### Preoperative form

**Age** _____ yrs (months if <1y)  
**Sex**  □ Male  □ Female  
**Height** _____ cm  
**Weight** _____ kg  
**Gestational age (if <1y)** _____ weeks  
**ASA grade** □ I  □ II  □ III  □ IV  □ V

**Smoking status**  
□ Never smoked  □ Current smoker/ex-smoker (<6 weeks)  
□ Ex-smoker (>6 weeks)  

**Clinical Frailty Score (if>16y)**  
□ 1  □ 2  □ 3  □ 4  □ 5  □ 6  □ 7  □ 8  □ 9

**Co-morbidities** (tick all that apply)  
□ Ischemic heart disease  □ Congestive Heart Failure  
□ Cerebrovascular disease  □ Chronic kidney disease  
□ NIDDM (Diabetes Mellitus)  □ IDDMM (Diabetes Mellitus)

**Did the patient have a test for SARS-CoV-2 in the 72h before surgery?**  
□ Yes - PCR  □ Yes - Lateral flow  □ No  
**Did the patient have any symptoms related to inguinal hernia before surgery?**  
□ Yes  □ No

**If yes,** time since first symptoms (until now) _________ (months)  
**Date of diagnosis** _________ (dd/mm/yyyy)  
**At birth (neonate 28d)**  □ As an infant (up to 1y)  
**Date of decision for surgery** _________ (dd/mm/yyyy)  
**Date of surgery** _________ (dd/mm/yyyy)

**Was the patient able to do daily activities while waiting for surgery (work, school, or family duties)?**  
□ Yes (completely)  □ Some, but not at all  □ No, not at all

**Site of hernia**  
□ Left  □ Right  □ Bilateral

**Size of inguinal hernia (largest one if bilateral)**  
□ Limited to inguinal region  □ Limited to scrotum  
□ Extend to mid-thigh  □ Extend to knee or beyond

### Intraoperative form

**Indication for surgery**  
□ Asymptomatic  □ Symptomatic  
□ Incarcerated  □ Obstruction  
□ Strangulated

**Urgency of surgery**  
□ Elective  □ Emergency

**If emergency, was the patient already on the elective waiting list for surgery?**  
□ Yes  □ No

**Mode of Anaesthesia (main one)**  
□ Local  □ Sedation (e.g., midazolam)  
□ General Inhaled  □ IV  
□ Regional (spine-related / regional nerve block)

**If general inhaled, what was the agent used?**  
□ Sevoflurane  □ Halothane  
□ Desflurane  □ N2O  □ Isoflurane

**Was the anaesthesia given by the professional who repaired the hernia?**  
□ Yes  □ No (eg anaesthetist / anaesthetic nurse / technician)

**WHO checklist?**  
□ Yes  □ No  
**Prophylactic antibiotic?**  
□ Yes  □ No

**Primary Operator**  
□ Senior surgeon (Cons. or Attending)  
□ Trainee surgeon  □ Non-surgeon  
**If senior surgeon, what was the speciality?**  
□ General surgeon  □ Urology  
□ Paediatric surgeon  □ Other

**If non-surgeon:**  
□ Medical practitioners  □ Non-medical practitioners

**How many inguinal hernias were performed by the primary surgeon prior to this?**  
□ 0-50  □ 51-100  □ 101-200  □ ≥201

**Operative approach**  
□ Open  □ Laparoscopic  
□ Laparoscopic converted to open  
□ Robotic  □ Robotic converted to open

**Size of inguinal hernia**  
□ ≤ 1.5cm  □ ≤ 3cm  □ >3cm  
□ Not known

**Bowel resection**  
□ Yes  □ No  
**Mesh used?**  
□ Yes  □ No

**Type of hernia repair:**  
□ If mesh used:  
□ Trephine  □ Plug and patch  
□ MIS: □ TAPP  □ TEP

**If no mesh:**  
□ Primary herniotomy  □ Desarda  □ Bassini  □ Shouldice  
□ Other

**If mesh used:**  
□ Country of manufacture: ____________

□ Not known  
**Type of mesh:**  
□ Permanent synthetic  □ Composite  
□ Absorbable synthetic  □ Biological

**Was hernia fixed with excess mesh which was re-sterilised and re-used?**  
□ Yes  □ No

**Suture used to fix the mesh to inguinal ligament?**  
□ Absorbable  □ Non-absorbable  
□ Not fixed  □ Glue  □ Tackers

**Operative contamination**  
□ Clean  □ Clean-Contaminated  
□ Contaminated  □ Dirty

**Were reusable gowns used in this procedure?**  
□ Yes - All scrubbed staff  □ Yes - Some scrubbed staff  □ No

**Were reusable drapes used in this procedure?**  
□ Yes  □ No

**Was recycling of waste performed?**  
□ Yes (paper)  □ Yes (plastic)  
□ Yes (glass)  □ No
Please see the data dictionary in the Appendix for detailed definitions.

Download from: https://bit.ly/3WdJLQg

* Please find some helpful definitions below:

**Size of inguinal hernia:** refers to the size of the defect, 1 finger breath being equivalent to 1.5cm defect

**TIPP:** transinguinal preperitoneal technique

**TREPP:** transrectus sheath preperitoneal technique

**MIS:** Minimally invasive surgery

**TAPP:** transabdominal preperitoneal technique

**TEP:** totally extraperitoneal technique

**Absorbable sutures:** vicryl, polysorb, dexon, monocryl, biosyn, caprosyn, PDS, Maxon

**Non-absorbable sutures:** prolene, nylon