

Introduction:

Immunization is one of the pillars of modern medicine and we use the best tools to prevent morbidity and mortality due to preventable diseases. The Immunization clinic of our Institution is run by the Department of Pediatrics based on the WHO Guidelines for Childhood Immunization.

Functioning:

A separate room has been allocated in the Pediatric Outpatient Department for Immunization clinic which is conducted under the supervision of HOD on Tuesdays and Thursdays, and even on other working days if patients seek immunization services. All the vaccines which are part of National Immunization schedule are supplied by Government of Puducherry and offered free of cost to the patients. The vaccines are availed from Thirubhuvanai PHC every week by staff nurse incharge. Optional vaccines are also available and are administered as per IAP (Indian Academy of Pediatrics) guidelines.

All vaccines are either administered by qualified professionals or by the Post graduate students under their supervision. The children are observed for a minimum duration of 30 minutes for any adverse events in the Outpatient Department. During their wait, children and their caregivers are kept engaged with a television running cartoons and educational videos, and toys are also provided if needed.

Ensuring safety and quality of vaccines is our high priority. Storage is done in an ILR (Ice lined Refrigerator- Meditech Model no.MTBBR2; serial number MT 786525306), based on WHO guidelines, in relevant slots for proper temperature of each vaccine. The ILR has holder time of 24 hours in case of power failure and the Institution has continuous generator backup in case of electricity outages. Periodic maintenance of the refrigerator is also performed as per the company specifications. In case of ILR equipment breakdown, vaccines are immediately shifted to domestic refrigerator and ILR technician is informed.

Injection safety and biomedical waste disposal is also ensured as per WHO guidelines. The vaccine is verified for its efficacy if it has VVM and also the manufacturing details. Only disposable syringes and needles are used for administration. Emergency equipment and medications are always available in the crash cart for treating any adverse events. Such events are intimated immediately to medical officer of Thirubhuvanai PHC for free vaccines and DIO in case of optional vaccines as per AEFI guidelines. Separate Adverse events register is also maintained. Unused vaccines nearing expiry are returned to PHC during weekly visit. Vaccine stock register is maintained separately for free and optional vaccines.

In order to promote immunization, the National Immunization schedule and optional vaccine schedule have been prominently displayed in the Pediatric Outpatient Department under the services available in the hospital and also in our rural health training centre. Birth vaccines are given to all the babies delivered in the Institution, before their discharge. The Immunization card

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containing the names of vaccines and the date on which it is to be given is provided. In order to ensure maximum coverage, reminder calls are given one week prior to the due date.

Teaching:


For MBBS students, immunization as a part of Pediatric history taking is taught from the 3rd Semester when they are posted for the first time in their clinical postings. Immunization is a part of case presentation in their clinical posting as well as theory classes during 6th and 8th semesters. After implementation of competency based curriculum, 6th semester students also get hands on training in skill lab using mannequin on various routes of vaccine administration. Also in 8th semester, they have small group teaching (30-35 students) in the form of seminar to be presented by them regarding vaccines. Vaccines are also a part of case presentation and viva voce during their University exams as well as in Internal and model exams, both theory and practical, conducted within the department.

Students are also exposed to cold chain mechanism through visit to primary health centre and interns are posted in primary health centre for 15 days.

For post graduation students, theory classes are conducted regarding various aspects of Immunization. They are trained to administer the vaccines under the supervision of faculty members.

Quality maintenance record:

Daily log of the temperature of Ice lined Refrigerator is maintained and readings are noted twice a day by a dedicated staff nurse. VVM (Vaccine vial Monitor) is also verified and recorded. Faculty in charge also verifies and signs the temperature log once a month. Quality maintenance is ensured by surprise inspections and audit.


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Medical college and Hospital

DEPARTMENT OF PAEDIATRICS
Posting Roster for CRRI (Extension & Addl. Batch)
July to August - 2022
Posting date: 25.07.22 to 14.08.22 (3 Weeks)

Duty Group	Name
A	Naveen Kumarr, Nithin, Srinivas Shashikant
B	Naveen, Aayushi Priya, Sowndarapandian
C	Nekaa Nithya Sre, Nithish Kanna, Deepan
D	Nisha, Abishek Robinson, Shri Hari Pradeeba

DATE	NICU	PICU	OPD	PNW	Ward	Special clinic
25.07.22 to 29.07.22	Naveen Kumarr, Sneha	Naveen, Samriddhi	Nithish Kanna, Savitha.J, Shyal, Shanaz Jemma Raffi	Nithin, Shaik Sameer, Shwetha	Aayushi Priya, Nekaa Nithya Sre, Nisha, Sirpy, Abishek	-
30.07.22 to 03.08.22	Nekaa Nithya Sre	Nisha	Aayushi Priya, Naveen Kumarr,	Nithish Kanna	Naveen, Nithin, Abishek	-
04.08.22 to 08.08.22	Nithin, Sowndarapandian	Nithish Kanna, Shri Hari Pradeeba	Nisha, Nekaa Nithya Sre	Abishek	Naveen Kumarr, Naveen, Aayushi Priya	-
09.08.22 to 14.08.22	Sowndarapandian	Shri Hari Pradeeba	Deepan, Naveen Kumarr, Naveen, Nithish Kanna	Nekaa Nithya Sre	Srinivas Shashikant, Nithin, Nisha	-

- All the above posting are subjected to change without Prior Notice
- No leave will be permitted during the last four days of posting
- Samriddhi will do PNW from 29.07.2022 to 01.08.2022
- Shanaz Jemima Raffi will continue in OPD till 01.08.2022.

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Date	Day	Batch
25.07.22	Monday	A
26.07.22	Tuesday	B
27.07.22	Wednesday	C
28.07.22	Thursday	D
29.07.22	Friday	A
30.07.22	Saturday	B
31.07.22	Sunday	C
01.08.22	Monday	D
02.08.22	Tuesday	A
03.08.22	Wednesday	B
04.08.22	Thursday	C
05.08.22	Friday	D
06.08.22	Saturday	A
07.08.22	Sunday	B
08.08.22	Monday	C
09.08.22	Tuesday	D
10.08.22	Wednesday	A
11.08.22	Thursday	B
12.08.22	Friday	C
13.08.22	Saturday	D
14.08.22	Sunday	A

Orientation Class		
Date	Topic	Faculty
01.08.22	NRP	Dr.T.Kanimozhi
02.08.22	Immunisation	Dr.Hemanth
05.08.22	Common drugs and dosages	Dr. Preethi

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