

**TILAK MAHARASHTRA VIDYAPEETH,
INSTITUTE OF NURSING EDUCATION AND RESEARCH, PUNE**

Name of the event: Newborn screening Awareness

Organizer: Nursing Department, Tilak Maharashtra Vidyapeeth.

Date and time: 8.9.2022, 4:00 pm -5:00pm

Participants: RANM 1st year

Speaker: Ms. Ashwini Palwade

Topic Addressed:

- What is Newborn screening
- Purposes of Newborn screening
- History of Newborn screening
- Timing of Newborn screening
- Procedure of Newborn screening

Under the guidance of Prof.Dr. Madhuri Shelke (Principal, INER, Pune) and HOD of Child health nursing Mrs. Urmila Chaudhari .Ms Ashwini Palwade (Clinical Instructor) conducted skill station on Newborn screening.This Skill station was conducted in the nursing department in MCH lab for RANM first year students .

The goal of the skill station was to improve the knowledge of the students related to neonatal screening.

At the beginning of the session, knowledge was assessed by asking various questions like:

1. When you can do Newborn screening

2. What is the purposes behind doing Newborn screening
3. How you can do newborn screening

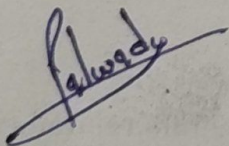
The students were curious about skill station of newborn screening .All necessary articles for neonatal screening was collected before skill station. Introduction was given to students related to newborn screening awareness month which included significance of newborn screening awareness month, and when it is celebrated. After the introduction, skill station was conducted on neonatal screening.

Newborn screening tests are most commonly done from whole blood samples collected on specially designed filter paper, originally designed by Robert Guthrie. The filter paper is often attached to a form containing required information about the infant and parents. This includes date and time of birth, date and time of sample collection, the infant's weight and gestational age. The form will also have information about whether the baby has had a blood transfusion and any additional nutrition the baby may have received (total parenteral nutrition). Most newborn screening cards also include contact information for the infant's physician in cases where follow up screening or treatment is needed.

Skill station : SPECIMEN COLLECTION →Blood specimen is obtained from heel of infant →It should be obtained from lateral side of the heel.

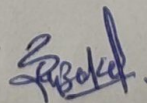
After the skill station, again questions were asked to the students related to newborn screening to assess the effectiveness of skill station. Knowledge regarding newborn screening was improved in the session.

The session ended with vote of thanks by Ms. Ashwini Palwade.



Ms. Ashwini Palwade

(Clinical Instructor)



Mrs. Shilpa Bakal

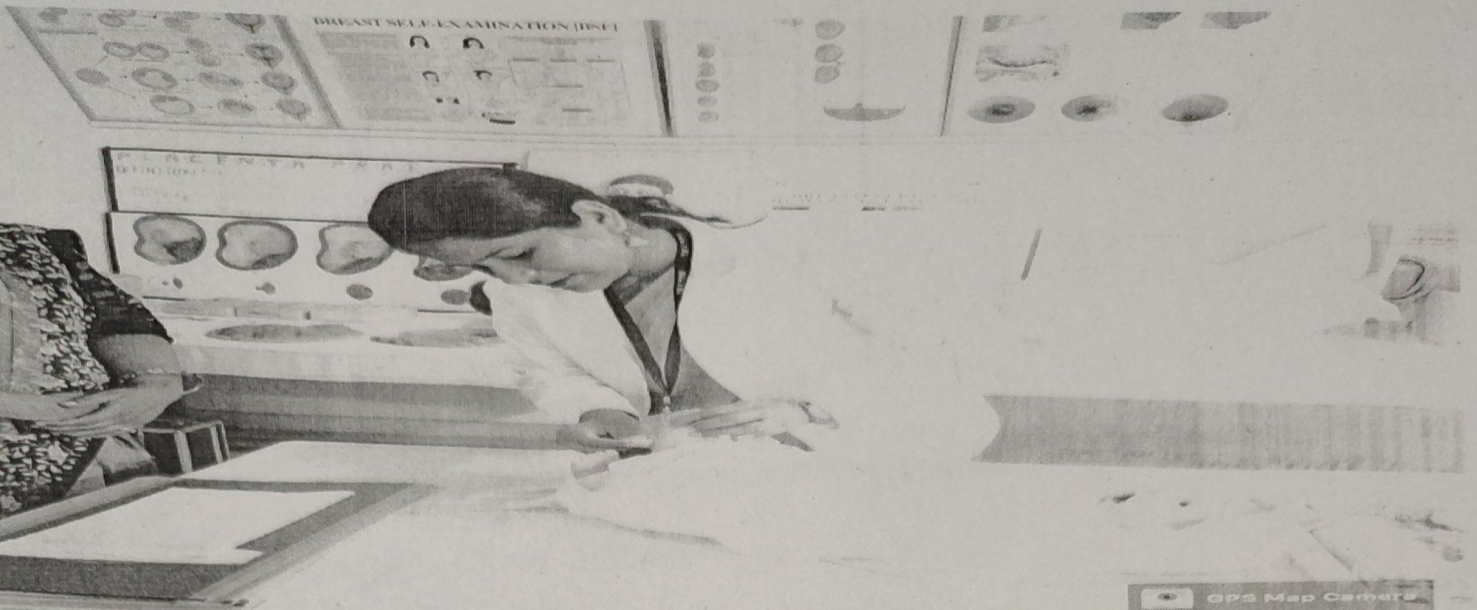
(Programme co-ordinator)



Prof. Dr. Madhuri Shelke

(Principal)

Principal
Institute of Nursing
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Tilak Maharashtra Vidyapeeth Trust
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