Appendix – Patient Questionnaire

	Baselin	e Form
1.	Date of admission	DD-MM-YYYY HH:MM
	Time should be entered in the 24-hour clock format.	
2.	Date of discharge	DD-MM-YYYY HH:MM
	Time should be entered in the 24-hour clock format.	
3.	Procedure	(Procedure)
	Please select the most appropriate procedure from the list of procedures within Appendix – Included Procedures.	
	The drop-down menu includes an extensive list of procedures. Please choose the most suitable code for the main procedure that the patient underwent. For example, if a patient underwent appendicectomy and laparoscopic washout, please record this as appendicectomy (the main procedure performed).	
	If you are collecting data on paper forms, please write down the full procedure name on in the space provided on the form. You can later select the most appropriate code when you are entering the data on to Redcap.	
4.	Age in years Please mention age of patient at the time of	(Age)
5.	Surgery. Gender	a. Male
		b. Female
6.	Weight in kg Please mention weight of patient at the time of	(Weight)
_	surgery.	ar: 10
7.	Height in cm	(Height)
	Please mention height of patient at the time of surgery.	
8.	American Society of Anesthesiologists (ASA) classification	a. Grade 1: Normal healthy person b. Grade 2: Mild systemic disease (e.g., controlled diabetes, hypertension) Grade 3: Source systemic disease not
	Full definitions are available at: https://www.asahq.org/standards-	c. Grade 3: Severe systemic disease not incapacitating (e.g., moderate chronic
	andguidelines/asa-physical-status-	obstructive pulmonary disease, malignancy,
	classification-system	diabetes)

		d. e. f.	Grade 4: Incapacitating systemic disease that is a constant threat to life (e.g., pre-eclampsia heavy bleeding) Grade 5: Moribund patient, not expected to survive with or without operation (e.g., major trauma) Not recorded
0 Doog the notiont	guffen from HIV/AIDC2		
9. Does the patient	suffer from HIV/AIDS?	a.	Yes, on antiretroviral therapy
		b.	Yes, not on antiretroviral therapy No
		c. d.	Unknown
	rithin these 12 months, t CD4 count (cells per ml)		fill in your answer) or select "Unknown"
Please state the m	nost recent preoperative		
	have diabetes mellitus?	a.	Yes, diet-controlled
F		b.	Yes, medication (non-insulin) controlled
		c.	Yes, insulin controlled
		d.	No, patient does not have diabetes
	taking oral or intravenous	a.	Yes
steroids preoper	atively?	b.	No
	ude steroids administered inhalers, creams).		
and the second of the second o	yes if the patient took ys or more in the 30 days		
12. Was the patient	taking	a.	Yes
immunosuppress	sants preoperatively?	b.	No
These can include	e drugs like methotrexate,		
	cophenolate mofetil, anti-		
TNF alpha antibo			
Please only mark	yes if the patient took		
	unts for 10 days or more in		
the 30 days prior			
-	receiving chemotherapy	a.	Yes
for cancer preop	eratively?	b.	No
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	le drugs like capecitabine,		
	ouracil, etc., and not ng drugs, i.e., tamoxifen,		
	is uruss, i.e., iumonijen,		
anastrozole or go	serelin, etc.		
anastrozole or go			
anastrozole or go Please only mark	yes if the patient received		
anastrozole or go Please only mark chemotherapy in i	yes if the patient received the 30 days prior to surgery.	0	Navar emokad
anastrozole or go Please only mark chemotherapy in a	yes if the patient received the 30 days prior to surgery. tient's smoking status at	a. h	Never smoked Ex-smoker (stopped in the 6 weeks prior to
anastrozole or go Please only mark chemotherapy in i	yes if the patient received the 30 days prior to surgery. tient's smoking status at	a. b.	Ex-smoker (stopped in the 6 weeks prior to
anastrozole or go Please only mark chemotherapy in a	yes if the patient received the 30 days prior to surgery. tient's smoking status at		

	d. Current smoker (at the time of surgery)
15. Was the patient suffering from	a. Yes, diagnosed within 9 months of surgery
tuberculosis?	b. Yes, diagnosed ≥9 months of surgery
	c. No, never diagnosed with tuberculosis
16. Please select how this patient was identified	 Theatre logbook review
for inclusion	 From planned theatres lists or diaries (i.e.,
	before the surgery had occurred)
Select all that apply.	 Handover lists
	 Memory recall from staff
	 Review of ward lists

	Preopera	tive Forr	n
1.	Urgency of surgery? An elective operation is one where it is planned prior to the patient's admission to hospital. An emergency surgery is defined as any surgery during the same admission as diagnosis. Emergency surgeries may take place on the day of hospital admission or on any other day during hospital admission,	a. b.	Elective Emergency
2.	Was the surgery performed as day-case surgery? A day-case surgery is defined as surgery performed with length of stay <24 hours (i.e., without any overnight hospital stay; surgical day care procedures). If a day-case surgery was planned, but the patient required hospital stay ≥24 hours, select "No".	a. b.	Yes No
3.	Indication for surgery? Benign disease: Any disease/condition that is not related to trauma, malignancy, or obstetrics. These may include benign neoplastic or non-neoplastic conditions. Malignancy: Suspected or confirmed malignancies. Trauma: Any cause of injury, including burns. Obstetric: Procedures related to childbirth, i.e., cesarean section, etc.	a. b. c. d.	Benign disease Malignancy Trauma Obstetric
	3a. If you selected malignancy, was this cancer surgery planned to be curative, palliative, or diagnostic? Curative: To remove the cancer completely, or to enable definitive treatment to cure the patient. If a patient undergoes surgery with the aim of removing the cancer and cure but this proves to not be possible, they should still be recorded as having had curative intent. Palliative: To relieve symptoms related to the cancer, knowing that that the surgery will not cure the patient. A biopsy for diagnosis may be sent in a curative or palliative procedure. "Surgery for	a. b. c.	Curative Palliative Surgery for diagnostic purpose only

	diagnostic purpose only" should only be selected if the intent is neither curative nor palliative.		
4.	Patient preparation measures?	0	Pre-op bath/ shower (full body)
		0	Antimicrobial soap used
	Select all that apply.	0	Plain soap used
		0	Others:
5.	Was hair removed?	a.	Yes, razor used
		b.	Yes, clippers used
		c.	No
	5a. If yes, where was hair removed?	a.	Home
	• ,	b.	Ward
		c.	Theatre

	Intraoperative form		
1.	Which of the following skin preparation	0	Chlorhex-alc
	agents were used for surgical skin	0	Iodine-alc
	preparation?	0	Chlorhex-aq
		0	Iodine-aq
	Select all that apply.		***************************************
	1a. Skin allowed to fully dry before	a.	Yes
	incision?	b.	No
2.	Surgical hand preparation?	0	Alcohol-based hand rub
		0	Antimicrobial soap + water
	Select all that apply.	0	Plain soap + water
3.	Headcount at start of operation	(Headc	ount)
	Please document number of individuals		
	(excluding the patient) in the operating room		
	at the time of knife-to-skin.		
4.	Headcount at end of operation	(Headc	ount)
	Please document number of individuals		
	(excluding the patient) in the operating room		
	at the time of wound closure.		
5.	Was the surgical site marked?	a.	Yes
		b.	No
6.	Was a time-out done before starting the	a.	Yes
	surgery?	b.	No
	Time-out requires confirmation of patient and		
	surgeon identity, site, procedure, and consent		
	status. Further details can be reviewed in the		
	WHO Safe Surgery Checklist		
	(https://www.who.int/teams/integrated-		
	health-services/patient-safety/research/safe-		
-	surgery/tool-and-resources)		DI I
7.	Operative approach	a.	Planned open surgery
	3.4. 17	b.	Planned and performed as minimally invasive
	Minimally invasive surgeries use specific		surgery
	instruments designed to reduce the	c.	Minimally invasive surgery converted to open
	invasiveness of the procedure. Examples may	d.	Hybrid surgery (i.e., laparoscopic abdomen,
	include completely laparoscopic,		open chest)
	thoracoscopic, arthroscopic procedures, etc.		
	"Minimally imagine manadyne comparted to		
	"Minimally invasive procedure converted to		
	open" includes any procedure that was		
	initially planned as a minimally invasive		
	procedure but was switched to an open		
	surgery intraoperatively.		
	"Hybrid" option should be selected when a		
	minimally invasive approach is used for one		
	body compartment (i.e., thorax) while an open		
	approach is used for another body		
	compartment (i.e., abdomen).		
8.	Anesthesia?	0	Local
0.	incomesia.	0	Nerve block
	Select all that apply.	0	Spinal
	scies an imi appry.	U	~Piiiui

	EpiduralGeneral
9. Was an epidural inserted during surgery	a. Yes
for postoperative pain relief?	b. No
Use of a single shot of spinal anesthetic would not count as an epidural. Only answer "Yes" if an epidural catheter was inserted during surgery (even if inserted for a short time).	
10. Surgical wound class?	a. Clean: Sterile tissue with no resident bacteria
Would classifications are usually measured by operating surgeons and documented in records.	 b. Clean-contaminated: Controlled entry to tissue with resident bacteria c. Contaminated: Uncontrolled entry to tissue with bacteria d. Dirty/ infected: Heavy contamination (e.g.,
Clean-contaminated: An incision through the respiratory, alimentary or genitourinary tract under controlled conditions with no direct contamination encountered.	soil in wind) or infection already established
Contaminated: An operation where there is major break in sterile technique or gross spillage from the gastrointestinal tract, or an incision where acute non-purulent inflammation is encountered or where procedures involve traumatic wounds that have been open for between 12 hours and 24 hours.	
Dirty: An incision undertaken where viscera are perforated, where acute inflammation or necrosis is encountered, or where there is delayed operation on traumatic wounds.	
11. Antibiotic used?	a. Yes
This may include preoperative, intraoperative, and/or postoperative antibiotic use.	b. No
11a. If yes, used for treatment before surgery (antibiotics within 24 hours of surgery)	a. Yes, please mention total days b. No
If antibiotics are used within 24 hours prior to surgery, please select "Yes" and document duration of preoperative antibiotic use in days.	
11b. If yes, used for prophylaxis at the point of incision (i.e., standard hospital prophylaxis)	a. Yes b. No
11c. If yes, continued at the end of surgery (i.e., extended prophylaxis after surgery)	a. Yes, please mention total days b. No
If antibiotics are continued postoperatively, please select "Yes" and document duration of postoperative antibiotics used.	

12. Admission to procedure time in hours Please mention time duration from hospital admission till start of surgery (knife-to-skin).	(Preoperative hospital length of stay in hours)
13. Time of operation start (time of knife-to-skin)? Time should be entered in the 24-hour clock format.	DD-MM-YYYY HH:MM
14. Time of operation end (when wound closed)? Time should be entered in the 24-hour clock format.	DD-MM-YYYY HH:MM
15. Length of operation (knife-to-skin until wound closure)?	(Operation time in minutes)
16. Was a World Health Organization (or equivalent) surgical safety checklist used?	a. Yesb. No, but available in this centerc. No, not available in this center

	Postoperative form		
1. Did the patient require in		a.	Yes
(ICU) admission?		b.	No
1a. Duration of ICU stay	(hours)	(Duratio	on of ICU stay in hours)
2. Length of hospital stay (d	lays)	(Duratio	on of hospital stay in days)
3. Was surgical site infectio days postoperatively?		a. b.	Yes No
2a. How was the SSI dete	ected?	a. b. c. d.	Inpatient (during the index hospital admission for surgery) At readmission At post-discharge outpatient clinic follow-up At post-discharge telephonic follow-up
2b. Date of onset of SSI?			M-YYYY)
Please mention date when experiencing symptoms rel this date is unknown, ment diagnosis of SSI.	lated to SSI. In case		
2c. Criteria for SSI Select all that apply.		0 0 0 0 0 0 0	Abscess or other evidence of infection found during a re-operation, by radiology or histopathology examination Antibiotics prescribed by GP for SSI (patient reported only) Aspirated fluid/swab of surgical site yields organisms and pus cells are present Clinician's diagnosis Fever (temperature 38°C or more) Heat Incision spontaneously dehisces or opened by surgeon/dehisces Localized pain or tenderness Localized swelling Purulent drainage
2d. SSI Type?		a. b.	Redness Superficial incisional Deep incisional
2e. If organ/space was de of organ/space SSI? Select all that apply.	tected, specific site	c. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Organ/ space Arterial or venous Bone (osteomyelitis) Breast abscess/mastitis Endocardium Gastrointestinal tract Intra- abdominal Intracranial Joint or bursa Mediastinum Meningitis Myocardium or pericardium Vaginal cuff
2f. How was SSI treated?		0 0	Vertebral disc space Operative drainage Wound opened outside of operating theatre
Select all that apply.		0	Antibiotics
2g. Was the patient read	mitted due to	a.	Yes
surgical site infection?		b.	No

	2h. If yes, date of SSI-related readmission	(DD-MM-YYYY)		
	2i. Was a wound swab sent for	a. Yes		
	microbiological assessment?	b. No		
	2j. What bacteria, if any, were identified?	(Drop down list)		
	Please select causative organism(s) isolated from patient specimens.			
	2k. Sensitivity profile of organism(s)	Organism (n):		
	cultured towards the antimicrobial prophylaxis used	a. Sensitive to antibioticb. Resistant to antibioticc. Sensitivity not tested		
	This question refers to sensitivity and resistance of the causative organism(s) to the antibiotic used for prophylaxis.	·		
4.	Was any other hospital-acquired infection	 Yes, urinary tract infection 		
	seen within 30 days postoperatively?	 Yes, pneumonia 		
		 Yes, central venous line infection 		
	Hospital-acquired infections can also be	 Yes, peripheral line infection 		
	referred to as nosocomial infections.	Yes, other, please specify		
		o No		
	Select all that apply.	(DD MM VVVVV)		
	4a. Date of onset of other hospital-acquired infection?	(DD-MM-YYYY)		
5.	Mortality within 30 days of surgery	a. Yes		
J.	Wortanty within 30 days of surgery	b. No		
	4a. Date of mortality?	(DD-MM-YYYY)		
6.	Was there any unexpected reintervention	a. Yes, surgical		
	within 30 days postoperatively?	b. Yes, endoscopic		
		c. Yes, interventional radiology		
	In a case where a plan is made at the time of	d. No		
	the original operation for a "relook" surgery,			
	this is not an "unexpected" reintervention.			
	5a. Date of unexpected reintervention?	(DD-MM-YYYY)		
7.	How was 30-day follow-up completed?	o Follow-up during the inpatient hospital stay		
		Follow-up during hospital readmissions		
	Please select all that apply	Post-discharge outpatient clinic follow-up Post-discharge telephonic follow-up		
		 Post-discharge telephonic follow-up Discharged before 30 days and not contacted 		
		again		
	6a. Was telephone follow-up done at your	o Yes, at day 3		
	hospital?	• Yes, at day 15		
	* ***	o Yes, at day 30		
	Please select all that apply	o No		
8.	Should this record be included in the	a. Include, this record is a valid record for a		
	analysis?	patient who fulfils the inclusion criteria		
		b. Exclude – patient does not fulfill inclusion		
		criteria		
		c. Exclude – patient did not undergo surgery		
		(operation cancelled)		
		d. Exclude – duplicate recorde. Exclude – patient withdrew consent		
		e. Exclude – patient withdrew consent f. Exclude – test/practice record or record		
		created by error		