



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A++' Accredited by NAAC

Sector-01, Kamothe, Navi Mumbai-410209

Tel 022-27432471, 022-27432994, Fax 022-27431094

E-mail: registrar@mgmuhs.com | Website: www.mgmuhs.com

Value Added Course

**Enteral Nutrition in Preterm
Infants**

K- PEDIATRICS VALUE ADDED COURSES



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Title: Enteral Nutrition in Preterm Infants

Department: Pediatrics, MGM Medical College, Kamothe.
hours

Duration: 15

INTRODUCTION: The importance of enteral preterm nutrition as a means of minimizing morbidities, and ensuring growth and disease prevention for newborn infants is undisputed. However, strong diversity regarding the implementation of this recommendation in healthcare practice remains to be a challenge.

By better understanding the importance of human milk for infant health, it will be possible to improve health outcomes of newborn infants on a short- and long-term basis. Experienced high-level speakers provide you with up-to-date insights on this important topic.

Course Coordinators: Dr Vijay N Kamale Professor and Head, Dept of Pediatrics

Dr Vikas Gupta, Asst. Professor, Division of Neonatology

Dr Rupali Jain, Asst. Professor, Division of Neonatology

SCIENTIFIC PROGRAMME

No	Topic	Time	Faculty
1	a) Welcome and introduction	30 minutes	Dr Vijay N Kamale
	b) The importance of mother's own milk and its impact for preterm and sick newborns	1 hour	Dr Vikas Gupta
2.	National human milk strategy: needs, components and implementation	1 hour	Dr Nimain Mohanty Ped Gastroenterologist

3.	The microbiome and its effects on neonatal outcome Gut immune and Neuronal axis	1 hour	Dr Piyush Jain DM Neonatology
4.	Recent advances, Human Milk Oligosaccharides: composition and childhood growth	90 minutes	Dr Vijay N Kamale
5.	How can we improve the outcome of IUGR babies/ link to optimal nutrition?	1 hr	Dr Rupali Jain
6.	a) Improving outcomes of VLBW infants by optimizing the use of human milk b) Practicals -hands on	45 minutes 45 minutes	Dr Vikas Gupta
7	Approaches to feeding: Learn about optimal feeding methods for preterm infants, including enteral or parenteral nutrition, nasogastric or orogastric tubes, and bolus or continuous feeding: hands on	2 hour	Dr Rupali Jain
8.	Growth of preterm infants: Learn how to measure growth and identify different forms of slow growth, before applying your learning through multiple case studies.	2 hour	Dr Arunava Bharati
9.	Involving parents and carers: In this activity, you will hear personal experiences from parents and learn more about involving parents and carers in preterm nutrition: communication skills	2 hour	Dr Vikas Gupta
10.	Human milk administration and donation: Learn all about breastmilk, donor human milk, supplemental bio-nutrients and the importance of these in preterm nutrition	1 hour	Dr Vijay Kamale
11.	Breastmilk fortification: Learn about the importance and individualization of breastmilk fortification and solidify this learning through a case study discussion.	1 hour	Dr Vikas Gupta

12.	Post test ,feedback	1 hour	Dr Vikas Gupta Dr Rupali Jain
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TARGET GROUP:

The modules are designed for junior to senior level healthcare professionals in general, and medical specialists and nursing staff working in the field of Paediatrics, neonatology or infant nutrition in particular, and those wishing to update their scientific knowledge on the topic.

TECHNICAL SETTINGS: class room, Nicu and online

For details : mgmpaediatricsnm@gmail.com ,whatsapp:9224475712