ASMIRT
2017
Australian Society of Medical Imaging and Radiation Therapy

Guidelines

FOR MEDICAL RADIATION PRACTITIONERS INVOLVED IN VENEPUNCTURE AND/OR CANNULATION
Guidelines

Venepuncture is the procedure of obtaining intravenous access, which may be achieved using a variety of peripheral venous access devices. The term cannulation is applied when venepuncture is performed by means of a venous cannula.

Medical Radiation Practitioners performing venepuncture and/or cannulation must be adequately trained in the relevant procedures. Formal certification of a Medical Radiation Practitioners clinical competence in venepuncture and/or cannulation should only occur after successfully completing a well-defined clinical training program endorsed by the employer. The clinical training program should include, but not be limited to, the following:

- Vascular anatomy and physiology
- Vein selection
- Insertion technique
- Aseptic technique and universal precautions
- Complications
- Medical and legal implications

Certification in venepuncture and cannulation should be renewed on an annual basis and a register of certified staff should be maintained by the organisation / institution.

From a professional indemnity perspective, ASMIRT members who work within their scope of professional practice and training are eligible for cover by ASMIRT’s professional indemnity insurance policy.

These guidelines should be read in conjunction with ASMIRT’s – Guidelines of Professional Conduct.