

SITE SURVEY

Hospital-level services	
What is your hospital type?	Tertiary / District (Rural) / District (Non-rural)
How is your hospital funded?	Public / Private / Mixed
Total number of inpatient beds	(Number)
Do you have Level 2 (HDU) or Level 3 (ITU) facilities?	Yes (Number of beds) / No
Do you have a specialised HPB team at your centre	Yes / No <u>If yes:</u> (i) Are there on-call services from them: Every day 24 hour / Everyday, daytime 0800 - 1700 / Weekdays, 24 hour / Weekdays, daytime 0800 - 1700 (ii) Do they have a dedicated pathway for management of bile duct injury: Yes / No <u>If no</u> , are there on-call surgeons specialised in HPB: Within the same city / In other city / In the region / None
Do you have access to minimally invasive surgical equipment?	Yes (Laparoscopic / Robotic) / No <u>If yes</u> , do you routinely take intraoperative images? Yes (Video / Photo) / No
Cholecystectomy services	
What is the approximate total number of cholecystectomies performed each year?	(Number)
What is the number of consultants/ attending surgeons who perform cholecystectomies each year?	(Number)
Which specialist consultants/ attending surgeons perform cholecystectomies each year? (select <u>all</u> that apply)	General / Upper GI / HPB / Colorectal / Breast / Other
What type of services for cholecystectomy services do you provide? (select <u>all</u> that apply)	Elective / Emergency <u>If emergency:</u> <ul style="list-style-type: none"> What is the approximate total number performed each year? (Number) Do you have dedicated theatres for these services? Yes (Everyday / Once a week / Once every 2 week / More than once every 2 weeks) / No
Where does cholecystectomy get performed on your site? (select <u>all</u> that apply)	Day unit / Elective theatre / Emergency theatre
Have you got access to intraoperative cholangiogram?	Yes - routinely / Yes - selectively / No <u>if yes - selectively or no:</u> What is the supply for these? Good supply / Limited supply / None
Number of consultants / attendings who perform <u>laparoscopic</u> cholecystectomy	(Number)
Do you routinely follow-up after cholecystostomy?	Yes - routinely / Yes - selectively / No

Diagnostic / treatment around gallbladders	
Types of diagnostic imaging available (select <u>all</u> that apply)	Ultrasound (On-site / Off-site) / Computer Tomography (On-site / Off-site) / MRCP (On-site / Off-site) / EUS (On-site / Off-site) / HIDA (On-site / Off-site)
Does your hospital have access to cholecystostomy for gallbladder drainage?	Yes / No <u>If yes</u> , are there on-call services from them: Every day 24 hour / Everyday, daytime 0800 - 1700 / Weekdays, 24 hour / Weekdays, daytime 0800 - 1700 <u>If no</u> , are there on-call surgeons specialised in HPB: Within the same city / In other city / In the region / None
Is there a dedicated ERCP list?	Yes (Everyday / Once a week / Once every 2 week / More than once every 2 weeks) / No
Which of the following services do you have?	Intraoperative cholangiogram / Laparoscopic ultrasound / ICG For each: Routine use / Selective use with good supply / Selective use with limited supply
Do you send gallbladders for histological examination after surgery?	Yes - routinely / Yes - selectively / Not sent for histology / No access to histology
Training in cholecystectomy	
Are there trainees in the department who perform gallbladder surgery?	Yes / No <u>If yes</u> : (i) How many? (Number) (ii) What is their grade? Post-training fellow / Trainee / Non-trainees or doctors
Are there facilities for simulations training for cholecystectomies?	Yes (Local hospital / Regional / National) / No <u>If yes to either</u> , what are the types of simulation training: Box trainer / IT simulation model / Animal model
Are there specific structured educational programmes or coaching for bile duct injury training?	Yes (Local hospital / Regional / National) / No
Green surgery for laparoscopic cholecystectomy	
Are reusable laparoscopic ports used?	Yes (Always / Sometimes) / No / Not available
Are reusable surgical instruments used?	Yes / No / Not available
Are reusable drapes used?	Yes (Always / Sometimes) / No / Not available
Are reusable gowns used?	Yes (Always / Sometimes) / No / Not available
Are reusable scrub caps provided by your hospital?	Yes – routinely / Yes - if requested / No / Not available
Are single-use instruments recycled?	Yes / No / Not available
Are “clean” paper and plastic waste recycled?	Yes / No
Is general anaesthesia given through IV rather than anaesthetic gases for environmental reasons?	Yes – routinely / Yes – occasionally / No / Not available