

GUIDELINES FOR APPLICATION FOR VAS ENDORSED VASCULAR ACCESS EDUCATIONAL CENTER

The idea is creating education network of training centers in Europe and other countries endorsed by the vascular access society (VAS), where attendees will be able to upgrade their knowledge of all aspects of vascular access creation and maintenance. The VAS endorsement will be given for one year and will be renewed after receiving from the trainees a concise report on the center.

The requirements for the application are:

A brief description of the center (when established, how many people are currently working to prepare, create, and monitor vascular accesses). What is their internal protocol (if they have it) to create, monitor and maintain vascular accesses.

General criteria for application:

1. The Unit or center is within the educational network of government accredited university and research.
2. The unit has experience in education of trainees and student (nephrologist, vascular surgeon, and radiologist).

Fields of application for a Vascular Access Educational Center:

1. Ultrasound for hemodialysis vascular access, arteriovenous fistulae (AVF), arteriovenous graft (AVG) and central vein catheters, (CVC)
 - a. Preoperative mapping
 - b. Surveillance examinations
 - c. Ultrasound guided cannulation
 - d. Ultrasound and fluoroscopy guided central vein catheter placement
 - e. Ultrasound guided thrombolysis
2. Special technique in vascular access creation
 - a. Microsurgery technique using Preventive hemostasis
 1. Using operative microscope to create AV fistula
 2. Using magnifying loupes
 - c. Preventive hemostasis for VA creation and treatment of complication
 - d. Endovascular treatment of complication
 - e. Endo-AVF - ultrasound guided fistula creation
 - f. Endo-AVF – endovascular fistula creation
3. Standard technique for vascular access creation.
4. Feasibility of virtual training simulation

Please provide data regarding the following issues

1. Annual number of vascular access patient treated in the center
2. Annual number of procedures; vascular access creation and endovascular interventions
 - a. AVF
 - b. AVG
 - c. CVC
 - d. Vascular access complication, thrombectomy, surgical revision.
3. Report of quality outcome data
 - a. Primary and secondary one year patency rate of vascular access creation
 - b. Surgical intervention success rate and post intervention patency rate
 - c. post-operative Infection rate

Center Monitoring

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