

**GOVT. MEDICAL COLLEGE & HOSPITAL, CHANDIGARH
SECTOR-32, CHANDIGARH**

Notice for procurement of 01 No. Advance Infant Nursing Training & 07 No. Mama Birthie, Mam Natalie, Preemie Natalie, the uterus collection sister-U, Mama-U and Mama Breast being proprietary article' under Rule 166 of GFR 2017.

The Department of College of Nursing of this institution intends to purchase having following detailed specifications:-

SPECIFICATION:

1. ADVANCE INFANT NURSING TRAINING

Patient care features:

Nasal packing can be practices , Students can be taught Tracheostomy care and tracheal suctioning, NG tube insertion, care and removal, Gastrostomy tube care and feedings possible Various oxygen delivery procedures, Bilateral thigh and deltoid intramuscular injections Full arrange of motion for realistic patient handling, Facilitates administration of rectal suppositories, Ileostomy stoma care, Insertion, securing and care of Endotracheal tubes Insertion and suctioning of oropharyngeal and nasopharyngeal airways. Facilitates practice of height and weight measurement and physical exam It should have variable fontanelles as in infants-Normal, Bulging, Depressed Interchangeable male & female genitalia with connector valves and urinary & colon reservoirs Complete urinary catheterization, Will retain indwelling or straight catheter, Enema training procedures can be learnt and practices

IV Training:

Articulating IV arm with replaceable skin and infusible vein system allows peripheral Intravenous therapy and site care , Venipuncture possible in the antecubital fossa and dorsum of the hand , Articulating IV leg with skin and veins , Venipuncture possible in the medial and lateral malleolus sites, Heel stick simulation

IO Training:

Articulating, infusible IO leg with replaceable mandrel and skin, Simulated tibia and landmarks at the tibial tuberosity and medial malleolus

Bluetooth or Wi-Fi Enabled wireless control device to help create the challenging situations to the learner via changes in the patient vitals and physiology along with clinical signs

All interventions, vital signs, and notes are time stamped and will be captured in the control device.

Physiological and pathological sounds : Lungs sounds synchronized with breathing rate, 0-60 BPM, Individual lung or bilateral sound selection, Normal and abnormal bowel sounds , Heart sounds available, 2-way communication

Functions: The training system can be able to teach following skills with or without OSCE:

General infant assessment , Bag/Valve Mask, Trach care and suctioning, Oral/Nasal Suctioning NG tube insertion, OG tube insertion Lavage/Gavage, Intraosseous puncture and infusion, Intramuscular injection site identification, Urinary catheterization, Rectal suppository insertion Ostomy care, Gastrostomy tube care and feeding , Auscultation of normal and abnormal heart, breath and bowel sounds , Oral intubation, Nasal intubation , Digital intubation , Oropharyngeal airway insertion, Nasopharyngeal airway insertion

ii) Mama Birthie

An anatomically accurate model which allows for realistic simulation and demonstration of both normal and complicated labour, focusing on the first two stages of labour. Mama Natalie focuses on complications and management of the third and fourth stages of labour. Mama Birthie comes with baby birthie, a realistic articulated newborn manikin with fontanelles and anatomical landmarks to support training of different presentations and labour complications.

iii) Mama Natalie

The simulator should be able to train vaginal deliveries, forceps and vacuum deliveries. The simulator should be simple, non-electrical and highly realistic for training control of postpartum, haemorrhage's simulator should be strapped onto instructor and shall manually control the amount of bleeding and the conditions of uterus. Instructor shall control dilation of the cervix and fetal heart sounds.

iv) Preemie Natalie

Together with preemie Natalie Preterm simulator, and Mama breast breastfeeding simulator, care plus is excellent to use in the Essential Care for Every Baby training as well as in other training programs focusing on premature care, essential newborn care and kangaroo mother care.

v) the Uterus Collection

A set of skill trainers which focuses on a variety of interventions on non-pregnant, post-abortion and postpartum uteri. The collection comprises of Multi Uterus Trainer, Sister U and postpartum Uterus Trainer. Mama-U, along with the tools needed for all relevant interventions.

vi) Sister-U

It represents the uterus between pregnancies and immediately post-abortion. With realistic anatomy, sister-U can be used for a variety of interventions such as vaginal examinations, IUCD insertion and removal, and family planning and menstrual hygiene counselling.

vii) Mama-U

It represents a postpartum uterus after birth. It supports training in postpartum IUCD and uterine balloon tamponade insertions and other postpartum uterus interventions. The model can be used as a tabletop model for task training or inside MamaNatalie Birthing Simulator.


viii) Mama Breast

It is a wearable simulator that allows highly realistic simulation of breast feeding and breast milk expression. Mama Breast comes with a Nifty Feeding Cup, a reusable product for feeding breast milk to newborn with breastfeeding difficulties. Together with Preemie Natalie Preterm simulator. Mama Breast and Nifty Feeding Cup are excellent to use in the essential Care for every baby training as well as other training programs on premature care, essential newborn care and kangaroo mother care.

As per knowledge of College of Nursing above said article/equipment is only manufactured by M/s LAERDAL MEDICAL INDIA PVT. LTD. (principal Firm) and the said firm sells the same of similar through its authorised agent/dealer SS MEDITECH in the Chandigarh region. The proprietary certificate issued by the QEM is attached as Annexure-I.

In case, there is any other, QEM for the above said article, then they are requested to submit their proposal to the Director Principal, GMCH, Chandigarh through e-mail collegeofnursinggmch@gmail.com/ hard copy latest by 10 days failing which it will be presumed that there is no other firm who manufacture the required article/equipment and purchase will be processed and finalized from the available source.


Prof. & Head
(Member)


Lecturer
(Member)


(Tutor)
(Member)