**Direct Observation of Procedural Skills (DOPS)**

**CHEST DRAIN**

All applicants to the Cardiothoracic Surgery Surgical Education and Training Program must complete the following procedure as prescribed below either during a Cardiothoracic Surgical rotation or in a Cardiothoracic Surgical Unit with an accredited Supervisor of Training, receiving satisfactory completion of the DOPS form.

**Trainer/Applicant Guidance Points**

These guidance points are to be used in conjunction with Completion Standard 6 (Performs the technical aspects in line with the guidance notes) as per the [Guidelines for Supervisors/Assessors Completing DOPS](http://www.surgeons.org/media/21034717/cardiothoracic_dops_guidelines.pdf). A mark should not be given for each of these points - they should instead be used to inform the mark to be given for Completion Standard 6.

**Steps to be performed**

1. SET 1 appropriate position of tube placement is established
2. Appropriate sterile technique in preparation of the operative field
3. Appropriate use of local anaesthesia
4. Appropriate operative technique with regards to skin incision and introduction into pleural space
5. Appropriate checks that tube is within pleural space
6. Good technique to anchor tube to skin
7. Appropriate dressings applied

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| --- | --- | --- | --- | --- | --- |
| **Applicant:** | | **Assessor:** | | **Date:** | |
| **Start Time:** | | **End Time:** | | **Duration:** | |
| **Comments by Assessor (including strengths and areas for development)** | | | | | |
| *As the supervising Consultant Cardiothoracic Surgeon I certify that the assessment provided is true and correct based on my personal observations.* | | | **Assessor Signature:** | | |
| **Comments by Applicant:** | | | | | |
| **Global Summary** | | | | | |
| **Level at which completed elements of the PBA were performed on this occasion** | | | | | **Tick as appropriate** |
| Level 0 | Insufficient evidence observed to support a summary judgement | | | |  |
| Level 1 | Unable to perform the procedure or part observed, under supervision | | | |  |
| Level 2 | Able to perform the procedure, or part observed, under supervision | | | |  |
| Level 3 | Able to perform the procedure with minimum supervision (needed occasional help) | | | |  |
| Level 4 | Competent to perform the procedure unsupervised (could deal with complications that arose) | | | |  |

**RATING:**

**U=** Unsatisfactory **N =** Not observed or applicable  **D =**Development required  **S =** Satisfactory standard

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| **Competencies and Definitions** | | | | |  |  |
| **I.** | | **Pre-operative planning and Preparation** | | | **Rating**  **N/D/S** | **Comments** |
|  | | Demonstrates sound knowledge of the indications for chest drain insertion. Has reviewed the appropriate imaging and has chosen the optimal site for drain insertion. | | |  |  |
|  | | Able to discuss pros and cons of drain types and selects the most appropriate type | | |  |  |
| **II.** | |  | | | **Rating**  **N/D/S** | **Comments** |
|  | | Demonstrate knowledge of optimum skin incision/portal/access. Achieves good exposure. Closes and dresses wound appropriately | | |  |  |
| **III.** | | **Intra Operative Technique** | | | **Rating**  **N/D/S** | **Comments** |
|  | | Follows an agreed, logical sequence or protocol for the procedure. | | |  |  |
|  | | Demonstrates good surgical technique and operates efficiently | | |  |  |
|  | | Communicates well with the patient during insertion | | |  |  |
|  | | Successfully drains thorax and ensures appropriate connection to drainage system. Arranges appropriate post-insertion imaging | | |  |  |