

**10A NCAC 14C .1705 STAFFING AND STAFF TRAINING**

(a) An applicant that proposes to acquire a heart-lung bypass machine shall demonstrate that it can meet the following staffing requirements:

- (1) at least two cardiovascular surgeons on the medical staff, at least one of whom is certified by the American Board of Thoracic Surgery; and
- (2) one perfusionist certified by the American Board of Cardiovascular Perfusion and licensed by the Perfusionist Advisory Committee of the North Carolina Medical Board per operational heart lung bypass machine and an additional licensed, certified perfusionist on standby.

(b) An applicant that proposes to develop open-heart surgery services shall demonstrate that it can meet the following staffing requirements:

- (1) one cardiovascular surgeon who has been designated to serve as director of the open heart surgery program and who has the following special qualifications:
  - (A) certification by the American Board of Thoracic Surgery; and
  - (B) licensed by the North Carolina Medical Board to practice medicine; and
- (2) at least one open heart surgical team comprised of at least the following professional and technical personnel:
  - (A) one cardiovascular surgeon board certified by the American Board of Thoracic Surgery;
  - (B) one assistant surgeon;
  - (C) one anesthesiologist certified by The American Board of Anesthesiology and trained in open heart surgical procedures;
  - (D) one certified registered nurse anesthetist;
  - (E) one circulating nurse or scrub nurse, with training in open heart surgical procedures;
  - (F) one operating room technician or nurse with training in open heart surgical procedures;
  - (G) one licensed, certified perfusionist;
  - (H) staff for the dedicated cardiac surgical intensive care unit to ensure the availability of 1 registered nurse for every 2 patients during the first 48 hours of post-operative care; and
  - (I) if pediatric open heart surgical procedures are performed, at least one cardiac surgeon trained to perform pediatric open heart surgical procedures.

(c) An applicant that proposes to acquire a heart-lung bypass machine or to develop open-heart surgery services shall demonstrate that it can provide the following:

- (1) staff training for certification in cardiopulmonary resuscitation and advanced cardiac life support; and
- (2) a program of staff education and training that ensures improvements in technique and the training of new personnel.

*History Note: Authority G.S. 131E-177(1); 131E-183(b);  
Eff. January 1, 1987;  
Amended Eff. November 1, 1989;  
Temporary Amendment Eff. September 1, 1993 for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;  
Amended Eff. January 1, 2013; January 4, 1994.*