Transcatheter aortic valve replacement (TAVR) is a minimally invasive procedure used to treat 
aortic stenosis without open heart surgery. It is used to treat severe aortic stenosis, a type of 
valve disease in which the aortic valve becomes narrowed over time, reducing blood flow from 
the heart into the aorta. Chest pain, shortness of breath and other symptoms should disappear 
after the diseased valve is replaced. It can increase the chance of survival and is an effective 
choice for people considered at risk of complications from a traditional aortic valve replacement 
procedure, or those who can’t undergo open heart procedures. It is often recommended for older 
adults, those who are frail, or individuals who have additional medical conditions which make 
them a better candidate for this type of procedure.

Cardiologists at the Rush Center for Adult Structural Heart Disease use FDA approved TAVR 
valves. Procedures are performed in Rush’s interventional platform, in a multi-use, hybrid 
space where surgical and catheter-based procedures are both performed. This room provides 
specialists with all the necessary technology they need to collaborate and utilize their individual 
skill sets to deliver high quality outcomes for patients.

A new technique referred to as BASILICA (Bioprosthetic or Native Aortic Scallop Intentional 
Laceration to Prevent Iatrogenic Coronary Artery Obstruction) uses wire-transmitted electrical 
energy to perforate the leaflet of the bioprosthetic valve and lacerate the leaflet prior to placing 
the TAVR valve. This results in a splitting of the leaflet so that when the new valve is placed there 
is no compromise of coronary blood flow due to leaflet obstruction.

Our capabilities
- Available for patients who are at risk for open heart surgery or 
  looking for alternative options to traditional open heart surgery
- Procedure performed in a hybrid lab to deliver high quality 
  outcomes for patients
- Recovery in the hospital usually takes one to two days
- Experienced providers at Rush have performed over 400 TAVR 
  procedures in the last three years

Location
1725 W. Harrison St.
Suite 1159
Chicago, IL 60612
<table>
<thead>
<tr>
<th>Interventional Cardiologists</th>
<th>Thoracic and Cardiac Surgeons</th>
<th>Advanced Practice Providers</th>
<th>Clinic Coordinators</th>
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<tbody>
<tr>
<td>Fareed Moses S. Collado, MD</td>
<td>Chadrick A. Cross, MD</td>
<td>Alicja M. Achimowicz, NP</td>
<td>Rina Akel</td>
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<tr>
<td>Neeraj Jolly, MD</td>
<td>Michael W. Frank, MD</td>
<td>Jennifer White, NP</td>
<td>Victoria Hosch</td>
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<td>Hussam Suradi, MD</td>
<td>Eias Jweied, MD, PhD</td>
<td>Diane Weldon, RN</td>
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<td>Clifford J. Kavinsky, MD, PhD</td>
<td>Henry Sullivan, MD</td>
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<td>Deputy Director, Cardiac</td>
<td>Deborah R. Tabachnick, MD</td>
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<td>Service Line</td>
<td>Antone J. Tatooles, MD</td>
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To refer a patient, call (312) 942-5020

Excellence is just the beginning.