



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 RGUIS, 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

Sl. no	Name of the Model	Learning Objectives (at the end of the session the student/learner should be able to :)	Logistics	Assessment
1	CPR	<ul style="list-style-type: none">➤ Initiate CPR➤ To give effective breaths and compressions	CPR manikin with accessories	Practical Demonstration of the steps CPR
2	I.V cannulation I.V injections	<ul style="list-style-type: none">• To demonstrate steps in intravenous access• To secure IV cannula• Understand the concepts of IV cannulation & Injection.• Perform the IV cannulation & Injection procedure	1. Advanced Nursing Baby manikin with all necessary accessories. 2. IV cannula, 3. IV infusion sets	Practical demonstration of venipuncture and fixing of IV cannula
3	Oxygen administration	<ul style="list-style-type: none">• Assess the need for oxygen administration• Check the order for rate 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	<ul style="list-style-type: none">• 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
5	Ostomy care	<ul style="list-style-type: none">• 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
7	Suture removal	<ul style="list-style-type: none">• Enumerate the different types of sutures• Understand the principles of suture removal• Perform steps of suture removal	Child manikin with all accessories	Practical demonstration of suture removal
8.	Child Patient Care Manikin	<ul style="list-style-type: none">• To learn Ostomy Care• Demonstrate Catheterization and	Child Patient Care Manikin	Ostomy care, Catheterization and

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		its care		suture care
9.	Sani Baby new born baby CPR	<ul style="list-style-type: none"> Illustrate Suture care 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	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Birthing torso Male newborn Placenta Umbilical cords 	<ul style="list-style-type: none"> Vaginal delivery Caesarean section delivery Intrauterine manipulation Prolapse of umbilical cord Normal delivery of umbilical cord and placenta Vaginal speculum examination
Gynaecological Simulator	<ul style="list-style-type: none"> Demonstrate competence in assessing gynaecological to perform bi-manual examination, pap smear and vaginal swab. 	<ul style="list-style-type: none"> Birthing torso 	<ul style="list-style-type: none"> Bi-manual pelvic examination. Visual recognition of normal and abnormal cervixes
Susie OB Simulator	<ul style="list-style-type: none"> Demonstrate the progress of process of normal labor through simulator. 	<ul style="list-style-type: none"> Padded abdomen cover 03 Dilating cervixes 03 Vulval inserts 02 placentas 03 umbilical cords 02 umbilical clamps 	<ul style="list-style-type: none"> Vaginal delivery Post partum haemorrhage
Birth Stage Dilator	<ul style="list-style-type: none"> Demonstrate the consistency of cervix Estimate the average dilatation of the cervix. 	<ul style="list-style-type: none"> 06 Birth stage inserts 	<ul style="list-style-type: none"> Cervical dilatation
Episiotomy	<ul style="list-style-type: none"> Perform an episiotomy & systematic closure in 	<ul style="list-style-type: none"> Episiotomy model with necessary 	<ul style="list-style-type: none"> Practical demonstration to

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	layers	instruments	perform episiotomy & suturing
PPIUCD	<ul style="list-style-type: none"> Demonstrate IUCD insertion 	<ul style="list-style-type: none"> PPIUCD insertion 	<ul style="list-style-type: none"> Assessment of practical PPIUCD insertion
Multipurpose Uterus Trainer	<ul style="list-style-type: none"> Demonstrate cervical dilatation Demonstrate antenatal assessment 	<ul style="list-style-type: none"> Multipurpose Uterus Trainer 	<ul style="list-style-type: none"> Practical assessment of antenatal and check cervical dilatation
Postnatal uterus	<ul style="list-style-type: none"> Demonstrate postnatal examination 	<ul style="list-style-type: none"> Postnatal uterus 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Exhaled Air Resuscitation Masks. Pair of Gloves. Ambu Bag. CPR Manikin 	<ul style="list-style-type: none"> Practical Demonstration and return demonstration on CPR
Nasogastric feeding	<ul style="list-style-type: none"> 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. Understands the technique of irrigating and inserting of NG tube. 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Return demonstration of Nasogastric feeding
Urethral catheterization	<ul style="list-style-type: none"> Understands the indications and contraindications of catheterization. Identifies the appropriate catheter size & type. 	<ul style="list-style-type: none"> Dressing trolley Catheterisation sterile pack Sterile gloves Appropriate 	<ul style="list-style-type: none"> Practical return demonstration of urethral catheterization



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	<ul style="list-style-type: none"> • Understands the risk associated with catheterization. • Identifies the equipment's required for catheterization. • Performs the safe and sterile technique of inserting and removal of an urinary catheter. • Identifies the different types of urinary catheter 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Practical return demonstration of blood transfusion
IV cannulation	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Sterile gloves • IV cannula (16/18G) • Tourniquet • Cotton swabs • Adhesive tape • Spirit • IV stand • IV tubing's • Kidney tray • Normal saline • Syringe 	<ul style="list-style-type: none"> • Practical return demonstration of IV cannulation.

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	<ul style="list-style-type: none"> technique Identifies the appropriate IV cannula. Performs proper aseptic technique of IV cannulation 		
Critical chole Adv. Light	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Critical chole Adv. Light 	<ul style="list-style-type: none"> Practical assessment of basic procedures
Basic Billy	<ul style="list-style-type: none"> Demonstrate CPR procedure 	<ul style="list-style-type: none"> Basic Billy with mobile app 	<ul style="list-style-type: none"> Practical assessment of CPR(Basic Life support)
IV Injection arm	<ul style="list-style-type: none"> Demonstrate IV injection 	<ul style="list-style-type: none"> IV Injection arm 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Practices the use of ophthalmoscope, Examine the fundus & identify various pathology in the eye 	<ul style="list-style-type: none"> Eye Examination Simulator Ophthalmoscope 	Practical demonstration to identify various pathology in the eye.
Examination of ear	<ul style="list-style-type: none"> Use and handle an otoscope Examine the acoustic meatus, tympanic membrane & recognize various pathologies. Perform ear wax & foreign body removal 	<ul style="list-style-type: none"> Ear examination Simulator Foreign body removal set 	<ul style="list-style-type: none"> Practical demonstration to identify the various pathology of Acoustic meatus & Tympanic membrane.
Lumbar & Epidural Puncture	<ul style="list-style-type: none"> Enumerate the steps in identification of intrathecal and Epidural Space 	<ul style="list-style-type: none"> Lumbar Spinal & Epidural Simulator Spinal & Epidural Needles 	<ul style="list-style-type: none"> To demonstrate the technique of spinal & Epidural anaesthesia
Paediatric Resuscitation	<ul style="list-style-type: none"> Initiate CPR. To give effective breaths & 	<ul style="list-style-type: none"> Baby Anne Manikin 	<ul style="list-style-type: none"> Practical assessment of



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	compressions		steps of paediatric Resuscitation
Child Patient Care Manikin	<ul style="list-style-type: none">To learn Ostomy CareDemonstrate Catheterization and its careIllustrate Suture care	<ul style="list-style-type: none">Child Patient Care Manikin	<ul style="list-style-type: none">Ostomy care, Catheterization and suture care
Sani Baby new born baby CPR	<ul style="list-style-type: none">Demonstrate CPR for new born	<ul style="list-style-type: none">Sani Baby new born baby CPR	<ul style="list-style-type: none">Practical assessment on steps of paediatric resuscitation
Heart & Breath Sounds	<ul style="list-style-type: none">To identify types of Heart & breath sounds	<ul style="list-style-type: none">Heart & Breath sound SimulatorStethoscope	<ul style="list-style-type: none">Practical assessment for identification of normal and abnormal sounds
Endotracheal intubation (Adult/Paediatric)	<ul style="list-style-type: none">To do direct laryngoscopy & identify the structures.To do endotracheal intubation	<ul style="list-style-type: none">Advanced airway manikin.Laryngoscope and bladesEndotracheal tubes.	<ul style="list-style-type: none">Practical demonstration of laryngoscopy and intubation.
Catheterization	<ul style="list-style-type: none">To adopt aseptic catheterization technique.Catheter insertion & withdrawal	<ul style="list-style-type: none">Advanced Catheterization trainerFoley's Catheter with bag.	<ul style="list-style-type: none">Practical demonstration of catheterization of male & Female
Central Venous cannulation	<ul style="list-style-type: none">To demonstrate the anatomy of internal jugular veins.To identify IJV and puncture with needle and secure the CV cannula	<ul style="list-style-type: none">Central venous cannulation simulatorCV cannulaCV needleIV Fluid	<ul style="list-style-type: none">Practical demonstration of Central Venous cannulation.
Episiotomy	<ul style="list-style-type: none">Perform an episiotomy and Systematic closure in layers.	<ul style="list-style-type: none">Episiotomy Model with necessary instruments	<ul style="list-style-type: none">Practical demonstration to perform, episiotomy & suturing.
Susie OB Simulator	<ul style="list-style-type: none">Demonstrate the progress of process of normal labor through simulator.	<ul style="list-style-type: none">Padded abdomen cover03 Dilating cervices03 Vulval inserts02 placentas03 umbilical cords02 umbilical clamps	<ul style="list-style-type: none">Vaginal deliveryPost partum haemorrhage
PPIUCD	<ul style="list-style-type: none">Demonstrate IUCD insertion	<ul style="list-style-type: none">PPIUCD insertion	<ul style="list-style-type: none">Assessment of practical PPIUCD insertion

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Multipurpose Uterus Trainer	<ul style="list-style-type: none">• Demonstrate cervical dilatation• Demonstrate antenatal assessment	<ul style="list-style-type: none">• Multipurpose Uterus Trainer	<ul style="list-style-type: none">• Practical assessment of antenatal and check cervical dilatation
Postnatal uterus	<ul style="list-style-type: none">• Demonstrate postnatal examination	<ul style="list-style-type: none">• Postnatal uterus	<ul style="list-style-type: none">• Practical assessment of antenatal
Critical chole Adv. Light	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Critical chole Adv. Light	<ul style="list-style-type: none">• Practical assessment of basic procedures
Basic Billy	<ul style="list-style-type: none">• Demonstrate CPR procedure	<ul style="list-style-type: none">• Basic Billy with mobile app	<ul style="list-style-type: none">• Practical assessment of CPR(Basic Life support)
IV Injection arm	<ul style="list-style-type: none">• Demonstrate IV injection	<ul style="list-style-type: none">• IV Injection arm	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Exhaled Air Resuscitation Masks. Pair of Gloves. Ambu Bag. CPR Manikin 	Practical Demonstration and return demonstration on CPR
Chocking	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 	-	<ul style="list-style-type: none"> Practical return demonstration of intubation and extubation
Vaginal Birth Simulator	<ul style="list-style-type: none"> Show how to approach the patient in labor Recognize the stages of active labor Describe the fetal position Demonstrate 	<ul style="list-style-type: none"> Birthing torso Male newborn Placenta Umbilical cords 	<ul style="list-style-type: none"> Vaginal delivery Caesarean section delivery Intrauterine manipulation Prolapse of

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	<ul style="list-style-type: none">fetal head delivery . Demonstrate cord clamping Demonstrate 3 rd stage management		<ul style="list-style-type: none">umbilical cordNormal delivery of umbilical cord and placentaVaginal speculum examination
Susie Simulator (Male and female)	<ul style="list-style-type: none">To demonstrate all the basic nursing procedure.		<ul style="list-style-type: none">Practical return demonstration of all the nursing procedure

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