



MGM MEDICAL COLLEGE & HOSPITAL NERUL

Phase 2, Sector 8, Nerul (West), Navi
Mumbai- 400 706



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Date : 08/04/2025

Department Of Paediatrics

Topic : Hypocalcemic Convulsions .

Significance : Convulsions are one of the common disorders which happens in the neonates and infant age group and is an emergency which has to be tackled as soon as possible to avoid further damage to the brain and cognitive function .

Venue: Auditorium , Basement floor, MGM Hospital Belapur .

Time: 2:30 pm to 3:30 pm .

Date and Day: 08/04/2025, Tuesday .

No. of participants: Around 30 Faculty of various clinical and non clinical departments .

Events:

1. The event commenced with a warm welcome and an introduction by Dr. Vedashree Deshpande (Assistant Professor).
2. It was followed by the case presentation by Dr. Kamran Dalwai (Senior Resident) on Hypocalcemic Convulsions of a 7 months old baby girl patient admitted in MGM Belapur Hospital under Charitable OPD the previous month . Case presentation included PowerPoint highlighting the patients clinical history , past history , family history , general and systemic findings . Investigations were explained ruling out the various differential diagnosis .
3. A speech was given by Dr. Sunita Jain(HOD) on Hypocalcemia. It included etiology, sources of calcium rich food , Calcium and Vitamin D metabolism , dose of Vitamin D and

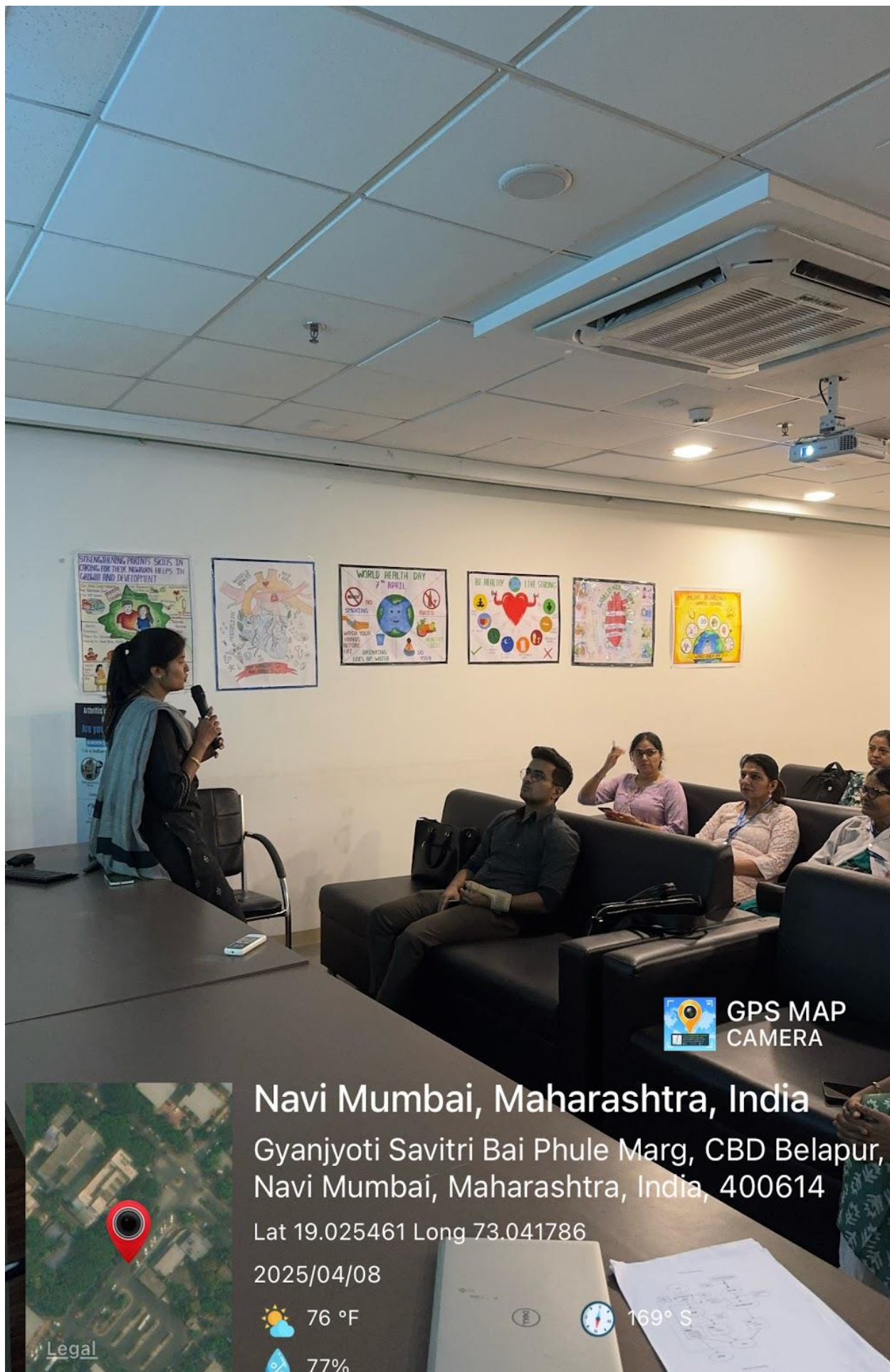
calcium needed for different age groups . Mam also shared real life experiences from her clinical practice .

4. Audience were served healthy fruits and juice in the session to catch up with the overwhelming rising heat .

5. Dr. Prashant Weekey(Assistant Professor) shared his valuable inputs regarding the importance of taking proper sunlight and the need to eat right food with proper gaps and quantity .

6. Short quiz was conducted to motivate the audience during the session .

The event was hence concluded with heartfelt gratitude to the speakers and audience for their valuable time and patient listening .



GPS MAP
CAMERA



Navi Mumbai, Maharashtra, India

Gyanjyoti Savitri Bai Phule Marg, CBD Belapur,
Navi Mumbai, Maharashtra, India, 400614

Lat 19.025461 Long 73.041786

2025/04/08



76 °F



77%



169° S

Legal



HOPI

- Baby was apparently alright until today morning
- Came to Emergency room of MGM Hospital with generalized tonic-clonic seizure along with uprolling of eyeballs and frothing from mouth
- Baby had convulsion on going for approx. 20-30 mins as per history from parents, convulsion was terminated in the ER following treatment for seizures as per recent guidelines
- Baby had one episode of vomiting after seizure which was non blood stained, non-bilious and contained food particles
- No bowel/ Bladder incontinence



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Navi Mumbai, Maharashtra, India, 400614

Lat 19.025461 Long 73.041786

2025/04/08



76 °F



77%



49° NE



GPS MAP
CAMERA

Navi Mumbai, Maharashtra, India

Gyanjyoti Savitri Bai Phule Marg, CBD Belapur,
Navi Mumbai, Maharashtra, India, 400614

Lat 19.025449 Long 73.041793

2025/04/08

76 °F

77%

157° S

Legal



GPS MAP
CAMERA



Navi Mumbai, Maharashtra, India

Gyanjyoti Savitri Bai Phule Marg, CBD Belapur,
Navi Mumbai, Maharashtra, India, 400614

Lat 19.025493 Long 73.041771

2025/04/08



76 °F



77%



199° S

Legal

Summary:

Advice from Paediatrics Department :

- 1. Calcium (1200 mg) and Vitamin D (600 IU) must be supplemented during pregnancy and lactation for all mothers .**
- 2. All newborn babies must receive Vitamin D (400 IU) from birth to 1 year of age .**
- 3. Children with low levels of calcium must be supplemented with calcium . Prevention is better than cure .**
- Me**
- 4. Newborn baby with Hypocalcemia can manifest with jitteriness or convulsions .**
- 5. Cultivate good eating habits such as eating fresh fruits , vegetables, seeds and nuts which are good sources of calcium .**
Ragi is a calcium rich weaning food for babies .
- 6. Sunlight of 15 to 30 mins daily is needed in the time range 11 am to 3 pm as per Indian standards .**
- 7. Exercising regularly and exposure to sun is necessary to prevent Vitamin D deficiency .**
- 8. Child with normal neurological development and afebrile convulsions then Hypocalcemia is a common cause . Hypocalcemic convulsions have a good prognosis .**

Thankyou