

## Netcare Post Graduate Training Courses

### Overview

The Diplomas are intended for **Registered Nurses** who require an additional qualification their chosen field in order to be able to function with advanced intellectual and practical competencies in the said department as a leader, consultant, educator and specialist practitioner.

Applicants will attend the theoretical training at Netcare Education's Campus for speciality as well as days for nursing dynamics.

Practical training will take place at accredited training facilities as per clinical requirements. Rotation to various other facilities will be required for obtainment of clinical requirements.

For the Post-Basic Specialist Programmes a holistic approach is taken; combining theory with workplace based experiential learning in hospitals. Integrated training is provided in applied anatomy and physiology, disease entities, applied pharmacology, nursing diagnosis, and treatment of patients, with additional components covering research, administration, teaching and applied nursing dynamics.

A Registered/Enrolled Nurse can develop their career by specializing in one or more post-basic fields of healthcare. Through the in- service certificate programmes, Nurses can acquire minimum skills for safe practice in a specialty unit. The Post Basic Diploma Programmes are aimed at development of advanced intellectual and clinical competencies in the selected field of interest – qualifying Nurses to work as a leader, consultant, educator and specialist practitioner in providing evidence-based care to patients, together with other team members within their scope of practice.



## **Nursing Options**

**Any of the following 6 month Nursing options are available to you**

- Critical Care Nursing
- Trauma and Emergency Nursing
- Operating Theatre Nursing
- Anaesthetic and Recovery Room Nursing
- Infection Prevention and Control
- Orthopaedic Nursing
- Child Nursing
- Neonatal Intensive Care Nursing Science
- Maternity Nursing
- Paediatric Cardio-thoracic Nursing

### **Education content covers:**

#### **Critical Care Nursing**

Earn a respected position in the critical care environment by acquiring the specialist knowledge and skills required for the appropriate care of critically ill patients in the critical care environment. Education content covers cardiology and cardio-thoracic surgery, pulmonology, neurology and neuro-surgery, nephrology, gastro-intestinal medicine, general surgery, endocrine and metabolic systems, immune and haematology systems, as well as burns, trauma, and infectious conditions.

Students also acquire the skills required for comprehensive patient assessments and continuous monitoring of critically ill patients.

#### **Trauma and Emergency Nursing**

Play an integral role in the trauma and emergency room environment by acquiring the specialist knowledge and skills required for the appropriate care of patients in trauma and emergency situations.

Education content covers the mechanisms of injury including triage; trauma management; pulmonary, cardiovascular and neurological emergencies; shock; maxillo-facial injuries; spinal injuries; musculo-skeletal and integumentary emergencies; gastro-intestinal and genito-urinary emergencies; environmental, obstetric, paediatric and endocrine emergencies; sexually assaulted patients; forensic nursing; poisons ; drugs of abuse trauma in the elderly, bariatric nursing; and psychiatric emergencies.

### **Operating Theatre Nursing**

Become a member of the operating room team by acquiring the specialist knowledge and skills required for the appropriate care of patients undergoing surgery. Education content covers surgical anatomy of all regions of the body, peri-operative nursing, surgery associated with all specialties, as well as anaesthetics and recovery room nursing. Students also study the legal and ethical issues that arise in the operating room.

### **Anaesthetic and Recovery Room Nursing**

Play a key role in optimising the anaesthesia and recovery of patients undergoing surgery by acquiring the specialist knowledge and skills required for the appropriate care of patients in this environment. Education content covers anatomy and physiology of all body systems; assessment and diagnostic evaluation of operative and post-operative patients, management and maintenance of physiological homeostasis, caring for the anaesthetised patient (which includes understanding of anaesthesia, from pre-medication through in-theatre anaesthesia to post-anaesthesia in the recovery room), risk management of anaesthetised patients in terms of cardiovascular, respiratory, nervous and musculoskeletal systems, as well as endocrine, metabolic and immune system disorders.

Students also study general recovery room nursing, the diverse anaesthetic specialities and potential anaesthetic emergencies.

### **Infection Prevention and Control**

Add value to the critical area of infection prevention within the hospital environment by acquiring specialist knowledge regarding hospital hygiene, infections, the infection process, epidemiology, microbiology and anti-infective agents, as well as the requisite skills and techniques to prevent infection, isolate patients, investigate outbreaks of infection, and maintain stringent infection control in specialised units.

### **Orthopaedic Nursing**

Contribute to the effective treatment of patients undergoing treatment for orthopaedic conditions by acquiring the appropriate specialist knowledge and skills. Education content covers anatomy and physiology of all body systems, including the musculo-skeletal system, joints and levers, the nervous, circulatory, endocrine, metabolic and immune system (and their potential disorders), diagnostic investigations and comprehensive patient assessments.

### **Child Nursing**

Play a key role in the care and recovery of paediatric patients by acquiring specialist knowledge in the common medical and surgical conditions in infants and children; plus the relevant treatment skills. Education content covers applied biological and natural sciences, including the growth and development of infants and children, nutrition and the national guidelines applicable to situations where their health status is compromised; and child nursing skills, including knowledge of the psycho-social and cultural development milestones, the effects of hospitalization and principles of paediatric surgery.

### **Neonatal Intensive Care Nursing Science**

Enjoy the reward of aiding the treatment of high-risk and/or critically ill neonates by acquiring the specialist knowledge and skills required to care for full-term, pre-term and SGA infants. Education content covers embryology, birth changes, the structure and functions of the body systems in neonates, the common conditions treated in the neonatal intensive care unit, assessment and monitoring of patients; and specific life-support techniques.

Students also learn maternity/obstetric nursing skills and study the ethical, psycho-social and medicolegal aspects of neonatal ICU care.

### **Maternity Nursing**

Contribute to the magical moments of childbirth by acquiring the specialist knowledge and skills required to care for maternity patients. Training content covers the female reproductive system (including the menstrual cycle and fertilisation), physiological changes during pregnancy, the physiology of labour and delivery, foetal circulation and the changes that occur at birth, normal pregnancy and delivery, potential complications; the role of underlying illnesses, monitoring the process of labour, internal examinations and induction of labour, delivery, management and care of the newborn, care of the placenta, Caesarean section, instrument deliveries and delivery complications; examination of the newborn, breastfeeding and/or supplementary and formula feeding; as well as post-natal care of mother and child.

Students also study the ethical, psychosocial and medico-legal aspects of obstetrics, and family planning (including contraception techniques, termination of pregnancy and HIV-related aspects of care).

### **Paediatric Cardio-thoracic Nursing**

Take your place as a member of the paediatric cardio-thoracic team by acquiring the super specialist knowledge and skills required for the appropriate care of patients in this environment. Education content covers the growth and development of infants and children; nutrition, common paediatric cardio-thoracic conditions and related surgical techniques, assessment and monitoring of paediatric cardio-thoracic patients, and child nursing skills. The latter includes knowledge of the psychosocial and cultural development milestones in infants and children, as well as the effects of hospitalisation and surgery.

Students also study the ethical, psychosocial and medico-legal aspects of paediatric cardiothoracic medicine.