

Kettering Medical Center  
Credentialing Criteria  
For

**Thoracic Endovascular Aortic Repair (TEVAR)**

Treatment of thoracic aortic aneurysms requires, in addition to skills for abdominal aneurysm management, expertise in open thoracotomy, and expertise in open vascular access. Because of the irreducible size of the thoracic endograft, sometimes requiring 24 Fr or larger cannulas, and because external femoral artery size may be inadequate for such cannulation, expertise in iliac vessel approach may be needed.

Multidisciplinary approach:

Skills required:

- Broad knowledge of thoracic aortic pathology, diagnosis, natural history, management options, and treatment of complications
- Familiarity with patient selection, CT scan interpretation, measurement-planning-and performance of endovascular aneurysm repair
- Demonstrated intervention skills including open access of pelvic vessels, treatment of vascular injuries, and side-branch vessel protection

Multi-disciplinary review by at least two reviewers (*separate specialties*) is required of all cases pre-operatively

All credentialed team members are required to participate in a regional or national database for thoracic aortic endograft procedures.

**Application for Privileges Requirements:**

1. Applicants must have successfully completed an ACGME/AOA accredited residency and/or fellowship program in thoracic surgery, vascular or cardiac surgery; interventional radiology, or interventional cardiology.
2. Applicants for this procedure must be Board certified by an appropriate ABMS or AOA approved board.
  - American Board/AOA equivalent of Surgery with Certification in Vascular Surgery
  - American Board/AOA equivalent of Radiology with Certificate of Added Qualifications
  - American Board/AOA equivalent of Thoracic Surgery
  - American Board/AOA equivalent of Internal Medicine with Certificate of Added Qualifications in Interventional Cardiology
  - American Board/AOA equivalent of Internal Medicine with Additional Certification in Endovascular Medicine through the American Board of Vascular Medicine
3. Applicants must document a minimum of 25 wire/catheter vascular placements in preceding 2 years.
4. Applicants must be able to document successful performance in a minimum of 10 abdominal or 5 thoracic aortic endovascular stent-grafting procedures.
5. Applicants also must have successfully completed an approved training program in endovascular repair of TAAs conducted by the company that manufactures the endovascular graft device being used.

AND

6. Procedure is to be performed by a team of at least two physicians - including a surgeon with documented experience of at least 10 open thoracic surgical procedures in preceding 2 years, and an interventionalist - either Interventional Cardiologist or Interventional Radiologist, or vascular surgeon. Surgical applicants must also document their experience with placement of large-bore catheters into the femoral and iliac arteries as well as their experience with retroperitoneal exposure of the iliac artery and performance of surgical procedures on the iliac and femoral arteries.

**Maintenance of Privileges Requirements:**

1. All practitioners must participate in peer review activities as requested by EQC.
2. Once granted privileges, the practitioner must *participate in* a case volume of at least 10 TEVAR procedures within the past 24 months based on results of ongoing professional practice evaluations and outcomes.
3. Failure to maintain *required* number of cases and participate in required peer review activities will result in automatic expiration of privileges.
4. Documentation of 10 hours of TEVAR-specific CME over the two-year reappointment cycle.

Approved:	Endovascular Sub-committee	3/6/09
	Credentials Committee	3/9/09
	Medical Executive Committee	3/17/09
	Board	4/6/09