



Cardiac Anesthesia & Advanced Perioperative Transesophageal Echocardiography Objectives

Educational Objectives of Clinical Fellowship

Upon completion of training, the fellow is expected to function as a competent specialist in Cardiac Anesthesia & Advanced Perioperative Transesophageal Echocardiography capable of an enhanced practice in these areas of focused competence, within the scope of Anesthesiology and Echocardiography. They must acquire a working knowledge of the theoretical basis of these disciplines, including its foundations in the sciences and research. The practice of Cardiac Anesthesia & Advanced Perioperative Transesophageal Echocardiography also includes, but is not limited to, the responsibility for:

- Patient risk assessment both for elective and emergency procedures, communication of findings as appropriate to patients/family.
- Anesthetic planning and management as appropriate to the case scenario.
- Selection, performance, interpretation, and appropriate communication of findings of different support diagnostic resources in cardiac surgical patients as well as perioperative transesophageal echocardiography.
- Prevention, recognition and management of complications related to the practice of Cardiac Anesthesia & Advanced Perioperative Transesophageal Echocardiography.
- Advancement of the discipline of Cardiac Anesthesia & Advanced Perioperative Transesophageal Echocardiography through scholarship and education.

Evaluation Procedure (frequency, method of evaluation, and report)

1. Daily evaluation by the attending anesthesiologist.
2. Monthly meetings with Immediate Supervisor and bi-yearly meeting with Department Chair.

It is understood that clinical functions will be pursued during this appointment and therefore a valid educational (or independent) license is required.

Weekly assignment schedule split (unevenly) into the below. These are subject to change at the discretion of the fellowship director.

- **Subspecialty days** [2 – 3 days] in specialty anesthesia. Fellows are assigned one-on-one with specialty anesthesia staff.
- **Service days** [2 days] in the operating room performing adult anesthesia lists. Fellows are assigned to an OR list and operate independently while being covered by anesthesia staff operating in another adjacent OR
- **Non-clinical days (NCDs) or academic days [1 day]:** This granted according to the fellow's academic engagement (research, teaching, journal clubs etc.).

Clinical:

1. ICU call shifts

- 1 weekday overnight per month (with the assumption they will be in the OR during the day).
- 1 weekend 24 hour shift per month.

2. Cardiac Anesthesia Call:

- 1 weekend cardiac anesthesia call (BOTH Saturday and Sunday elective hearts)/month.
 - These are not necessarily 24-hour call shifts, but a fellow may stay later (up to 24 hours) for interesting cases (dissections) with a postcall day if the fellow is present after 11pm.

In summary - monthly call expectations:

- 1 weekday night call in ICU
- 1 weekend 24 hour call in ICU
- 1 weekend (Saturday and Sunday) in the OR for weekend cardiac emergency cases.

Educational:

- Weekly TEE reading rounds
- Weekly cardiac surgery rounds
- Monthly cardiac anesthesia rounds
- Other Departmental rounds, i.e. CityWide, Pain, Pediatric, Clinical Improvement, etc.

All fellows are required to teach learners academic day lectures and Simulation.