

TAVR Patient Eligibility and What to Expect

Guidelines for providers

TAVR Candidates

Severe, symptomatic, calcified aortic stenosis in patients who are deemed “inoperable” or “high risk” for open heart surgery.

- Aortic valve area < 1.0 cm²
- Valve area index < 0.6 cm²/m²
- Mean gradient > 40 mm Hg
- Jet velocity > 4.0 M/S

Patients are deemed “inoperable” or “high risk” if:

- Comorbidities would not preclude the expected benefit from correction of the aortic stenosis
- Society of Thoracic Surgeons predicted operative score ≥ 8%
- Patients who are deemed by the heart team to be ≥ 15% risk of mortality for surgical aortic valve replacement

Examples of this include:

- Porcelain aorta
- Hostile mediastinum
- Severe COPD
- Severe dementia
- Severe PAD
- Frailty

Testing Required for TAVR

Testing done at Swedish Cherry Hill:

- Transthoracic echocardiogram
- Frailty testing
- TAVR specific CT angiogram chest/abdomen/pelvis
- Transesophageal echocardiogram (patient specific)
- Two cardiac surgery consults

Testing done locally or at Swedish Cherry Hill:

- Cardiac catheterization
- Pulmonary function tests with DLCO
- Carotid ultrasound
- Dental clearance

Visit schedule

Visit 1:

Swedish Cherry Hill, James Tower, Suite 680

1. Patient education with RN or ARNP
2. Frailty testing
3. Transthoracic echocardiogram
4. TAVR specific CT angiogram chest/abdomen/pelvis

Visit 2:

Swedish Cherry Hill, Jefferson Tower, Suite 110

1. Consultation with Structural Heart Disease interventional cardiologist
2. Consultation with cardiac surgeon

Visit 3:

Swedish Cherry Hill

1. Remainder of testing required for completing the work-up
2. Second cardiac surgery consultation

Once all testing is completed the patient is discussed in our multidisciplinary heart valve meeting. If TAVR is appropriate, the individual TAVR patient plan is formulated and the patient can be scheduled. If further testing or evaluation is needed, this will be communicated to the referring provider.

To Refer Patients to our Program:

Call: 206-320-8100

Fax: 206-233-7472

Email inquiries:

TAVRinformation@swedish.org

Access referral form:

www.swedish.org/structuralheart