

Child Branch Clinical Skills.

Please note this list only covers the clinical skills taught and not the theory we do alongside it.

Year one

Infection Control and Aseptic Technique

1. Correct hand decontamination/washing hands.
2. Apply sterile gloves.
3. Prepare a sterile field and carry out an aseptic technique.

Mandatory Training

Basic Life Support

1. Assessment of deteriorating patient – introducing systematic ABCDE approach.
2. Choking guidelines/procedure (adult and child/infant)
3. Recovery position (adult and child/infant)
4. Basic life support (adult and child/infant)
5. Bag valve mask technique (adult and child/infant)
6. Use of an AED

Moving and Handling

Discussed:

1. Slide sheets and slings
2. Hoist
3. Sit to Stand
4. Rota Stand
5. Stand Aid
6. Falling patient
7. 3 principles moving and handling (base position, natural curve spine, and short levers)

The following techniques the students will be observed doing:

1. Supported walking
2. Slide sheet – insertion of supine slide and side glide slide
3. Hoisting

Nutrition

1. Measuring and recording a patient's height and weight to calculate BMI.
2. Completing a fluid chart
3. Students to take it in turns to feed each other using different equipment
4. Sterilising infant feeding equipment (microwave, electric, cold water)
5. Preparing breast milk substitute (infant formula)
6. Breast feeding assessment
7. Responsive bottle feeding (information covering, positioning and winding)
8. Calculating fluid/feed requirements
9. Completing weight, height, head circumference on infants
10. Completing growth centile charts for the infant
11. Passing a nasogastric tube on infant and child/adult using infant and adult manikin

Personal Hygiene

1. How to attend to/assist a patient/client's to hygiene needs, whilst demonstrating safe principles of moving and handling, including urinary and supra pubic catheter care.
2. Pressure area care, including the use of pressure relieving equipment
3. Demonstrate and experience oral hygiene using a toothbrush and toothpaste
4. Practice changing infants nappy
5. Changing infants nappy in an incubator
6. Demonstrating safety and the procedure for bathing an infant

Elimination

1. Collection of CSU samples and complete microbiology form
2. Perform urinalysis
3. Collecting urine sample from urine collection pad and from potty
4. Applying urine collection bag to infant manikin
5. Weighing nappies, to calculate urine output
6. Collection of faecal specimen and complete microbiology form
7. Application of a colostomy bag
8. Administer an enema
9. Correct placement of a bedpan
10. How to use a commode
11. Emptying and measuring contents of a catheter bag

Vital Signs

Learn the skills of measuring and recording:

1. Temperature (oral, chemical, tympanic, axillia)
2. Pulse (manual and electric)
3. Respirations
4. Peak Flow
5. Nebuliser
6. Oxygen Saturations
7. Oxygen Delivery (Nasal Specs, Face Masks, Non rebreathes, manikin with tracheostomy) supported with video.
8. Blood pressure including manual, electric, and use of the Doppler.
9. Use of NEWS 2 and Children's early warning scoring system (COAST at Poole hospital)

Medicines Management

1. Explain the legislation and processes involved in the administration of medication including the 8 rights of drug administration

2. Introduce drug calculations and numeracy skills using computer based packages and sign posting students to available university skills workshops
3. Explain the procedure taken should a mistake occur during the administration of medication
4. Explain and demonstrate the importance of safe use and disposal of sharps
5. Administer an intramuscular and subcutaneous injection
6. Introduce and learn how to navigate the British National Formulary (BNF)
7. Students advised they will be allowed to administer oral and injectable drugs under supervision only
8. Students advised they are NOT allowed to give IV medication

Pain Management and Care of the Dying

1. Introduce various assessment tools to assess pain
2. Further development of knowledge of prescription charts, routes of administration, use of the WHO pain ladder and the BNF

Basic First Aid

Students will be taught how to recognise, treat and know when to seek further medical treatment of the following:

1. Nose bleeds
2. Splinters
3. Grazes and minor cuts
4. Embedded foreign body
5. Burn
6. Fractures
7. Spinal Injuries
8. Bleeding
9. Shock

They will begin to develop the skills of peer review and feedback through role play scenarios

Year 2 – These sessions are generally scenario based

Complex Care

1. Demonstrate oral pharyngeal, nasopharyngeal airway, laryngeal mask, tracheostomy and ET tube suctioning on a simulation suction manikin
2. Demonstrate an understanding of the care of a patient with a tracheostomy
3. Understand the principles of safe blood transfusion
4. Arterial and venal blood results. Recognition of normal range
5. Introduction to ECG's rhythms and relevant treatment

Primary Care Skills

1. Completing weight, height, head circumference on infants
2. Completing growth centile charts for the infant
3. Calculate maintenance fluids
4. Administer subcutaneous injection
5. Discuss naso-gastric tube feeding
6. Demonstrate the insertion of a naso-gastric tube on an infant and adult manikin
7. Demonstrate the preparation and administration of Insulin using a manikin
8. Demonstrate female catheterisation on a manikin

Wounds

1. Identify the processes and stages of wound healing
2. Identify a range of appropriate dressings
3. Identify vocabulary relating to wound management
4. Demonstrate a simple wound assessment using assessment tools
5. Demonstrate a range of skills to aid healing
6. Dress sacral wound
7. Spiral bandaging
8. Steri-strip wound
9. Doppler

10. Suture removal

11. Remove clips

Perioperative Care

1. Identify the potential needs & or problems and goals of the pre-operative patient
2. Identify the potential needs/problems and goals of the post-operative patient
3. Explore, plan and implement the nurses' role in delivery of care in the post-operative period including paediatric early warning scoring , escalating care and a brief recap of SBAR reporting
4. Discuss checklist for preparing patients for theatre
5. Students to assess patient's needs, simulate care and implement treatment. Post-operative considerations
6. Introduce principle of SBAR

Emergency Care Skills

How to manage a deteriorating patient with:

1. Diabetes
2. Sepsis
3. Asthma
4. Maternal health (Pre eclampsia)
5. A suicidal event

Year 3

Moving and Handling (as for year 1)

Basic First Aid (as for year 1)

Critical Decision Making

1. Students given ward of patients and have to develop their prioritisation skills
2. Recognition of the deteriorating patient.
3. Managing an arrest

Medicines Management

1. Identify the legislation regulating the administration of drugs in nursing
2. Participate in a range of problem based scenarios linked to the administration and management of medication across the lifespan
3. Carry out a range of drug calculations without a calculator
4. Utilise the British National Formulary accurately to ensure safe administration of medicines

Supporting Best Practice

1. Students taught to appraise their own and peers practice and begin to support others through the demonstration of a range of essential clinical skills: injection technique, manual blood pressure, aseptic technique, naso-gastric tube insertion & female catheterisation