Tender Notice No. E/NUR/C/RIMS-12

Dated: 1st July, 2013

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Annexure-A

Neonatal Nursing & CPR Manikin

Infant anatomic characteristics, soft skin made of imported material, realistic touch feeling, flexible joints and capable of providing full range of nursing exercise.

Features:

- Pupil observation: Pupil states: normal, mydriasis and myosis etc.
- Hair combing and face washing
- Otic drops and irrigation
- Oral cavity care
- Airway management: realistic mouth, nose, tongue, gum, pharynx, larynx, esophagus, epiglottis, trachea and tracheal ring, can practice tracheal intubation sputum suction, oxygen inhaling
- Oral and nasal tracheal intubation
- Incision of tracheal nursing
- Venipuncture, injection and transfusion in arm
- Intramuscular injection in bilateral deltoid, bilateral vastus lateralis and bilateral buttock
- Enema
- Urethral catheterization
- Holistic care: sponge washing, replacing clothes, cold and hot therapy
- Limbs joints: bend, rotation, upper and lower movement
- CPR operation training: should support many inhaling ways, e.g. mouth to mouth, mouth to nose, simple respirator to mouth; electronic monitoring of airway open, inhaling times, frequency and volume and compression times, frequency, site and depth; automatically judge the ratio of artificial respiration and external chest compression; show data in real time with English voice prompts during the entire process.

Section

2	Child airway management Trainer with Stand
<u> </u>	Should include head mounted on sturdy stand, lungs, stomach, pump spray lubricant,
	instruction manual, and hard carry case.
3	Complete Child Airway Management Kit
	complete cand in way Management Kit
	The Complete Child Airway Management Kit including Smith's selection of manual
	resuscitator with mask, three 4.0 mm uncuffed ET tubes, size 2.5 larvnx mask airway, and
	one each of Guedel, Berman and nasal airways; laryngoscope set that includes the handle
	and sizes 2, 3 and 4 Macintosh blades and sizes 0, 1, 2 and 3 Miller blades; stylette; and
	lube (6 oz). Manikin should include head mounted on sturdy stand, lungs, stomach, and
	pump spray lubricant.
4	Total Adult Airway Management Kit
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	Total Adult Airway Management Kit containing Smith's selection of one Nu-trake kit, manual resuscilator with mask, three 7.5 mm uncuffed ET tubes size, 5 larynx mask
	airway, one each of Guedel, Berman and nasal airways; laryngoscope set that includes the
	handle and sizes 2, 3, and 4 Macintosh blades and sizes 0, 1, 2 and 3 Miller blades;
	stylette; and lube (8 oz.) size: 12"x 10"x10". Sh. Wt. 5 lbs.
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5	Nursing Manikin Female
	Full-functional Elderly Nursing Manikin (Female):-
	Basic nursing functions:
	Hair and face washing
	Pupil observation, Bilateral pupil states; normal, mydriasis
	• Eye and ear washing and administering
	Removal and insertion of hearing aid
	Oral cavity and artificial teeth care
	• Endotracheal intubation, automatically monitor whether the tracheal intubation is
	correct or not through sensor, support auscultation to detect intubation site.
	Incision of trachea nursing
	Sputum suction
	Oxygen inhaling
	Oral and nasal feeding
	Gastrolavage
	Venipuncture, injection, transfusion (arm)
	Deltoid subcutaneous injection
	Vastus lateralis injection
	Thoracic cavity, abdominal cavity, liver, bone marrow and lumbar puncture
	Breast nursing, mammary gland examination
	• Enema
	Male/Female urtheral catheterization
	Male/Female bladder irrigation

for ends

• Standard American Heart Association 2010 guideline for CPR and ECC, to comply with

CPR manikin features:

- Allow to perform airway open, artificial breathing and external cardiac compression.
- While performing artificial aspiration, judge inflation volume by chest rise
- External chest compression, Correct compression depth: correct compression site, prompt correct buzzing sound Excessive compression site, prompt alarming buzzing sound
- Operation frequency: >100 / min, with audio
- Battery powered.

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