

## GlobalSurg 3: Data dictionary

Please use with the paper data collection form to aid accurate data collection

<b>Patient characteristics</b>	Patient ID	Local hospital field
	Primary method of patient identification	Multidisciplinary team meeting / tumour board list, outpatient clinic list, theatre logbook, planned operating list, ward/handover list, staff memory
	Age	Completed years
	Gender	Male, Female, Unknown
	Body mass index (weight (kg) / height <sup>2</sup> (metres))	Underweight (BMI <18.5); Normal weight (BMI 18.5 to 24.9); Overweight (BMI 25 to 30); Obese (BMI >30)
	Unintentional weight loss ( ≥10% over 6 months, down a clothes size or 2 belt buckles)	No, Yes, Unknown
	Performance status	0, 1, 2, 3, 4, Unknown
	ASA score	I, II, III, IV, V, Unknown
	Smoking status	No-never, Stopped >6 weeks, Yes-current smoker, Unknown
	Diabetes	No; Diet controlled; Medication (non-insulin); Insulin; Unknown
HIV tested	No, Yes-Negative, Yes-positive	
<b>Pathway</b>	Presentation	Symptomatic, screening, detected incidentally, unknown
	Date of first consult for cancer symptoms (may be estimated)	DD/MM/YYYY
	Who did the patient first consult for cancer symptoms?	Local clinic: family doctor / general practitioner; Local clinic: nurse; Local clinic: specialist doctor; Hospital: out-patient clinic; Hospital: in-patient; Other/non-medical/traditional healer; Unknown
	Distance from home to hospital	< 10 km, 10-20 km, 20-50 km, 50-100 km, >100 km, Unknown
<b>Disease characteristics</b>	Location	Breast, Gastric, Colorectal
	Cancer specific information	Fixed fields for each cancer (see specific cancer variables)
	Diagnosis (what tests were performed pre-operatively)	Fixed fields for each cancer (see specific cancer variables)
	Clinical stage	TNM classification / Essential TNM Classification
	Neoadjuvant therapy	Fixed fields for each cancer (see specific cancer variables)
<b>Operative characteristics</b>	Date of admission	DD/MM/YY, 24 hour clock
	Date and time of operation	DD/MM/YY, 24 hour clock
	Urgency of operation	Elective, Emergency
	Surgical intent (at completion of procedure)	Palliative, Curative
	Was a surgical safety checklist used?	No-not available in this hospital, No-but available in this hospital, Yes, Unknown
	Primary operation performed	Fixed fields for each cancer (see specific cancer variables)
<b>Pathology</b>	Most valid basis for cancer diagnosis	Clinical only; Imaging; Exploratory surgery/endoscopy without histology; Tumour specific markers; Cytology; Histology of metastasis (secondary deposit); Histology of primary
	Histology	Fixed fields for each cancer (see specific cancer variables)
	TNM (pathology)	
	Number of lymph nodes involved	
	Total number of lymph nodes in specimen	
	Histological grade	1, 2, 3, (4)
	Lymphatic or vascular invasion	No, Yes, Unknown
	Resection margins	Fixed fields for each cancer (see specific cancer variables)
<b>Outcomes &amp; adjuvant treatment</b>	Length of postoperative stay	Continuous number of days
	How was 30-day follow-up status achieved?	Still an inpatient; Clinic review; Telephone review; Community/home review; Discharged before 30 days and not contacted again
	30-day mortality	Alive, Dead (date of death), Unknown
	30-day cancer-specific complications	Fixed fields for each cancer (see specific cancer variables)
	30-day minor complication (CD I)	No, Yes, Unknown
	30-day minor complication (CD II)	No, Yes, Unknown
	30-day unexpected re-intervention (CD III)	No, Yes-NOT under general anaesthetic, Yes-under anaesthetic, Unknown
	30-day unplanned critical care admission (CD IV)	No, Yes-single organ failure, Yes-multi organ failure, Unknown
	30-day unplanned hospital readmission	No, Yes, Unknown
	Surgical site infection	See paper data collection form for criteria
	Post-operative haemorrhage	See paper data collection form for criteria
Planned adjuvant treatment	Fixed fields for each cancer (see specific cancer variables)	