1	1	1	1	1	0	0	0	1	1
ctrl 34	1	0	0	1	1	1	1	1	1	0
ctrl 35	1	0	0	0	1	0	1	0	1	0
ctrl 36	1	1	1	1	1	0	0	0	1	1
ctrl 37	1	0	0	0	1	0	1	0	1	0
ctrl 38	1	0	0	1	0	0	0	1	1	0
ctrl 39	1	0	0	0	1	0	1	0	1	0
ctrl 40	1	1	1	1	1	0	0	0	1	1
ctrl 41	1	1	0	0	0	1	0	0	0	0
ctrl 42	1	1	0	1	0	1	1	0	0	0
ctrl 43	1	0	0	0	1	0	1	0	1	0
ctrl 44	1	1	1	1	1	0	0	0	1	1
ctrl 45	1	0	1	1	1	0	0	0	0	0
ctrl 46	1	0	0	0	1	0	1	0	1	0
ctrl 47	1	1	1	1	1	0	0	0	1	1
ctrl 48	1	1	0	0	0	1	0	0	0	0
ctrl 49	1	1	0	1	0	1	1	0	0	0
ctrl 50	1	0	0	0	1	0	1	0	1	0
ctrl 51	1	1	1	1	1	0	0	0	1	1
ctrl 52	0	0	0	0	0	0	0	0	0	0
ctrl 53	1	0	0	0	1	0	1	0	1	0
ctrl 54	1	1	1	1	1	0	0	0	1	1
ctrl 55	1	0	0	0	1	0	1	0	1	0
ctrl 56	1	1	1	1	1	0	0	0	1	1
ctrl 57	0	0	0	1	1	1	1	0	0	0
ctrl 58	1	0	0	0	1	0	1	0	1	0
ctrl 59	1	1	1	1	1	0	0	0	1	1
ctrl 60	1	1	0	0	0	1	0	0	0	0
ctrl 61	1	1	0	1	0	1	1	0	0	0
ctrl 62	1	0	0	0	1	0	1	0	1	0
ctrl 63	1	1	1	1	0	0	0	1	0	0
ctrl 64	1	0	0	0	1	0	1	0	1	0
ctrl 65	1	1	1	1	1	0	0	0	1	1
ctrl 66	1	1	0	0	0	1	0	0	0	0
ctrl 67	1	1	0	1	0	1	1	0	0	0
ctrl 68	1	1	1	1	1	1	1	1	1	1
ctrl 69	1	1	1	1	1	0	0	0	1	1
ctrl 70	1	0	0	1	1	1	0	0	0	0
ctrl 71	1	0	0	0	1	0	1	0	1	0
ctrl 72	1	1	1	1	1	0	0	0	1	1
ctrl 73	1	1	1	0	0	1	0	0	0	0
ctrl 74	1	1	0	1	0	1	1	0	0	0
ctrl 75	1	0	0	0	1	0	1	0	1	0

Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
0	0	1	1	1	1	0	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
1	1	1	1	1	1	1	0	0	0	0
1	1	1	1	1	1	1	11	1	1	1
0	0	0	0	0	0	1	1	1	1	1
0	1	1	1	1	1	0	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
0	0	0	1	1	1	1	0	0	1	0
1	1	1	1	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
0	0	0	1	0	1	0	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
0	0	1	1	1	1	0	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
0	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
0	0	0	1	1	1	1	0	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	1	1	1
1	0	0	0	0	0	1	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	0	0	1	0	1	1	0	0	0	1
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
0	0	0	1	1	1	1	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	0	0	0	1
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
0	0	0	1	1	1	1	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
0	0	1	1	1	0	1	1	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
0	0	0	1	1	1	1	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
0	1	0	0	0	0	1	1	0	1	0
1	1	1	1	1	1	1	1	1	1	1
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
0	0	0	1	1	1	1	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
0	1	1	0	1	0	1	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0
0	0	0	1	1	1	1	0	0	0	0
1	0	0	0	0	0	1	1	1	1	1

Q22	Q23	Q24	Q25	Q26	1	Q28	Q29	Q30	Q31	Q32
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	0	0	0	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	0	0	0	0	1	0	0
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	0	0	0	0	1	1	0
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	0	1	1	0	0	1	1	1
0	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	0	0	0	0	0	1	0
1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	1
0	0	0	0	0	0	1	1	1	1	0
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	1	1	1	1	1	1
0	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	0	0	0	1	1	1	0	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	1	1	1	1	1	1
0	0	0	0	0	0	1	0	0	0	0
1	1	1	1	0	1	0	1	0	1	0
1	1	1	1	1	1	1	1	0	0	0
0	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	0	0	0	0	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	1	1
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	0	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	1	0	0	0	0	1
1	1	1	1	1	1	1	1	0	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0

Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	TOTAL
0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	0	0	1	0	0	0	1	1	25
1	0	1	1	1	1	0	0	1	0	0	18
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	0	1	0	1	1	25
0	0	0	0	0	0	0	0	0	0	0	10
1	1	1	0	1	0	0	0	0	0	0	26
0	0	0	0	0	1	0	1	0	1	1	42
0	0	0	0	0	1	0	0	0	1	1	18
0	1	1	1	1	1	1	0	0	0	0	15
0	0	0	0	0	1	0	1	0	1	1	21
0	0	0	0	0	1	0	1	0	1	1	24
0	0	0	0	0	0	0	0	0	0	0	12
1	1	1	0	1	0	0	0	0	0	0	25
0	0	0	0	0	1	0	1	0	1	1	30
0	0	0	0	0	0	0	0	0	1	1	22
0	0	1	0	0	0	1	1	1	0	0	12
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	0	1	0	1	1	21
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	0	0	0	1	1	24
1	1	0	0	0	0	0	0	0	0	0	15
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	0	1	0	1	1	19
0	0	0	0	0	0	0	0	0	0	0	12
1	1	1	0	1	0	0	0	0	0	0	27
1	1	1	1	1	1	0	1	0	1	1	28
0	0	0	0	0	1	0	0	0	1	1	29
0	0	0	0	0	1	0	1	0	1	1	21
1	1	1	1	11	0	0	0	0	0	0	37
1	1	1	1	0	0	0	0	0	0	0	18
0	0	0	0	0	0	0	1	0	1	1	27
0	0	0	0	0	0	0	0	0	1	1	23
1	1	1	1	0	0	0	0	0	0	0	16
1	1	1	1	1	1	0	1	0	1	1	29
0	0	0	0	0	0	0	1	0	1	1	24
1	1	1	1	1	1	0	1	0	1	1	30
0	0	1	0	0	0	0	0	0	0	0	14
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	0	0	1	0	1	1	24
1	1	1	1	1	1	0	0	0	0	0	23
1	1	1	0	0	1	0	0	0	0	0	18
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	0	0	0	0	1	1	23
0	0	0	0	1	0	0	1	0	0	1	17
0	1	1	0	0	0	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	24
0	0	0	0	1	0	0	0	0	0	0	11
1	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	0	0	0	0	0	22
0	0	1	1	1	1	1	0	0	0	0	11
0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	1	0	1	0	33
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	0	0	0	1	0	23
1	1	1	0	0	0	0	0	0	1	0	16
0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	0	1	0	1	0	0	0	29
0	0	0	0	0	0	0	0	0	0	0	11
1	1	1	0	1	0	0	0	0	0	0	18
0	0	0	0	0	1	0	1	0	1	1	22
0	1	1	1	1	1	0	0	1	0	0	18
0	0	0	0	0	1	0	1	0	1	1	27
0	0	0	0	0	1	0	0	0	1	0	23
0	0	0	0	0	0	0	0	0	0	0	11
1	1	1	0	1	0	0	0	0	0	0	18
0	0	0	0	0	1	0	1	0	1	1	32
0	0	0	0	0	1	0	0	0	1	1	24
1	1	1	17	1	1	0	0	0	0	0	17
0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	0	0	1	0	1	0	1	0	25
0	0	0	0	0	0	0	0	0	0	0	12
1	1	1	0	1	0	0	0	0	0	0	18
0	0	0	0	0	1	0	1	0	1	1	22

SECTION – II Mothers Knowledge at 9 MONTHS in control group

Subjects	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22
ctrl 1	1	1	1	0	1	1	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 2	1	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 3	1	0	0	1	0	1	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0
ctrl 4	1	0	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ctrl 5	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
ctrl 6	1	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0
ctrl 8	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	1	1	1	1
ctrl 9	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1
ctrl 10	1	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0
ctrl 11	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 12	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 13	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1
ctrl 14	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1
ctrl 15	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
ctrl 16	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 17	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1
ctrl 18	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 19	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 20	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 21	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 22	0	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
ctrl 23	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
ctrl 25	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 26	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1
ctrl 27	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 28	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ctrl 29	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 30	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1
ctrl 31	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 32	1	0	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ctrl 33	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 34	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
ctrl 35	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 36	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 37	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 38	1	0	0	1	0	0	0	1	1	0	1	0	0	1	0	1	1	0	0	0	1	0
ctrl 39	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 40	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 41	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 42	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 43	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 44	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1

ctrl 45	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1
ctrl 46	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 47	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 48	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 49	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 50	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 51	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 53	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 54	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 55	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 56	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 57	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0
ctrl 58	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 59	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 60	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
ctrl 61	1	1	0	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
ctrl 62	1	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1
ctrl 63	1	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	1	0	0
ctrl 64	1	0	0	0	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1

Q23	Q24	Q25	Q26	1	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	TOTAL
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	25
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	25
0	0	0	1	0	0	0	1	1	1	1	0	1	1	1	1	0	0	1	0	0	18
1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	0	1	1	32
1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0	1	1	30
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	33
1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	1	0	1	1	44
1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	20
0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	17
1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	1	0	1	1	23
1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	1	0	1	1	26
1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	25
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	30
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	22
1	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	1	1	1	0	0	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	24
0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	15
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	19
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	27
1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	0	1	1	28
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	29
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	21
1	1	0	1	0	0	1	1	1	1	1	1	1	1	11	0	0	0	0	0	0	37
0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	27
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	23
0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	16
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	29
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	24
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	30
0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	14
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	24
0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	23
0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	23

																					Sum
1	0	0	0	1	1	1	0	1	1	0	0	0	0	1	0	0	1	0	0	1	17
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	21
1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	24
0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	24
0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	11
1	1	1	0	1	0	1	0	1	0	1	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	22
1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	11
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	33
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	23
0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	16
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0	0	0	0	29
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	22
0	0	0	1	0	1	1	0	0	0	0	1	1	1	1	1	0	0	1	0	0	18
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	27

Subjects	item1	item 2	item3	item4	item5	item6	score
rx 1	2	2	2	1	1	1	9
rx 2	2	2	2	2	2	2	12
rx 3	2	2	2	1	1	1	9
rx 4	3	3	2	3	2	2	15
rx 5	3	3	3	2	2	2	15
rx 6	2	3	2	2	1	1	11
rx 7	2	2	2	2	2	2	12
rx 8	2	2	2	1	1	1	9
rx 9	3	3	2	3	2	2	15
rx 10	3	3	3	2	2	2	15
rx 11	2	3	2	2	1	1	11
rx 12	2	2	2	2	2	2	12
rx 13	2	2	2	1	1	1	9
rx 14	3	3	2	3	2	2	15
rx 15	3	3	3	2	2	2	15
rx 16	2	3	2	2	1	1	11
rx 17	3	3	2	3	2	2	15
rx 18	3	3	3	2	2	2	15
rx 19	2	3	2	2	1	1	11
rx 20	2	2	2	2	2	2	12
rx 21	2	2	2	1	1	1	9
rx 22	3	3	2	3	2	2	15
rx 23	3	3	2	3	2	2	15
rx 24	3	3	3	2	2	2	15
rx 25	2	3	2	2	1	1	11
rx 26	3	3	2	3	2	2	15
rx 27	3	3	3	2	2	2	15
rx 28	2	3	2	2	1	1	11
rx 29	3	3	2	3	2	2	15
rx 30	3	3	3	2	2	2	15
rx 31	2	3	2	2	1	1	11
rx 32	2	3	2	2	1	1	11
rx 33	2	2	2	2	2	2	12
rx 34	2	2	2	1	1	1	9
rx 35	3	3	2	3	2	2	15
rx 36	3	3	2	3	2	2	15
rx 37	3	3	3	2	2	2	15
rx 38	2	3	2	2	1	1	11
rx 39	3	3	2	3	2	2	15
rx 40	3	3	3	2	2	2	15
rx 41	2	3	2	2	1	1	11
rx 42	3	3	2	3	2	2	15

rx 43	3	3	3	2	2	2	15
rx 44	2	3	2	2	1	1	11
rx 45	3	3	2	3	2	2	15
rx 46	3	3	3	2	2	2	15
rx 47	2	3	2	2	1	1	11
rx 48	3	3	2	3	2	2	15
rx 49	3	3	3	2	2	2	15
rx 50	2	3	2	2	1	1	11
rx 51	2	3	2	2	1	1	11
rx 52	2	2	2	2	2	2	12
rx 53	2	2	2	1	1	1	9
rx 54	3	3	2	3	2	2	15
rx 55	3	3	2	3	2	2	15
rx 56	3	3	3	2	2	2	15
rx 57	2	3	2	2	1	1	11
rx 58	3	3	2	3	2	2	15
rx 59	3	3	3	2	2	2	15
rx 60	2	3	2	2	1	1	11
rx 61	3	3	3	2	2	2	15
rx 62	2	2	2	2	2	2	12
rx 63	2	2	2	2	1	1	10
rx 64	2	3	2	2	1	1	11
rx 65	3	3	2	3	2	2	15
rx 66	3	3	3	2	2	2	15
rx 67	2	3	2	2	1	1	11
rx 68	2	3	2	2	1	1	11
rx 69	2	2	2	2	2	2	12
rx 70	2	2	2	1	1	1	9
rx 71	3	3	2	3	2	2	15
rx 72	3	3	2	3	2	2	15
rx 73	3	3	3	2	2	2	15
rx 74	2	3	2	2	1	1	11
rx 75	3	3	2	3	2	2	15

Subjects	item1	item 2	item3	item4	item5	item6	TOTAL
			self efficiency of iterventional group at 6 weeks				
rx 1	3	3	3	2	2	3	16
rx 2	3	3	3	3	2	3	17
rx 3	3	2	3	2	2	2	14
rx 4	3	3	3	3	3	3	18
rx 5	3	3	3	2	2	2	15
rx 6	3	3	3	3	3	3	18
rx 7	3	3	3	3	3	2	17
rx 8	3	3	3	3	3	3	18
rx 9	3	3	2	3	3	3	17
rx 10	4	4	4	3	3	2	20
rx 11	4	4	3	3	2	2	18
rx 12	3	3	3	3	2	2	16
rx 13	4	4	4	3	2	2	19
rx 14	3	3	3	2	2	3	16
rx 15	3	3	3	3	2	3	17
rx 16	3	2	3	2	2	2	14
rx 17	3	3	3	3	3	3	18
rx 18	3	3	3	2	2	2	15
rx 19	3	3	3	3	3	3	18
rx 20	3	3	3	3	3	2	17
rx 21	3	3	3	3	3	3	18
rx 22	3	3	2	3	3	3	17
rx 23	4	4	4	3	3	2	20
rx 24	4	4	3	3	2	2	18
rx 25	3	3	3	3	3	3	18
rx 26	4	4	4	3	2	2	19
rx 27	3	3	3	2	2	2	15
rx 28	3	3	3	3	2	2	16
rx 29	4	4	4	3	2	2	19
rx 30	3	3	3	2	2	3	16
rx 31	3	3	3	3	2	3	17
rx 32	3	2	3	2	2	2	14
rx 33	3	3	3	3	3	3	18
rx 34	3	3	3	2	2	2	15
rx 35	3	3	3	3	3	3	18
rx 36	3	3	3	3	3	2	17
rx 37	3	3	3	3	3	3	18
rx 38	3	3	2	3	3	3	17
rx 39	4	4	4	3	3	2	20
rx 40	4	4	3	3	2	2	18
rx 41	3	3	3	3	3	3	18
rx 42	4	4	4	3	2	2	19

rx 43	3	3	3	2	2	2	15
rx 44	3	3	2	3	3	3	17
rx 45	4	4	4	3	3	2	20
rx 46	4	4	3	3	2	2	18
rx 47	3	3	3	3	3	3	18
rx 48	4	4	4	3	2	2	19
rx 49	3	3	3	2	2	2	15
rx 50	3	3	3	3	2	2	16
rx 51	4	4	4	3	2	2	19
rx 52	3	3	3	2	2	3	16
rx 53	3	3	3	3	2	3	17
rx 54	3	2	3	2	2	2	14
rx 55	3	3	3	3	3	3	18
rx 56	4	4	3	3	2	2	18
rx 57	3	3	3	3	3	3	18
rx 58	4	4	4	3	2	2	19
rx 59	3	3	3	2	2	2	15
rx 60	3	3	2	3	3	3	17
rx 61	4	4	4	3	3	2	20
rx 62	4	4	3	3	2	2	18
rx 63	3	3	3	3	3	3	18
rx 64	4	4	4	3	2	2	19
rx 65	3	3	3	2	2	2	15
rx 66	3	3	3	3	2	2	16
rx 67	4	4	4	3	2	2	19
rx 68	3	3	3	2	2	3	16
rx 69	3	3	3	3	2	3	17
rx 70	3	2	3	2	2	2	14
rx 71	3	3	3	3	3	3	18
rx 72	3	3	3	2	2	2	15
rx 73	3	3	3	3	3	3	18
rx 74	3	3	3	3	3	2	17
rx 75	3	3	3	3	3	3	18

Subjects	item1	item 2	item3	item4	item5	item6	score
			Self efficiency of iterventional group at 10 weeks				
rx 1	4	4	4	2	3	3	20
rx 2	3	3	3	3	3	3	18
rx 3	3	4	4	3	3	3	20
rx 4	3	4	4	3	3	3	20
rx 5	4	4	3	2	3	2	18
rx 6	3	3	3	3	3	3	18
rx 7	3	4	3	3	3	3	19
rx 8	4	4	4	3	3	3	21
rx 9	4	3	3	3	3	3	19
rx 10	4	4	4	3	3	2	20
rx 11	4	4	3	3	3	2	19
rx 12	3	3	3	3	3	2	17
rx 13	3	4	4	3	3	2	19
rx 14	3	3	3	2	2	3	16
rx 15	4	4	4	4	2	3	21
rx 16	4	4	3	2	2	2	17
rx 17	4	4	3	3	3	3	20
rx 18	4	4	3	3	2	2	18
rx 19	4	4	3	3	3	3	20
rx 20	3	3	3	3	3	2	17
rx 21	3	3	3	3	3	3	18
rx 22	3	3	2	3	3	3	17
rx 23	4	4	4	3	3	2	20
rx 24	4	4	3	3	2	2	18
rx 25	4	3	3	3	3	3	19
rx 26	4	4	4	3	3	3	21
rx 27	4	4	3	3	3	3	20
rx 28	4	4	3	3	3	3	20
rx 29	4	4	4	3	3	3	21
rx 30	4	4	3	3	3	3	20
rx 31	4	4	3	3	3	3	20
rx 32	4	4	4	3	3	3	21
rx 33	4	4	4	3	3	3	21
rx 34	4	4	4	3	3	3	21
rx 35	3	3	4	3	3	3	19
rx 36	3	3	4	3	3	3	19
rx 37	3	3	4	3	3	3	19
rx 38	3	3	2	3	3	3	17
rx 39	4	4	4	3	3	3	21
rx 40	4	4	3	3	3	2	19
rx 41	3	3	3	3	3	3	18
rx 42	4	4	4	3	3	3	21

rx 43	3	3	3	2	3	3	17
rx 44	3	3	2	3	3	3	17
rx 45	4	4	4	3	3	3	21
rx 46	4	4	3	3	3	3	20
rx 47	3	3	3	3	3	3	18
rx 48	4	4	4	3	3	3	21
rx 49	3	3	4	2	3	3	18
rx 50	3	3	4	3	3	3	19
rx 51	4	4	4	3	3	3	21
rx 52	4	3	4	2	3	3	19
rx 53	4	3	4	3	3	3	20
rx 54	4	2	4	2	3	3	18
rx 55	4	4	4	3	3	3	21
rx 56	4	4	4	3	3	3	21
rx 57	4	4	4	3	3	3	21
rx 58	4	4	4	3	3	3	21
rx 59	4	4	3	2	3	3	19
rx 60	4	4	2	3	3	3	19
rx 61	4	4	4	3	3	3	21
rx 62	4	4	3	3	2	3	19
rx 63	3	4	3	3	3	3	19
rx 64	4	4	4	3	2	3	20
rx 65	3	4	3	2	2	3	17
rx 66	4	3	3	3	2	3	18
rx 67	4	4	4	3	2	3	20
rx 68	4	3	3	2	2	3	17
rx 69	4	3	3	3	2	3	18
rx 70	4	2	3	2	2	3	16
rx 71	4	3	3	3	3	3	19

Subjects	item1	item 2	item3	item4	item5	item6	score
		self efficiency of iterventional group at 14 weeks					
rx 1	4	4	4	4	3	4	23
rx 2	4	4	3	4	4	3	22
rx 3	3	4	4	4	4	3	22
rx 4	4	4	4	4	4	3	23
rx 5	4	4	3	3	4	3	21
rx 6	3	3	4	4	3	3	20
rx 7	3	4	4	3	3	3	20
rx 8	4	4	4	4	3	3	22
rx 9	4	3	3	4	3	3	20
rx 10	4	4	4	4	4	4	24
rx 11	4	4	3	4	4	4	23
rx 12	3	3	3	4	3	4	20
rx 13	4	4	4	4	3	4	23
rx 14	3	3	3	2	3	4	18
rx 15	4	4	4	4	3	3	22
rx 16	4	4	4	2	3	2	19
rx 17	4	4	3	3	3	3	20
rx 18	4	4	4	4	4	3	23
rx 19	4	4	4	4	4	4	24
rx 20	3	3	4	4	4	4	22
rx 21	4	3	3	4	3	3	20
rx 22	3	3	2	3	3	3	17
rx 23	4	4	4	3	4	3	22
rx 24	4	4	3	3	4	3	21
rx 25	4	3	3	3	4	4	21
rx 26	4	4	4	3	4	4	23
rx 27	4	4	3	3	4	4	22
rx 28	4	4	3	3	4	3	21
rx 29	4	4	4	3	4	3	22
rx 30	4	4	3	3	4	4	22
rx 31	4	4	3	3	3	4	21
rx 32	4	4	4	4	3	4	23
rx 33	4	4	4	4	3	4	23
rx 34	4	4	4	4	3	4	23
rx 35	3	3	4	4	3	4	21
rx 36	3	3	4	4	3	3	20
rx 37	4	3	4	4	4	3	22
rx 38	3	3	2	4	4	3	19
rx 39	4	4	4	4	4	3	23
rx 40	4	4	3	4	4	4	23
rx 41	3	3	3	4	4	4	21
rx 42	4	4	4	4	4	4	24

rx 43	4	3	3	2	4	4	20
rx 44	3	3	2	4	4	4	20
rx 45	4	4	4	3	4	4	23
rx 46	4	4	3	3	3	4	21
rx 47	4	3	3	4	3	3	20
rx 48	4	4	4	3	3	3	21
rx 49	3	3	4	3	3	3	19
rx 50	3	3	4	3	3	3	19
rx 51	4	4	4	3	3	3	21
rx 52	4	3	4	3	4	3	21
rx 53	4	3	4	4	4	3	22
rx 54	4	2	4	3	4	3	20
rx 55	4	4	4	3	4	3	22
rx 56	4	4	4	3	4	4	23
rx 57	4	4	4	4	4	4	24
rx 58	4	4	4	4	4	4	24
rx 59	4	4	3	3	4	4	22
rx 60	4	4	2	3	4	4	21
rx 61	4	4	4	3	4	4	23
rx 62	4	4	3	4	4	4	23
rx 63	3	4	3	4	4	4	22
rx 64	4	4	4	3	4	4	23
rx 65	3	4	3	3	4	4	21
rx 66	4	3	3	3	4	4	21
rx 67	4	4	4	3	4	4	23
rx 68	4	3	3	3	2	4	19
rx 69	4	3	3	3	2	3	18
rx 70	4	2	3	2	2	3	16

		self efficiency of iterventional group at 9 MONTHS					
Subjects	item1	item 2	item3	item4	item5	item6	score
rx 1	4	4	4	4	4	5	25
rx 2	4	4	4	4	5	5	26
rx 3	3	4	4	4	4	3	22
rx 4	4	4	4	4	4	3	23
rx 5	4	4	4	4	5	5	26
rx 6	3	3	4	4	3	3	20
rx 7	3	4	4	3	3	3	20
rx 8	4	4	4	4	4	5	25
rx 9	4	3	3	4	5	5	24
rx 10	4	4	4	4	4	4	24
rx 11	4	4	3	4	4	4	23
rx 12	4	4	4	4	5	5	26
rx 13	4	4	4	4	3	4	23
rx 14	4	4	4	4	4	5	25
rx 15	4	4	4	4	3	3	22
rx 16	4	4	4	2	3	2	19
rx 17	4	4	4	4	5	5	26
rx 18	4	4	4	4	5	5	26
rx 19	4	4	4	4	4	4	24
rx 20	3	3	4	4	4	4	22
rx 21	4	4	4	5	5	5	27
rx 22	3	4	4	4	5	5	25
rx 23	4	4	4	3	4	3	22
rx 24	4	4	3	3	4	3	21
rx 25	4	3	3	3	4	4	21
rx 26	4	4	4	3	4	4	23
rx 27	4	4	3	3	4	4	22
rx 28	4	4	3	3	4	3	21
rx 29	4	4	4	3	4	3	22
rx 30	4	4	4	4	4	4	24
rx 31	4	4	4	4	4	4	24
rx 32	4	4	4	4	4	4	24
rx 33	4	4	4	4	4	4	24
rx 34	4	4	4	4	3	4	23
rx 35	3	3	4	4	3	4	21
rx 36	3	3	4	4	3	3	20
rx 37	4	3	4	4	4	5	24
rx 38	3	4	4	4	4	5	24
rx 39	4	4	4	4	4	3	23
rx 40	4	4	3	4	4	4	23
rx 41	3	3	3	4	4	4	21
rx 42	4	4	4	4	4	4	24

rx 43	4	3	3	2	4	4	20
rx 44	3	3	2	4	4	4	20
rx 45	4	4	4	3	4	4	23
rx 46	4	4	4	5	5	5	27
rx 47	4	3	3	4	5	5	24
rx 48	4	4	4	5	5	5	27
rx 49	3	3	4	5	5	5	25
rx 50	3	3	4	5	5	5	25
rx 51	4	4	4	3	3	3	21
rx 52	4	3	4	3	4	3	21
rx 53	4	3	4	4	4	3	22
rx 54	4	2	4	5	5	5	25
rx 55	4	4	4	3	4	3	22
rx 56	4	4	4	3	4	4	23
rx 57	4	4	4	4	4	4	24
rx 58	4	4	4	4	4	4	24
rx 59	4	4	3	3	4	4	22
rx 60	4	4	2	3	4	4	21
rx 61	4	4	4	3	4	4	23
rx 62	4	4	3	4	4	4	23
rx 63	3	4	3	4	4	4	22
rx 64	4	4	4	3	4	4	23
rx 65	3	4	3	5	4	4	23
rx 66	4	3	3	5	5	5	25

Subjects	item1	item 2	item3	item4	item5	item6	score
			self efficiency of control group at birth				
ctrl 1	3	3	2	1	1	1	11
ctrl 2	3	3	2	2	2	2	14
ctrl 3	3	3	2	1	1	1	11
ctrl 4	3	3	2	3	2	2	15
ctrl 5	3	3	3	2	2	2	15
ctrl 6	2	3	2	2	1	1	11
ctrl 7	2	2	2	2	2	2	12
ctrl 8	2	2	2	1	1	1	9
ctrl 9	3	3	2	3	2	2	15
ctrl 10	3	3	3	2	2	2	15
ctrl 11	2	3	2	2	1	1	11
ctrl 12	2	2	2	2	2	2	12
ctrl 13	2	2	2	1	1	1	9
ctrl 14	3	3	2	3	2	2	15
ctrl 15	3	3	3	2	2	2	15
ctrl 16	2	3	2	2	1	1	11
ctrl 17	3	3	2	3	2	2	15
ctrl 18	3	3	3	2	2	2	15
ctrl 19	2	3	2	2	1	1	11
ctrl 20	2	2	2	2	2	2	12
ctrl 21	2	2	2	1	1	1	9
ctrl 22	3	3	2	3	2	2	15
ctrl 23	3	3	2	3	2	2	15
ctrl 24	3	3	3	2	2	2	15
ctrl 25	2	3	2	2	1	1	11
ctrl 26	3	3	2	3	2	2	15
ctrl 27	3	3	3	2	2	2	15
ctrl 28	2	3	2	2	1	1	11
ctrl 29	3	3	2	3	2	2	15
ctrl 30	3	3	3	2	2	2	15
ctrl 31	2	3	2	2	1	1	11
ctrl 32	2	3	2	2	1	1	11
ctrl 33	2	2	2	2	2	2	12
ctrl 34	2	2	2	1	1	1	9
ctrl 35	3	3	2	3	2	2	15
ctrl 36	3	3	2	3	2	2	15
ctrl 37	3	3	3	2	2	2	15
ctrl 38	2	3	2	2	1	1	11
ctrl 39	3	3	2	3	2	2	15
ctrl 40	3	3	3	2	2	2	15
ctrl 41	2	3	2	2	1	1	11
ctrl 42	3	3	2	3	2	2	15

ctrl 43	3	3	3	2	2	2	15
ctrl 44	2	3	2	2	1	1	11
ctrl 45	3	3	2	3	2	2	15
ctrl 46	3	3	3	2	2	2	15
ctrl 47	2	3	2	2	1	1	11
ctrl 48	3	3	2	3	2	2	15
ctrl 49	3	3	3	2	2	2	15
ctrl 50	2	3	2	2	1	1	11
ctrl 51	2	3	2	2	1	1	11
ctrl 52	2	2	2	2	2	2	12
ctrl 53	2	2	2	1	1	1	9
ctrl 54	3	3	2	3	2	2	15
ctrl 55	3	3	2	3	2	2	15
ctrl 56	3	3	3	2	2	2	15
ctrl 57	2	3	2	2	1	1	11
ctrl 58	3	3	2	3	2	2	15
ctrl 59	3	3	3	2	2	2	15
ctrl 60	2	3	2	2	1	1	11
ctrl 61	3	3	3	2	2	2	15
ctrl 62	2	2	2	2	2	2	12
ctrl 63	2	2	2	2	1	1	10
ctrl 64	2	3	2	2	1	1	11
ctrl 65	3	3	2	3	2	2	15
ctrl 66	3	3	3	2	2	2	15
ctrl 67	2	3	2	2	1	1	11
ctrl 68	2	3	2	2	1	1	11
ctrl 69	2	2	2	2	2	1	11
ctrl 70	2	2	2	1	1	1	9
ctrl 71	3	3	2	3	2	2	15
ctrl 72	3	3	2	3	2	2	15
ctrl 73	3	3	3	2	2	2	15
ctrl 74	2	3	2	2	1	1	11
ctrl 75	3	3	2	3	2	2	15

Subjects	item1	item 2	item3	item4	item5	item6	score
			self efficiency of control group at 6 weeks				
ctrl 1	3	3	2	1	1	1	11
ctrl 2	3	3	3	2	2	1	14
ctrl 3	3	3	2	1	1	1	11
ctrl 4	3	3	3	2	2	2	15
ctrl 5	3	3	3	2	2	2	15
ctrl 6	2	3	3	1	1	1	11
ctrl 7	2	2	3	2	2	2	13
ctrl 8	2	2	2	1	1	1	9
CTRL9	3	3	3	2	2	2	15
ctrl 10	3	3	3	2	2	2	15
ctrl 11	2	3	2	2	1	1	11
ctrl 12	3	3	3	1	1	1	12
ctrl 13	2	2	2	1	1	1	9
ctrl 14	3	3	3	3	2	1	15
ctrl 15	3	3	3	2	2	2	15
ctrl 16	2	3	3	1	1	1	11
ctrl 17	3	3	3	3	2	1	15
ctrl 18	3	3	3	2	2	2	15
ctrl 19	3	2	2	2	1	1	11
ctrl 20	3	3	3	1	1	1	12
ctrl 21	3	2	1	1	1	1	9
ctrl 22	3	3	3	2	2	2	15
ctrl 23	3	3	3	2	2	2	15
ctrl 24	3	3	3	2	2	2	15
ctrl 25	2	3	2	2	1	1	11
ctrl 26	3	3	3	2	2	2	15
ctrl 27	3	3	3	2	2	2	15
ctrl 28	3	3	2	1	1	1	11
ctrl 29	3	3	3	2	2	2	15
ctrl 30	3	3	3	2	2	2	15
ctrl 31	2	2	2	2	1	2	11
ctrl 32	2	3	2	2	1	1	11
ctrl 33	3	2	2	3	1	1	12
ctrl 34	2	2	2	1	1	1	9
ctrl 35	3	3	2	3	2	2	15
ctrl 36	3	3	2	3	2	2	15
ctrl 37	3	3	3	2	2	2	15
ctrl 38	3	3	2	1	1	1	11
ctrl 39	3	3	2	3	2	2	15
ctrl 40	3	3	3	2	2	2	15
ctrl 41	3	3	3	1	1	1	12
ctrl 42	3	3	3	3	2	1	15

ctrl 43	3	3	3	2	2	2	15
ctrl 44	2	3	2	2	1	1	11
ctrl 45	3	3	3	3	2	1	15
ctrl 46	3	3	3	2	2	2	15
ctrl 47	2	3	2	2	1	1	11
ctrl 48	3	3	2	3	2	2	15
ctrl 49	3	3	3	2	2	2	15
ctrl 50	3	3	2	1	1	1	11
ctrl 51	2	3	2	2	1	1	11
ctrl 52	2	2	2	2	2	2	12
ctrl 53	3	2	1	1	1	1	9
ctrl 54	3	3	2	3	2	2	15
ctrl 55	3	3	2	3	2	2	15
ctrl 56	3	3	3	2	2	2	15
ctrl 57	3	3	2	1	1	1	11
ctrl 58	3	3	3	3	2	1	15
ctrl 59	3	3	3	2	2	2	15
ctrl 60	3	2	2	2	1	1	11
ctrl 61	3	3	3	3	2	1	15
ctrl 62	3	2	2	2	2	1	12
ctrl 63	3	2	2	1	1	1	10
ctrl 64	3	2	2	2	1	1	11
ctrl 65	3	3	2	3	2	2	15
ctrl 66	3	3	3	2	2	2	15
ctrl 67	3	3	2	1	1	1	11
ctrl 68	3	3	2	1	1	1	11
ctrl 69	3	2	2	2	1	1	11
ctrl 70	3	2	1	1	1	1	9
ctrl 71	3	3	2	3	2	2	15
ctrl 72	3	3	2	3	2	2	15
ctrl 73	3	3	3	3	2	1	15
ctrl 74	3	3	2	1	1	1	11
ctrl 75	3	3	2	3	2	2	15

	self efficiency of control group at 10 weeks						
Subjects	item1	item 2	item3	item4	item5	item6	score
ctrl 1	3	2	2	2	1	1	11
ctrl 2	3	3	3	3	1	1	14
ctrl 3	2	2	2	2	2	1	11
ctrl 4	3	3	3	3	2	1	15
ctrl 5	3	3	3	3	2	1	15
ctrl 6	2	2	2	2	2	1	11
ctrl 7	3	3	3	2	1	1	13
ctrl 8	2	2	2	1	1	1	9
ctrl 9	3	3	3	2	2	2	15
ctrl 10	3	3	3	2	2	2	15
ctrl 11	2	3	2	2	1	1	11
ctrl 12	3	3	3	1	1	1	12
ctrl 13	3	2	1	1	1	1	9
ctrl 14	3	3	3	2	2	2	15
ctrl 15	3	3	3	2	3	1	15
ctrl 16	2	3	2	2	1	1	11
ctrl 17	3	3	3	3	2	1	15
ctrl 18	3	3	3	2	2	2	15
ctrl 19	3	3	3	3	2	1	15
ctrl 20	3	3	3	1	1	1	12
ctrl 21	2	2	2	1	1	1	9
ctrl 22	3	3	3	2	2	2	15
ctrl 23	3	3	3	2	2	2	15
ctrl 24	3	3	3	2	3	1	15
ctrl 25	2	3	3	1	1	1	11
ctrl 26	3	3	3	3	2	1	15
ctrl 27	3	3	3	2	2	2	15
ctrl 28	3	3	2	1	1	1	11
ctrl 29	3	3	3	3	2	1	15
ctrl 30	3	3	3	2	2	2	15
ctrl 31	3	3	3	3	2	1	15
ctrl 32	3	2	2	2	1	1	11
ctrl 33	3	2	2	2	2	1	12
ctrl 34	3	2	1	1	1	1	9
ctrl 35	3	3	2	3	2	2	15
ctrl 36	3	3	2	3	2	2	15
ctrl 37	3	3	3	2	2	2	15
ctrl 38	3	3	2	1	1	1	11
ctrl 39	3	3	2	3	2	2	15
ctrl 40	3	3	3	2	2	2	15
ctrl 41	2	2	2	2	2	2	12

ctrl 42	3	3	3	3	2	1	15
ctrl 43	3	3	3	2	2	2	15
ctrl 44	2	3	2	1	2	1	11
ctrl 45	3	3	3	3	2	1	15
ctrl 46	3	3	3	2	3	1	15
ctrl 47	3	3	2	1	1	1	11
ctrl 48	3	3	2	3	2	2	15
ctrl 49	3	3	3	2	2	2	15
ctrl 50	3	3	2	1	1	1	11
ctrl 51	2	3	2	2	1	1	11
ctrl 52	2	2	2	2	2	2	12
ctrl 53	3	2	1	1	1	1	9
ctrl 54	3	3	2	3	2	2	15
ctrl 55	3	3	2	3	2	2	15
ctrl 56	3	3	3	2	2	2	15
ctrl 57	3	3	2	1	1	1	11
ctrl 58	3	3	3	3	2	1	15
ctrl 59	3	3	3	3	2	1	15
ctrl 60	3	3	2	1	1	1	11
ctrl 61	3	3	3	3	2	1	15
ctrl 62	3	3	2	2	1	1	12
ctrl 63	3	2	2	1	1	1	10
ctrl 64	3	3	2	1	1	1	11
ctrl 65	3	3	2	3	2	2	15
ctrl 66	3	3	3	2	2	2	15
ctrl 67	3	3	2	1	1	1	11
ctrl 68	3	3	2	1	1	1	11

Subjects	item1	item 2	item3	item4	item5	item6	score	MASTER
			self efficiency of control group at 14 weeks					
ctrl 1	3	3	2	1	1	1	11	11
ctrl 2	3	3	3	3	1	1	14	14
ctrl 3	3	3	2	1	1	1	11	11
ctrl 4	3	3	3	3	2	1	15	15
ctrl 5	3	3	3	3	2	1	15	15
ctrl 6	4	2	2	1	1	1	11	11
ctrl 7	4	3	3	1	1	1	13	13
ctrl 8	4	1	1	1	1	1	9	9
ctrl 9	3	4	2	2	3	1	15	15
ctrl 10	3	4	3	2	2	1	15	15
ctrl 11	2	4	1	2	1	1	11	11
ctrl 12	3	3	3	1	1	1	12	12
ctrl 13	4	1	1	1	1	1	9	9
ctrl 14	3	3	3	2	2	2	15	15
ctrl 15	3	3	3	2	3	1	15	15
ctrl 16	2	3	3	1	1	1	11	11
ctrl 17	3	3	3	3	2	1	15	15
ctrl 18	3	3	3	3	2	1	15	15
ctrl 19	3	3	2	1	1	1	11	11
ctrl 20	3	3	3	1	1	1	12	12
ctrl 21	3	2	1	1	1	1	9	9
ctrl 22	4	3	3	3	1	1	15	15
ctrl 23	4	3	3	2	2	1	15	15
ctrl 24	4	3	3	2	2	1	15	15
ctrl 25	3	2	2	2	1	1	11	11
ctrl 26	3	3	3	3	2	1	15	15
ctrl 27	3	3	3	2	2	2	15	15
ctrl 28	3	4	1	1	1	1	11	11
ctrl 29	3	4	3	3	1	1	15	15
ctrl 30	3	4	3	2	2	1	15	15
ctrl 31	3	4	1	1	1	1	11	11
ctrl 32	3	3	2	1	1	1	11	11
ctrl 33	3	3	2	2	1	1	12	12
ctrl 34	3	2	1	1	1	1	9	9
ctrl 35	3	3	2	3	2	2	15	15
ctrl 36	3	3	2	3	2	2	15	15
ctrl 37	3	3	3	2	2	2	15	15
ctrl 38	3	2	2	2	1	1	11	11
ctrl 39	3	4	2	3	2	1	15	15
ctrl 40	3	3	3	2	2	2	15	15
ctrl 41	4	3	2	1	1	1	12	12
ctrl 42	3	3	3	3	2	1	15	15

ctrl 43	3	3	3	2	3	1	15	15
ctrl 44	2	3	2	1	2	1	11	11
ctrl 45	3	3	3	3	2	1	15	15
ctrl 46	4	3	3	2	2	1	15	15
ctrl 47	3	3	2	1	1	1	11	11
ctrl 48	3	3	3	3	2	1	15	15
ctrl 49	3	4	3	2	2	1	15	15
ctrl 50	3	3	2	1	1	1	11	11
ctrl 51	2	3	2	2	1	1	11	11
ctrl 52	4	2	2	2	1	1	12	12
ctrl 53	3	1	2	1	1	1	9	9
ctrl 54	3	4	2	3	2	1	15	15
ctrl 55	3	3	2	3	2	2	15	15
ctrl 56	3	3	3	3	2	1	15	15
ctrl 57	3	3	2	1	1	1	11	11
ctrl 58	4	3	3	3	1	1	15	15
ctrl 59	3	3	3	4	1	1	15	15
ctrl 60	3	3	2	1	1	1	11	11
ctrl 61	3	3	3	4	1	1	15	15
ctrl 62	3	3	3	1	1	1	12	12
ctrl 63	3	2	2	1	1	1	10	10
ctrl 64	3	3	2	1	1	1	11	11
ctrl 65	3	3	2	3	2	2	15	15
ctrl 66	3	3	3	2	2	2	15	15
ctrl 67	4	3	1	1	1	1	11	11
ctrl 68	3	3	2	1	1	1	11	11

Subjects	item1	item 2	item3	item4	item5	item6	score	MASTER
			self efficiency of control group at 9 months					
ctrl 1	3	3	2	1	1	1	11	11
ctrl 2	3	3	3	3	1	1	14	14
ctrl 3	3	3	2	1	1	1	11	11
ctrl 4	3	3	3	3	2	1	15	15
ctrl 5	3	3	3	3	2	2	16	16
ctrl 6	4	3	1	1	1	1	11	11
ctrl 7	4	3	3	1	1	1	13	13
ctrl 8	4	1	1	1	1	1	9	9
ctrl 9	3	4	2	3	2	1	15	15
ctrl 10	3	4	3	2	2	1	15	15
ctrl 11	2	3	2	2	2	1	12	12
ctrl 12	3	2	2	2	2	1	12	12
ctrl 13	4	1	1	1	1	1	9	9
ctrl 14	3	3	3	3	2	1	15	15
ctrl 15	3	3	3	3	2	1	15	15
ctrl 16	2	2	2	2	2	1	11	11
ctrl 17	3	3	3	2	2	2	15	15
ctrl 18	3	3	3	2	2	2	15	15
ctrl 19	3	3	2	1	1	1	11	11
ctrl 20	3	3	3	1	1	1	12	12
ctrl 21	3	2	1	1	1	1	9	9
ctrl 22	4	3	3	2	2	1	15	15
ctrl 23	4	3	3	3	1	1	15	15
ctrl 24	4	3	3	2	2	1	15	15
ctrl 25	4	3	1	1	1	1	11	11
ctrl 26	3	3	3	3	2	1	15	15
ctrl 27	3	3	3	2	2	2	15	15
ctrl 28	3	4	3	2	2	1	15	11
ctrl 29	3	4	2	3	2	1	15	15
ctrl 30	3	4	3	2	3	1	16	16
ctrl 31	3	3	1	1	2	1	11	11
ctrl 32	3	3	2	2	1	1	12	12
ctrl 33	3	3	2	1	2	1	12	12
ctrl 34	2	2	1	1	2	1	9	9
ctrl 35	3	3	3	3	2	1	15	15
ctrl 36	3	3	2	3	2	2	15	15
ctrl 37	3	3	3	2	2	2	15	15
ctrl 38	4	1	2	1	2	1	11	11
ctrl 39	3	4	2	2	2	2	15	15
ctrl 40	3	3	3	2	2	2	15	15
ctrl 41	2	2	3	2	2	1	12	12
ctrl 42	3	3	3	3	3	1	16	16

ctrl 43	3	3	3	2	2	2	15	15
ctrl 44	2	4	2	1	1	1	11	11
ctrl 45	3	3	3	3	2	1	15	15
ctrl 46	4	3	4	1	2	1	15	15
ctrl 47	3	3	2	1	1	1	11	11
ctrl 48	3	3	3	3	2	1	15	15
ctrl 49	3	4	3	2	2	1	15	15
ctrl 50	3	3	2	1	1	1	11	11
ctrl 51	2	3	2	2	1	1	11	11
ctrl 52	4	2	2	1	2	1	12	12
ctrl 53	3	2	1	1	1	1	9	9
ctrl 54	3	4	2	3	2	1	15	15
ctrl 55	3	3	2	3	2	2	15	15
ctrl 56	3	3	3	4	1	1	15	15
ctrl 57	3	2	2	2	1	1	11	11
ctrl 58	4	3	3	3	1	1	15	15
ctrl 59	3	3	3	4	1	1	15	15
ctrl 60	3	3	2	1	1	1	11	11
ctrl 61	3	3	3	4	1	1	15	15
ctrl 62	3	3	3	1	1	1	12	12
ctrl 63	3	2	2	1	1	1	10	10
ctrl 64	3	3	2	1	1	1	11	11

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening/ nodule formation	duration of nodule formation	Irritability & restlessness	duartion of irritability	Drowsiness/ sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
																vaccine related side effects interventional goup at birth
rx 1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 5	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 6	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
rx 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 8	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
rx 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 11	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 17	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 21	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
rx 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 23	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 25	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
rx 26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 29	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0
rx 30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 32	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 33	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 35	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 36	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
rx 37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 41	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 42	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 43	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 44	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
rx 45	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
rx 46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 47	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

rx 50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 53	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 54	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 55	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 56	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 57	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 58	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
rx 59	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 60	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 61	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
rx 62	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 63	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 64	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 65	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
rx 66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 71	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0
rx 72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rx 74	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
rx 75	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening/nodule formation	duration of nodule formation	Irritability & restlessness	duration of irritabilty	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
rx 1	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 2	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 3	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 4	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 5	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 6	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 7	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 8	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 9	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 10	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	1
rx 11	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	2
rx 12	1	2	1	1	1	2	1	2	0	0	0	0	0	0	1	2
rx 13	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 14	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 15	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 16	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 17	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 18	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 19	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 20	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 21	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2

rx 22	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 23	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 24	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 25	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 26	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 27	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 28	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	1
rx 29	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	2
rx 30	1	2	1	1	1	2	1	2	0	0	0	0	0	0	1	2
rx 31	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 32	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 33	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 34	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	1
rx 35	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 36	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 37	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 38	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 39	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 40	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 41	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 42	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 43	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 44	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 45	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 46	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 47	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 48	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 49	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 50	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2

rx 51	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 52	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 53	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 54	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 55	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 56	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 57	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 58	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 59	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 60	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 61	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 62	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 63	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 64	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 65	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 66	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 67	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 68	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 69	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 70	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 71	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 72	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 73	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 74	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 75	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening/ nodule formation	duration of nodule formation	Irritability & restlessness	duartion of irritabilty	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
rx 1	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 2	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 3	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 4	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 5	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 6	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 7	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 8	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 9	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 10	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 11	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 12	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 13	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 14	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 15	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 16	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 17	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 18	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 19	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 20	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 21	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 22	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 23	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 24	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 25	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 26	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 27	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 28	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 29	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 30	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 31	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 32	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 33	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 34	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 35	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 36	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 37	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 38	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 39	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 40	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 41	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 42	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 43	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 44	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 45	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 46	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 47	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 48	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 49	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2

rx 50	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 51	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 52	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 53	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 54	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 55	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 56	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 57	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 58	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 59	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 60	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 61	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 62	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 63	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 64	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 65	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 66	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 67	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 68	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 69	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 70	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 71	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 72																
rx 73																
rx 74																
rx 75																

title	vaccine related side effects interventional goup at 14 weeks															

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening / nodule formation	duration of nodule formation	Irritability & restlessness	duration of irritabilty	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
rx 1	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 2	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 3	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 4	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 5	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 6	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 7	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 8	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 9	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 10	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	1
rx 11	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	2
rx 12	1	2	1	1	1	2	1	2	0	0	0	0	0	0	1	2
rx 13	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 14	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 15	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 16	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 17	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 18	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 19	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 20	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 21	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 22	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 23	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 24	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 25	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 26	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 27	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 28	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	1
rx 29	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	2
rx 30	1	2	1	1	1	2	1	2	0	0	0	0	0	0	1	2

rx 31	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 32	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 33	1	2	1	1	1	2	1	2	1	1	1	1	0	0	1	2
rx 34	1	2	1	1	1	2	1	2	0	0	0	0	1	1	1	1
rx 35	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 36	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 37	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 38	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 39	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 40	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 41	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 42	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 43	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 44	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 45	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 46	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 47	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 48	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 49	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 50	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 51	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 52	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 53	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 54	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 55	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 56	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 57	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 58	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 59	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 60	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 61	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 62	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 63	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 64	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 65	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
rx 66	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
rx 67	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 68	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 69	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
rx 70	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
rx 71																
rx 72																
rx 73																
rx 74																
rx 75																

	vaccine related side effects interventional goup at 9 months															
Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening/ nodule formation	duration of nodule formation	Irritability & restlessness	duartion of irritabilty	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
rx 1	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 2	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 3	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 4	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 5	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 6	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 7	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 8	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 9	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 10	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 11	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 12	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 13	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 14	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 15	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 16	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 17	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 18	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 19	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 20	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 21	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 22	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 23	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 24	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 25	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 26	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 27	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 28	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 29	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 30	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 31	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 32	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 33	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 34	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 35	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 36	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 37	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 38	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 39	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 40	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 41	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 42	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 43	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 44	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 45	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 46	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 47	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 48	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 49	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 50	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 51	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 52	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 53	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 54	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 55	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 56	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 57	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 58	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 59	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 60	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 61	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 62	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 63	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
rx 64	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
rx 65	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 66	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
rx 67																
rx 68																
rx 69																
rx 70																
rx 71																
rx 72																
rx 73																
rx 74																
rx 75																

						vaccine related side effects control goup at birth											
Subjects	pain	pain duration	item3	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening/ nodule formation	duration of nodule formation	Irritability & restlessness	duartion of irritability	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
ctrl 1	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 2	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 3	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 4	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 5	1	1		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 6	0	0		0	0	0	0	0	0	0	0	0	0	1	1	0	0
ctrl 7	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 8	0	0		0	0	0	0	0	0	1	1	0	0	0	0	0	0
ctrl 9	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 10	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 11	1	1		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 12	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 13	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 14	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 15	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 16	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 17	0	0		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 18	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 19	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 20	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 21	0	0		0	0	0	0	0	0	1	1	0	0	0	0	0	0
ctrl 22	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 23	1	1		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 24	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 25	1	1		0	0	0	0	0	0	0	0	0	0	1	1	0	0
ctrl 26	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 27	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 28	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 29	0	0		1	1	0	0	0	0	1	1	0	0	0	0	0	0
ctrl 30	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 31	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 32	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 33	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 34	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 35	0	0		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 36	0	0		0	0	0	0	0	0	1	1	0	0	0	0	0	0
ctrl 37	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 38	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 39	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 40	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 41	0	0		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 42	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 43	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 44	0	0		0	0	0	0	0	0	1	1	0	0	0	0	0	0
ctrl 45	0	0		0	0	0	0	0	0	0	0	0	0	1	1	0	0
ctrl 46	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 47	0	0		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 48	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 49	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 50	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 51	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 52	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0

ctrl 53	0	0		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 54	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 55	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 56	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 57	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 58	1	1		0	0	0	0	0	0	1	1	0	0	0	0	0	0
ctrl 59	1	1		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 60	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 61	0	0		0	0	0	0	0	0	0	0	0	0	1	1	0	0
ctrl 62	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 63	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 64	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 65	1	1		1	1	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 66	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 67	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 68	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 69	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 70	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 71	1	1		1	1	0	0	0	0	0	0	0	0	1	1	0	0
ctrl 72	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 73	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ctrl 74	1	1		0	0	0	0	0	0	0	0	0	0	1	1	0	0
ctrl 75	1	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0

vaccine related problmes control group at 6 weeks

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening/ nodule formation	duration of nodule formation	Irritability & restlessness	duration of irritabilty	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
ctrl 1	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 2	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 3	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 4	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 5	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 6	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 7	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 8	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 9	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 10	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 11	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 12	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 13	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 14	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 15	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 16	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 17	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 18	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 19	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 20	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 21	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 22	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 23	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 24	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 25	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 26	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 27	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 28	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 29	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 30	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 31	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 32	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 33	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 34	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 35	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 36	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 37	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 38	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 39	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 40	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 41	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 42	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 43	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 44	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 45	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 46	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 47	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 48	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 49	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 50	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 51	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 52	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 53	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 54	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 55	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 56	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 57	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 58	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 59	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 60	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 61	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 62	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 63	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 64	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 65	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 66	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 67	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 68	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 69	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 70	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	1
ctrl 71	1	2	1	1	1	2	1	3	0	0	0	0	1	1	1	2
ctrl 72	1	2	1	1	1	2	1	3	0	0	0	0	0	0	1	2
ctrl 73	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 74	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2
ctrl 75	1	2	1	1	1	2	1	3	1	1	1	1	0	0	1	2

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening / nodule formation	duration of nodule formation	Irritability & restlessne ss	duartion of irritabilty	Drowsine ss/sleep disturban ce	duration	Feeding problem	duration of feeding problem	fever	fever duration
vaccine related problmes control group at 10 weeks																
ctrl 1	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 2	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 3	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 4	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 5	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 6	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 7	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 8	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 9	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 10	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 11	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 12	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 13	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 14	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 15	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 16	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 17	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 18	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 19	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 20	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 21	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 22	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 23	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 24	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 25	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 26	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 27	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 28	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 29	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 30	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 31	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 32	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 33	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 34	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 35	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 36	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 37	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 38	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 39	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 40	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 41	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 42	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 43	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 44	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 45	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 46	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 47	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 48	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 49	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 50	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 51	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 52	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 53	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 54	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 55	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 56	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 57	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 58	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 59	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 60	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 61	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 62	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 63	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 64	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 65	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 66	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 67	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 68	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 69																
ctrl 70																
ctrl 71																
ctrl 72																
ctrl 73																
ctrl 74																
ctrl 75																

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening/nodule formation	duration of nodule formation	Irritability & restlessness	duartion of irritabilty	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
															vaccine related problmes control group at 14 weeks	
ctrl 1	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 2	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 3	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 4	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 5	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 6	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 7	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 8	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 9	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 10	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 11	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 12	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 13	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 14	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 15	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 16	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 17	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 18	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 19	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 20	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 21	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 22	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 23	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 24	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 25	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 26	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 27	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 28	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 29	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 30	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 31	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 32	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 33	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 34	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 35	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 36	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 37	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 38	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 39	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 40	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 41	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 42	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 43	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2

ctrl 44	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 45	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 46	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 47	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 48	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 49	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 50	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 51	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 52	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 53	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 54	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 55	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 56	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 57	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 58	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 59	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 60	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 61	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 62	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 63	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 64	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 65	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 66	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 67	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 68	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 69																
ctrl 70																
ctrl 71																
ctrl 72																
ctrl 73																
ctrl 74																
ctrl 75																

Subjects	pain	pain duration	excessive crying	excessive cry duration	Redness and swelling at injection site	duration of redness and swelling	Skin hardening / nodule formation	duration of nodule formation	Irritability & restlessness	duartion of irritabilty	Drowsiness/sleep disturbance	duration	Feeding problem	duration of feeding problem	fever	fever duration
vaccine related problmes control group at 9 months																
ctrl 1	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 2	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 3	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 4	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 5	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 6	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 7	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 8	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 9	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 10	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 11	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 12	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 13	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 14	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 15	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 16	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 17	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 18	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 19	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 20	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 21	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 22	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 23	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 24	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 25	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 26	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 27	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 28	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 29	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 30	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 31	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 32	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 33	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 34	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 35	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 36	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 37	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 38	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 39	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 40	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 41	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 42	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 43	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 44	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 45	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 46	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 47	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 48	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 49	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 50	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 51	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 52	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 53	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 54	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 55	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 56	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 57	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 58	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 59	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 60	1	1	0	0	1	2	1	2	1	1	0	0	0	0	1	2
ctrl 61	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 62	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 63	1	1	0	0	1	2	1	2	1	1	0	0	1	1	1	2
ctrl 64	1	1	1	1	1	2	1	3	1	1	0	0	0	0	1	2
ctrl 65																
ctrl 66																
ctrl 67																
ctrl 68																
ctrl 69																
ctrl 70																
ctrl 71																
ctrl 72																
ctrl 73																
ctrl 74																
ctrl 75																

Subjects	compliantatbirth	compliantat6weeks	compliantat10weeks	compliantat14weeks	compliantat9months	Subjects	compliantatbirth	compliantat6weeks	compliantat10weeks	compliantat14weeks	compliantat9months
ctrl1	1	1	1	1	1	rx 1	1	1	2	1	1
ctrl2	1	1	1	1	1	rx 2	1	1	1	1	1
ctrl3	1	1	1	2	1	rx 3	1	1	1	1	1
ctrl4	1	1	1	1	1	rx 4	1	1	1	1	1
ctrl5	1	2	1	1	1	rx 5	1	1	1	1	1
ctrl6	1	1	1	1	1	rx 6	1	1	2	1	1
ctrl7	1	1	1	1	1	rx 7	1	1	2	1	1
ctrl8	1	1	1	2	1	rx 8	1	1	2	1	1
ctrl9	1	1	2	1	1	rx 9	1	2	1	1	1
ctrl10	1	1	1	2	1	rx 10	1	1	2	1	1
ctrl11	1	1	1	1	1	rx 11	1	1	1	1	1
ctrl12	1	1	2	1	1	rx 12	1	1	1	1	1
ctrl13	1	1	1	1	1	rx 13	1	2	1	1	1
ctrl14	1	1	2	2	1	rx 14	1	1	1	1	1
ctrl15	1	1	1	1	1	rx 15	1	2	1	1	1
ctrl16	1	1	1	1	1	rx 16	1	1	1	1	1
ctrl17	1	1	2	1	1	rx 17	1	2	1	1	1
ctrl18	1	1	1	1	1	rx 18	1	2	1	1	1
ctrl19	1	1	1	1	1	rx 19	1	1	1	1	1
ctrl20	1	1	1	1	1	rx 20	1	1	1	1	1
ctrl21	1	1	1	1	1	rx 21	1	2	1	1	1
ctrl22	1	1	1	1	1	rx 22	1	1	1	2	1
ctrl23	1	1	1	1	1	rx 23	1	2	1	1	1
ctrl24	1	1	1	1	1	rx 24	1	1	1	1	1
ctrl25	1	1	1	1	1	rx 25	1	2	1	1	1
ctrl26	1	1	1	1	1	rx 26	1	2	1	1	1
ctrl27	1	1	2	1	1	rx 27	1	2	1	1	1
ctrl28	1	1	1	1	1	rx 28	1	2	1	1	1
ctrl29	1	1	1	1	1	rx 29	1	2	1	1	1
ctrl30	1	1	1	1	1	rx 30	1	2	1	1	1
ctrl31	1	2	1	1	1	rx 31	1	1	1	1	1
ctrl32	1	2	1	1	1	rx 32	1	1	1	1	1
ctrl33	1	2	1	1	1	rx 33	1	2	1	1	1
ctrl34	1	2	1	1	1	rx 34	1	2	1	1	1
ctrl35	1	2	1	1	1	rx 35	1	1	1	1	1
ctrl36	1	2	1	1	1	rx 36	1	1	1	1	1
ctrl37	1	1	1	1	1	rx 37	1	1	1	1	1
ctrl38	1	1	1	1	1	rx 38	1	1	1	1	1
ctrl39	1	1	1	1	1	rx 39	1	1	1	1	1
ctrl40	1	1	1	1	1	rx 40	1	1	1	1	1
ctrl41	1	2	1	1	1	rx 41	1	1	1	1	1
ctrl42	1	1	1	1	2	rx 42	1	1	2	1	1
ctrl43	1	2	1	1	1	rx 43	1	1	1	1	1
ctrl44	1	1	2	1	1	rx 44	1	1	1	1	1
ctrl45	1	1	2	1	1	rx 45	1	1	1	1	1
ctrl46	1	2	1	1	1	rx 46	1	1	1	1	1
ctrl47	1	1	1	1	1	rx 47	1	1	1	1	1
ctrl48	1	1	1	1	1	rx 48	1	1	1	1	1
ctrl49	1	1	2	1	1	rx 49	1	1	1	2	1
ctrl50	1	1	1	1	1	rx 50	1	1	1	1	1
ctrl51	1	1	1	1	1	rx 51	1	1	2	1	1
ctrl52	1	1	1	1	1	rx 52	1	1	1	2	1
ctrl53	1	1	1	1	1	rx 53	1	1	2	1	1
ctrl54	1	1	1	1	1	rx 54	1	1	1	1	1

Vaccination compliance among groups

ctrl55	1	1	2	1	1	rx 55	1	1	1	1	1
ctrl56	1	1	2	1	1	rx 56	1	1	1	1	1
ctrl57	1	1	1	1	1	rx 57	1	1	1	1	1
ctrl58	1	1	1	1	1	rx 58	1	1	1	1	1
ctrl59	1	2	1	1	1	rx 59	1	1	1	1	1
ctrl60	1	2	1	1	1	rx 60	1	1	1	2	1
ctrl61	1	1	1	2	1	rx 61	1	1	1	2	1
ctrl62	1	1	1	2	1	rx 62	1	1	1	2	1
ctrl63	1	1	1	1	1	rx 63	1	1	1	2	1
ctrl64	1	1	1	1	1	rx 64	1	1	1	1	1
ctrl65	1	1	2	1		rx 65	1	1	1	2	1
ctrl66	1	1	2	2		rx 66	1	1	1	1	1
ctrl67	1	1	2	2		rx 67	1	1	1	2	
ctrl68	1	1	2	1		rx 68	1	1	1	1	
ctrl69	1	2				rx 69	1	1	1	1	
ctrl70	1	1				rx 70	1	1	1	1	
ctrl71	1	1				rx 71	1	1	1		
ctrl72	1	1				rx 72	1	1			
ctrl73	1	1				rx 73	1	1			
ctrl74	1	1				rx 74	1	1			
ctrl75	1	1				rx 75	1	1			