

Venous Disease Rotation

The Vascular Surgery Resident is expected to:

MEDICAL EXPERT

Knowledge: Basic Science and Anatomy

- Demonstrate a complete understanding of the anatomy and physiology of the venous system

Knowledge: General Clinical

- Demonstrate the ability to take a thorough and relevant history in the patient with a venous condition
- Demonstrate appropriate physical examination skills
- Be able to synthesize information and formulate an adequate problem list
- Be able design, execute and follow-up diagnostic and therapeutic plans with judicious consideration of costs and benefits
- Demonstrate a complete understanding and ability to apply the CEAP classification system to patients evaluated with a venous condition

Knowledge: Specific Clinical Problems

- Demonstrate a knowledge of the natural history and physiology of as well as a diagnostic approach to the management of:
 - Asymptomatic varicose veins
 - Symptomatic varicose veins including patient with edema, pain, stasis dermatitis and ulceration
 - Deep venous insufficiency
 - Chronic post-thrombotic syndrome
 - Obstructive venous hypertension
 - Deep venous thrombosis

Knowledge: Technical

- Demonstrate an understanding of the indications for and techniques of:
 - Sclerotherapy / Foam sclerotherapy
 - Phlebectomy
 - Varicose vein stripping
 - Endoluminal vein therapy including endovenous laser and radiofrequency ablation
- Demonstrate an understanding of the potential risks and complication of:
 - Sclerotherapy
 - Phlebectomy
 - Varicose vein stripping
 - Endoluminal vein therapy including endovenous laser and radiofrequency ablation

- Demonstrate an approach to management of the complications occurring after:
 - Sclerotherapy
 - Phlebectomy
 - Varicose vein stripping
 - Endoluminal vein therapy including endovenous laser and radiofrequency ablation

COMMUNICATOR

- Establishes a therapeutic relationship with patients and communicates well with family. Provide clear and thorough explanations of diagnosis, investigation and management.
- Establishes good relationships with peers and other health professionals. Effectively provides and receives information.
- Handles conflict situations well.
- Prepares documentation that is accurate and timely.
- Understands the components of an informed consent and demonstrates the ability to obtain one.
- Clearly articulates accurate and thorough patient histories when presenting at rounds and seeking consultation.

COLLABORATOR

- Interacts effectively with health professionals by recognizing and acknowledges their roles and expertise.
- Consults and delegates effectively. Advise attending staff appropriately and consult medical specialists and allied health care professionals when required.
- Collaborates effectively and constructively with other members of the health care team.
- Demonstrates appropriate principles of continuing patient care and interacts well with other members of the team to care for the patient.

LEADERSHIP

- Understands and makes effective use of information technology, such as methods for searching medical databases.
- Makes cost effective use of health care resources based on sound judgment.
- Sets realistic priorities and uses time effectively in order to optimize professional performance.
- Understands the principles of practice management.
- Is able to assess and improve the quality of care provided personally or by others.

HEALTH ADVOCATE

- Be able to educate and counsel patients on the health and preventative issues related to venous disease processes including obesity, smoking, hypertension, exercise
- Understands the specialist role to intervene on behalf of patients with respect to the social, economic and biologic factors that may impact on their health.
- Understands the specialist role to intervene on behalf of the community with respect to the social, economic and biologic factors that may impact on community health.

SCHOLAR

- Demonstrates an understanding of and a commitment to the need for continuous learning. Develops and implements an ongoing and effective personal learning strategy.
- Critically appraises medical information. Successfully integrates information from a variety of sources.
- Understands the principles of adult learning and helps others learn by providing guidance, teaching and by giving constructive feedback.

PROFESSIONAL

- Demonstrates integrity, honesty, compassion and respect for diversity.
- Fulfills medical, legal and professional obligations of the specialist.
- Meets deadlines, is punctual, monitors patients and provides follow up.
- Understands the principles of ethics and applies these in clinical situations.
- Demonstrates an awareness of own limitations, seeking advice when necessary.
- Accepts advice graciously. Has good self-assessment ability.

Revised and approved by RPC on September 6, 2024