



Intravenous Therapy

Intravenous (IV) therapy is a basic but vital skill used in every clinical setting for administering medication, parenteral nutrition, blood transfusion and maintaining fluid and electrolyte balance. Peripheral IV cannulation is a fundamental nursing skill that requires rigorous training and reinforcement to avoid procedural complications. The aim of this module is to provide nurses with knowledge and skills on the principles and techniques of IV cannulation and procedures related to that.

Learning Outcomes

- Review the anatomy and physiology of circulatory and venous system
- Discuss indications and contraindications of IV therapy
- Identify various veins and sites used in IV therapy
- Differentiate types of IV cannulas
- Practice IV cannulation in a simulated environment
- Explain approaches to detect and prevent complications of IV therapy
- Calculate IV drip rate
- Discuss modern techniques used in IV therapy

Training Material

- Multimedia audio visual aids
- Venipuncture arm model
- Handouts

Duration

6 hrs

No. of Participants per Instructor

15