Sri Devaraj Urs College of Nursing
(A unit of Sri Devaraj Urs Educational Trust)
Post Box No. 7, Tamaka, Kolar-563 103, Karnataka. (Affiliated to RGUHS, Bangalore and Recognized by KNC, Bangalore & INC, New Delhi ISO 9001: 2015 Certified & NAAC Accredited

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LIST OF CLINICAL SKILL MODELS

Department of Paediatric Nursing

SI	- mile of the	Learning Objectives (at the end of the session the student/learner should be able to :)	Logistics	Assessment
1	CPR	 Initiate CPR To give effective breaths and compressions 	CPR manikin with accessories	Practical Demonstration of
2	I.V cannulation I.V injections	 To demonstrate steps in intravenous access To secure IV cannula Understand the concepts of IV cannulation& Injection. Perform the IV cannulation& 	1. Advanced Nursing Baby manikin with all necessary accessories. 2.IV cannula, 3. IV infusion sets	the steps CPR Practical demonstration of venipuncture and fixing of IV cannula
3	Oxygen administration	 Injection procedure Assess the need for oxygen administration Check the order for rat e of flow Perform the oxygen administration procedure by placing child in comfortable position 	Child manikin with all accessories	Practical demonstration of administration of oxygen
4	Oral medications	 Identify the child Check and calculate the dose advised and available Prepare the medication for administration Perform the procedure 	Child manikin with all accessories	Practical demonstration of administration of oral medications
	Ostomy care Suture removal	 Identify the child with colostomy Collect all the necessary materials Comfort the child Demonstrate the procedure 	Child manikin with all accessories	Practical demonstration of colostomy care
		 Enumerate the different types of sutures Understand the principles of suture removal Perform steps of suture removal 	all accessories	Practical demonstration of suture removal
	Child Patient Care Manikin	To learn Ostomy CareDemonstrate Catheterization and		Ostomy care, Catheterization and

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		its careIllustrate Suture care		suture care
9.	Sani Baby new born baby CPR	Demonstrate CPR for new born	Sani Baby new born baby CPR	Practical assessment on steps of paediatric resuscitation

Obstetrical and Gynaecological Department SOP for mannequins

Name of the Model	LEARNING OBJECTIVES (At the end of the sessions the Student/learner should be able to)	LOGISTICS	ASSESSMENT
Vaginal Birth Simulator	 Show how to approach the patient in labor Recognize the stages of active labor Describe the fetal position Demonstrate fetal head delivery Demonstrate cord clamping Demonstrate 3 rd stage management 	Birthing torso Male newborn Placenta Umbilical cords	Vaginal delivery Caesarean section delivery Intrauterine manipulation Prolapse of umbilical cord Normal delivery of umbilical cord and placenta Vaginal speculum examination
Gynaecological Simulator	 Demonstrate competence in assessing gynaecological to perform bi-manual examination, pap smear and vaginal swab. 	Birthing torso	Bi-manual pelvic examination. Visual recognition of normal and abnormal cervices
Susie OB Simulator	Demonstrate the progress of process of normal labor through simulator.	 Padded abdomen cover 03 Dilating cervices 03 Vulval inserts 02 placentas 03 umblical cords 02 umblical clamps 	 Vaginal delivery Post partum haemorrhage
Birth Stage Dilator	Demonstarte the consistency of cervix Estimate the average dialatation of the cervix.	06Birth stage inserts	Cervical dialatation
Episiotomy	Perform an episiotomy & systematic closure in	Episiotomy model with necessary	Practical demonstration to

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	layers	instruments	perform episiotomy & suturing
PPIUCD	Demonstrate IUCD insertion	PPIUCD insertion	Assessment of practical PPIUCD insertion
Multipurpose Uterus Trainer	 Demonstrate cervical dilatation Demonstrate antenatal assessment 	Multipurpose Uterus Trainer	 Practical assessment of antenatal and check cervical dilatation
Postnatal uterus	Demonstrate postnatal examination	Postnatal uterus	 Practical assessment of antenatal

Nursing Foundation

Name of the Model	LEARNING OBJECTIVES (At the end of the session the students/learner should be able to)	LOGISTICS	ASSESSMENT
CPR	 Identifies the components of cardiopulmonary resuscitation (CPR) To perform each step in sequence of survival and how it relates to the emergency medical services To identify the technique of external chest compressions on an adult that are hard, fast, and minimally interrupted Perform steps of adult one-and two-rescuer CPR. 	Exhaled Air Resuscitation Masks. Pair of Gloves. Ambu Bag. CPR Manikin	Practical Demonstration and return demonstration on CPR
Nasogastric feeding	 Identifies the various articles required for NG tube feeding. To identify the different types of NG tubes. To identify the importance of tube feeding and maintenance and managing the complications Perform the technique of nasogastric tube insertion & removal. Undertstands the technique of irrigating and inserting of NG tube. 	 Ryles tube (8-12 Fr) Lubricant jelly Adhesive Plaster or scissor. Stethoscope Syringe 20cc and 50cc Ounce glass Bowl with water Kidney tray Feeds and water 	Return demonstration of Nasogastric feeding
Urethral catherization	 Understands the indications and contraindications of catherization. Identifies the appropriate catheter size & type. 	 Dressing trolley Catherisation sterile pack Sterile gloves Appropriate 	 Practical return demonstration of urethral catherization

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* * *	technique	* E110x2	
	 Identifies the appropriate IV cannula. Performs proper aseptic technique of IV cannulation 		
Critical chole Adv. Light	 Demonstrate all the basic procedures like Catheterization-male, female, bed bath, hair care, wound care, colostomy care, tracheostomy care, IV injection To identify various injection sites 	Critical chole Adv. Light	Practical assessment of basic procedures
Basic Billy	Demonstrate CPR procedure	Basic Billy with mobile app	 Practical assessment of CPR(Basic Life support)
IV Injection arm	Demonstrate IV injection	IV Injection arm	 Practical assessment of IV site for injection

SOP 'S FOR SKILL LAB

Title of Skill station	Learning Objectives (at the end of the session the student/learner should be able to)	Logistics	Assessment
Examination of eye	Practices the use of ophthalmoscope, Examine the fundus & identify various pathology in the eye	Eye Examination SimulatorOphthalmoscope	Practical demonstration to identify various pathology in the eye.
Examination of ear	 Use and handle an otoscope Examine the acoustic meatus, tympanic membrane & recognize various pathologies. Perform ear wax &foreign body removal 	 Ear examination Simulator Foreign body removal set 	Practical demonstration to identify the various pathology of Acoustic meatus & Tympanic menbrance.
Lumbar & Epidural Puncture	Enumerate the steps in identification of intrathecal and Epidural Space	 Lumbar Spinal & Epidural Simulator Spinal & Epidural Needles 	To demonstrate the technique of spinal & Epidural anaesthesia
Paediatric Resuscitation	Initiate CPCR.To give effective breaths &	Baby Anne Manikin	Practical assessment of

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	 Understands the risk associated with catheterization. Identifies the equipment's required for catherization. Performs the safe and sterile technique of inserting and removal of an urinary catheter. Identifies the different types of urinary catheter 	catheter size (10fr – 12fr) Xylocaine jelly, 10cc syringe Sterile water for balloon Mackintosh Antiseptic solution Tape to secure the bag Gauze piece Sterile urinary bag with catheter	
Blood transfusion	 Identifies various types of blood and blood products and reasons for the administration. Identifies the risk of blood transfusion. Understands the risk of blood transfusion reaction. Performs the essential steps which is necessary in safe administration of blood and blood products. 	 Blood transfusion set Mackintosh and towel Tourniquet Cotton swabs and antiseptic solution. Adhesive tape and scissors. Gloves Kidney tray IV stand Normal saline Paper Bag Blood or any of its components with cover received from blood bank with the name recipient. 	Practical return demonstration of blood transfusion
IV cannulation	 Understands the purposes and indications for IV cannulation. Familiarize with the equipment and procedure Identifies the common IV fluids administered Identifies common complications and reactions of IV cannulation Demonstrate proper skin cleaning aseptic venipuncture 	 Sterile gloves IV cannula (16/18G) Tourniquet Cotton swabs Adhesive tape Spirit IV stand IV tubing's Kidney tray Normal saline Syringe 	Practical return demonstration of IV cannulation.

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1 1 1	compressions	(74a, esdanos) (14a es unos,m)	steps of paediatric Resuscitation
Child Patient Care Manikin	 To learn Ostomy Care Demonstrate Catheterization and its care Illustrate Suture care 	Child Patient Care Manikin	Ostomy care, Catheterization and suture care
Sani Baby new born baby CPR	Demonstrate CPR for new born	Sani Baby new born baby CPR	 Practical assessment on steps of paediatric resuscitation
Heart & Breath Sounds	To identify types of Heart & breath sounds	Heart & Breath sound Simulator Stethoscope	 Practical assessment for identification of normal and abnormal sounds
Endotracheal intubation (Adult/Paediatric)	 To do direct laryngoscopy & identify the structures. To do endotracheal intubation 	 Advanced airway manikin. Larygoscope and blades Endotracheal tubes. 	 Practical demonstration of laryngoscopy and intubation.
Catheterization	 To adopt aseptic catheterization technique. Catheter insertion & withdrawal 	 Advanced Catheterization trainer Foley's Catheter with bag. 	 Practical demonstration of catheterization of male & Female
Central Venous cannulation	 To demonstrate the anatomy of internal jugular veins. To identify IJV and puncture with needle and secure the CV cannula 	 Central venous cannulation simulator CV cannula CV needke IV Fluid 	 Practical demonstration of Central Venous cannulation.
Episiotomy	Perform an episiotomy and Systematic closure in layers.	Episiotomy Model with necessary instruments	 Practical demonstration to perform, episiotomy & suturing.
Susie OB Simulator	Demonstrate the progress of process of normal labor through simulator.	 Padded abdomen cover 03 Dilating cervices 03 Vulval inserts 02 placentas 03 umblical cords 02 umblical clamps 	 Vaginal delivery Post partum haemorrhage
PPIUCD	Demonstrate IUCD insertion	PPIUCD insertion	Assessment of practical PPIUCD insertion

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Multipurpose Uterus Trainer	 Demonstrate cervical dilatation Demonstrate antenatal assessment 	Multipurpose Uterus Trainer	 Practical assessment of antenatal and check cervical dilatation
Postnatal uterus	Demonstrate postnatal examination	Postnatal uterus	 Practical assessment of antenatal
Critical chole Adv. Light	Demonstrate all the basic procedures like Catheterization-male, female, bed bath, hair care, wound care, colostomy care, tracheostomy care, IV injection To identify various injection sites	Critical chole Adv. Light	Practical assessment of basic procedures
Basic Billy	Demonstrate CPR procedure	Basic Billy with mobile app	 Practical assessment of CPR(Basic Life support)
IV Injection arm	Demonstrate IV injection	IV Injection arm	 Practical assessment of IV site for injection

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EMERGENCY NURSING LIFE SUPPORT

Name of the Model	LEARNING OBJECTIVES (At the end of the session the students/learner should be able to)	LOGISTICS	ASSESSMENT
CPR	 Identifies the components of cardiopulmonary resuscitation (CPR) To perform each step in sequence of survival and how it relates to the emergency medical services To identify the technique of external chest compressions on an adult that are hard, fast, and minimally interrupted Perform steps of adult one-and two-rescuer CPR. 	 Exhaled Air Resuscitation Masks. Pair of Gloves. Ambu Bag. CPR Manikin 	Practical Demonstration and return demonstration on CPR
Chocking	 Identify the components of foreign body stuck in the throat To perform each step-in sequence of survival how it relates to the emergency medical services. To identify the techniques of holding chest to remove foreign body removal 	-	Practical Demonstration and return demonstration on removal of foreign body removal
Airway	 Identify the components of airway. To perform each step-in sequence of survival how it relates to the emergency medical services. To identify the techniques of holding the airway and intubation 	-	Practical return demonstration of intubation and extubation
Vaginal Birth Simulator	 Show how to approach the patient in labor Recognize the stages of active labor Describe the fetal position Demonstrate 	Birthing torso Male newborn Placenta Umbilical cords	Vaginal delivery Caesarean section delivery Intrauterine manipulation Prolapse of

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	fetal head delivery . Demonstrate cord clamping Demonstrate 3 rd stage management	umbilical cord Normal delivery of umbilical cord and placenta Vaginal speculum examination
Susie Simulator (Male and female)	To demonstrate all the basic nursing procedure.	Practical return demonstration of all the nursing procedure

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