



UNIVERSITÀ
CATTOLICA
del Sacro Cuore



Training course for physicians and nurses

Insertion and management of PICC-ports

A University course of the Catholic University, in collaboration with GAVeCeLT and with the Vascular Access Team of the University Hospital 'A. Gemelli'

January 18th-22nd, 2027 - Policlinico Universitario 'A. Gemelli', Roma

Part one - Theory and practice on simulators – Monday, January 18th, 2027

9 am – A short story of brachial ports and the definition of 'PICC-port'

10 am - Role of chest-ports and PICC-ports in clinical practice: the DAV-Expert algorithm

11:00 a.m. - Choice between PICC-port, chest-port and femoral port: indications and contraindications

12 noon - State of the art of PICC-port insertion: the SIP-port protocol; the RaPeVA method; the intracavitary ECG method; the ECHOTIP protocol for ultrasound-based tip navigation and tip location; choice of the venipuncture site and choice of the reservoir site, applying Dawson's ZIM method; technique of preparation and closure of the pocket.

1:00 p.m. - Lunch break

2 pm - State of the art in PICC-port management: prevention and early diagnosis of infection; prevention and treatment of venous thrombosis; flush and lock protocols.

3 p.m. - Video session

4 p.m. - Hands-on practice

- pocket preparation and closure with intradermal stitches and cyanoacrylate glue (on simulator)
- selection of the site of venipuncture and of the site for the reservoir (on volunteers).

6 p.m. - Closing of the day

Part Two - Clinical training – From Tuesday, January 19th to Friday January 22nd, 2026

The second part of the course includes a clinical training at the Outpatient Units of our Hospital where PICC-ports are inserted. During the clinical training, learners will watch the insertion of PICC-ports and then they will insert them under the tutorship of the course faculty.

Part Three - Final Audit

After the 'tutored' learning curve (which takes place during the clinical training described above), there will be an 'autonomous' learning curve - without a tutor - carried out by the learner at his or her own facility or clinical unit. This will be followed by a final verification or 'audit', preferably within 3-6 months of the start of the course, during which the level of competence and technical ability attained by the learner will be assessed.

After the audit, a certificate will be issued certifying that the learner has successfully completed the PICC-port insertion training in a manner that complies with the requirements of the WoCoVA Consensus.

The course is limited in number and reserved for a maximum of 4 participants.

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