

# Intravenous Administration of Drugs

This course aims to educate participants on how to administer drugs via the intravenous route. It will cover topics relating to this task including accountability, pharmacokinetics and drug calculations. Principles of aseptic technique, information needs of the patient, gaining consent and complications that may arise before, during and after the procedure are further topics which will be explored on the day. A workshop style of teaching will be used with a demonstration and practice on drug calculations and the administration of intravenous drugs. The ultimate aim is for participants to learn how to carry out intravenous administration of drugs in a competent and safe manner.

This course will provide the necessary knowledge and skills to undertake intravenous administration of drugs. However, it will be necessary for each nurse and midwife attending to ensure that they abide by their local policy on intravenous administration of drugs in their place of work.

## Outline of Day

*Note: Category 1 Approved by Nursing and Midwifery Board of Ireland (NMBI)*

09.45	Registration
10.00	Introduction Learning outcomes
10.15	Accountability Scope of Practice Hospital policies
11.00	Tea / Coffee
11.30	Pharmacokinetics, Absorption, Distribution, Metabolism, Elimination of Drugs
12.15	Lunch
13.00	Drug Calculations Workshop – demonstration and practice
13.45	Intravenous Administration of Drugs: Theory and Practice
15.15	Multiple Choice Question test
16.00	Questions and Evaluation
16.15	Close

## Aims and Objectives

- To educate nurses and midwives to carry out intravenous administration of drugs in a competent and safe manner.
- To promote awareness of the nurse's and midwife's accountability in undertaking intravenous administration of drugs.
- To provide guidance on how to undertake drug calculations.
- To increase knowledge on and to promote adherence to the principles of an aseptic technique.
- To provide information on complications that may arise during and after the procedure.