A Common Curriculum for Vascular Surgery, How to Build an Educational Database

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A 28-year-old woman presents to your clinic reporting painful varicose veins over her medial left thigh and labia. She also endorses chronic pelvic pain and heaviness that are worse at the end of long days on her feet working as a nurse. Her quality of life is negatively affected by her symptoms. What is the best next step in the workup of this patient?
“VALUE DRIVEN HEALTHCARE” CURRICULUM

- 6 Sessions, 2nd Monday of each Month
  - Intro to “Value”
  - QI Core Principles
  - QI Methodology I
  - QI Methodology II
  - Patient Safety
  - Patient Experience

TIPS & TRICKS

- IHI Modules are not enough
- Faculty Champion
- Partner with “health systems engineers”
- QI projects are difficult!
  - Scope DOWN (not outcomes research)
  - Self selected vs Alignment with Institution
- Focus on learning a skill…not “completing” a project
Global Summary (GS)

Global Summary

- Level at which completed elements of the skill were performed in the scenario:
  - Level 0: Insufficient evidence observed to support a summary judgment
  - Level 1: Unable to perform the procedure, or part observed, under supervision
  - Level 2: Able to perform the procedure, or part observed, under supervision
  - Level 3: Able to perform the procedure with minimum supervision (needed occasional help)
  - Level 4: Competent to perform the procedure unsupervised (could deal with complications that arose)

Endovascular Testing

- 8 Modules
- Two platforms
  - Virtual simulation (3D Systems/Simbionix)
  - Physical model (3D Systems/Simbionix)
Develop and validate a model for "Fundamental Endo/Vascular Skills" (FEVS) assessment.

**Objective**

1. Develop and validate a model for FEVS assessment.
2. Evaluate the effectiveness of the FEVS model in assessing endovascular skills.
3. Identify areas for improvement in the FEVS model.
4. Implement and refine the FEVS model as necessary.

**Methodology**

- Evaluate the effectiveness of the FEVS model in assessing endovascular skills.
- Identify areas for improvement in the FEVS model.
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