Ng Teng Fong
General Hospital

Jurong
Community
Hospital

Core Programmes

ACCREDITED PROVIDER

Administration of Intravenous Medications

Course Overview

This course equips the Registered Nurse with enhanced knowledge and skills to administer Intravenous (IV) Medicines safely according to legal & ethical aspect in accordance to MOH, SNB and institutional guidelines.

Course Objectives

Upon completion of this course, the participant will be able to:

- Identify the medico-legal implications associated with the Registered Nurses' responsibilities in administering the designated medicines intravenously.
- Administer intravenous medicines according to governing bodies policy and guidelines.
- Describe the actions, doses, routes, side effects, indications, contraindications, compatibility, speed of injection and reconstitution for designated intravenous medicine which is administered either via bolus or burette or infusion bag/bottle or syringe pump.
- Demonstrate competence in administering designated medicines intravenously via the bolus, intermittent continuous and continuous infusion methods.
- Identify the responsibilities of the RN during situations where patients develop complications from administrations of the medications intravenously.

Course Contents

1. Introduction to administration of medicine intravenously.
2. Roles and Responsibilities of RNs administering intravenous medicines according to hospital policy.
3. Applying medico-legal aspects associated with RN's responsibilities in intravenous administration of medication.
4. Pharmacology:
   a. *Actions; Pharmacokinetics & Pharmacodynamics*
   b. *Dosage & Routes,*
   c. *Side effects,*
   d. *Indications and Contraindications.*
5. Drug Calculation.
6. Competence in providing nursing care to patients receiving designated medicines intravenously.
7. Responsibilities of the RN during situations where patients develop complications.

Course Assessment
- Theory
- Skills Competency

Course Duration
2 days (14 hours)

Target Audience
Registered Nurses

Course Fee
S$ 450

Participants per Class
20-25

Mandatory
Yes