Structural / Valve Imaging

This month-long rotation is intended for 3rd year fellows or late 2nd year fellows. With rapid adoption of transcatheter approaches to the treatment of valve disease, this elective will be helpful and important for anyone who will have an emphasis on cardiac imaging, particularly echocardiography, but also for those who plan a career in interventional cardiology. It may be taken more than once by those who want to develop greater expertise. The rotation combines exposure to and participation in interventional echo procedures, but also the broader evaluation and management of patients with heart valve disease, giving fellows insight into the clinical evaluation of these patients and how that informs interpretation of the imaging. The month will enable fellows to see the important intersection of the clinical presentation with imaging to make treatment decisions and guide procedures.

Expectations:

- Participate in all interventional structural (valve) TEEs in the cath lab / hybrid room (TAVR, mitral clip, paravalvular leak closure, etc.) — this may occur with a cardiology or cardiac anesthesia attending
- Participate in the performance of TEEs in the echo suite on patients specifically being evaluated by the valve service (e.g. pre-procedure assessment for TAVR, paravalvular leak, MR for mitral clip, etc.); ensure that the required high quality images are obtained with 3D images as appropriate
- Come to Valve Clinic at OHO on Monday mornings and participate in the evaluation of new referrals
- See inpatient consults to the valve team
- Attend and participate in Monday morning valve conference and Thursday morning TAVR/ valve conference
- Present at (1) one Thursday noon echo / multimodality conference during the month; and (2) one Monday valve case conference
- Attend weekly TAVR/valve conference and be prepared to present patients seen
- Review CT imaging with radiology when appropriate for clarification of findings and team decision making