North West Core Surgical Training

Core Specialty and ST3 Preparation Module Checklists – Cardiothoracic Surgery

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| --- | --- | --- | --- | --- |
|  | **Hospital Site:** | **Post Specialty:** | **Educational Supervisor:** | **Date completed:** |
| **Post 1** |  |  |  |  |
| **Post 2** |  |  |  |  |
| **Post 3** |  |  |  |  |
| **Post 4** |  |  |  |  |
| **Post 5** |  |  |  |  |

Description of the levels (stated as a prefix for each procedure) expected for clinical and technical skills; e.g. 2 Appendicectomy

Each topic within a stage has a competence level ascribed to it in the areas of clinical and technical skills ranging from 1 to 4:

1. **Has observed. At this level the trainee: equates to logbook O or A**
2. **Can do with assistance: equates to logbook STS**
3. **Can do whole but may need assistance: equates to logbook STU**
4. **Competent to do without assistance, including complications: equates to logbook P, or level of CCT**

| **Core Specialty Module**  Cardiothoracic Surgery | | **Type of evidence (WPBA, MRCS, reading, course, logbook)** | **Total No. of Procedures**  **- If applicable** | **No. of Procedures**  **(STS, STU & P)** | **Highest level of competency achieved on WPBA/MCR** |
| --- | --- | --- | --- | --- | --- |
| **Core Specialty** | Assessment and early management of the post-operative cardiothoracic surgical patient including the use of inotropes and vasoactive drugs |  |  |  |  |
| **Core Specialty** | Echocardiography including TOE |  |  |  |  |
| **Core Specialty** | Assessment and planning the investigation of new and follow-up patients in cardiothoracic surgical outpatient clinics |  |  |  |  |
| **Core Specialty** | Specific knowledge relating to the principles of cardiopulmonary bypass and myocardial management and their consequences. Includes an understanding of the relevant equipment and technology |  |  |  |  |
| **Core Specialty** | **3** - Use of defibrillator |  |  |  |  |
| **Core Specialty** | **1** - Sternotomy |  |  |  |  |
| **Core Specialty** | **1 -** Thoracotomy/thoracoscopy |  |  |  |  |
| **Core Specialty** | **2** - Harvesting long saphenous vein |  |  |  |  |

| **ST3 Preparation Module**  Cardiothoracic Surgery | | **Type of evidence (WPBA, MRCS, reading, course, logbook)** | **Total No. of Procedures**  **- If applicable** | **No. of Procedures**  **(STS, STU & P)** | **Highest Level of competency achieved on WPBA/MCR** |
| --- | --- | --- | --- | --- | --- |
| **ST3 Preparation** | To understand the science, technology and practical applications of cardiopulmonary bypass, myocardial protection and circulatory support An in depth working knowledge of the full range of Cardiothoracic conditions |  |  |  |  |
| **ST3 Preparation** | Management of a patient after cardiac or thoracic surgery on the critical care, high dependency and post-operative wards |  |  |  |  |
| **ST3 Preparation** | **4** - Use of defibrillator |  |  |  |  |
| **ST3 Preparation** | **3** - Arterial cannulation |  |  |  |  |
| **ST3 Preparation** | **2** - Central venous cannulation |  |  |  |  |
| **ST3 Preparation** | **3** - Saphenous vein harvest |  |  |  |  |
| **ST3 Preparation** | **2** - Median sternotomy |  |  |  |  |
| **ST3 Preparation** | **3** - Chest aspiration |  |  |  |  |
| **ST3 Preparation** | **3** - Chest drain insertion and management |  |  |  |  |
| **ST3 Preparation** | **2 -** Thoracotomy |  |  |  |  |
| **ST3 Preparation** | **3** - Thoracoscopy port placement |  |  |  |  |