

General File Guidance for Import of data to BAUS web-based datasets

The file should be comma separated text, consisting of 8 columns containing the following fields, followed by columns for each dataset question:

- NHS Number (10 digits, enclosed in double quotes)
- User ID for surgeon (can be found in the Sys Admin -> Users screen)
- Reference date (MUST be in dd/mm/yyyy format) – **(operation date or follow-up date in the case of complex operations; referral date for newly diagnosed cancers)**
- Centre ID (can be found in Sys Admin -> Centres & Groups screen)
- Patient Hospital number
- Sex (M/F or 1 for male, 2 for female)
- Date of birth (dd/mm/yyyy)
- Postcode

Each field should then follow in sequential order. All fields should be formatted as follows:

- Text (including M/F), Yes/No and Date types should be enclosed by double quotes
- Dates MUST be dd/mm/yyyy
- There must be no line breaks/carriage returns (replace them with spaces) in text, and double quotes in the text must be avoided
- Multiple Choice 1 answer fields should be the option number only, unless they are set to 'import as text' in which case they need to contain **EXACTLY** the option text (this is case sensitive)
- Multiple Choice check all fields should have the option numbers listed, separated by semicolons with no spaces and enclosed by double quotes
- Yes/ No fields. If the field is numeric then the system will evaluate 1 to Yes and any other number to No. If the field isn't numeric then it will just take the text value, so 'Yes' or 'No' (note case) are also acceptable

You are advised to enclose all fields which contain anything but numbers in double quotes to ensure they import properly.

You may also add date of death and cause of death (1=Cancer, 2=Non-Cancer, 3=Not Known) as additional columns at the end of the file.

If an audit is found with the same dataset, patient, reference date, user ID and centre ID, it will be updated rather than a new record inserted.

In addition, there should be no blank lines and the first line of the file should be the first line of data - don't put headings in it.

Note that failure to follow these instructions precisely may result in your data being imported in an unexpected way!

To test your import, we suggest searching for one or more of the patients you have imported, or looking under Audits->Others' Audits

BAUS Cancer Registry – Newly diagnosed tumours

Question number /Field Name	Data type	Data Allowed
Q1 Date of Referral	Long date	dd/mm/yyyy
Q2 Source of Referral	Number - Multiple choice – 1 answer	1 = GP; 2 = Urologist; 3 = Other
Q3 Other source specify	Number - Multiple choice – 1 answer	1=Consultant Physicican; 2 = Consultant Surgeon; 3= A & E; 4 = Care of Elderly; 5= Gynaecology; 6= Discovered during Urological Follow-up; 7 = Oncologist; 8 = Haematology; 9 = Radiology; 10 = Incidental Finding; 11 = Other
Q4 Priority of Initial Referral	Number - Multiple choice – 1 answer	1= Referral under 2 week rule; 2 = Emergency; 3 = Urgent; 4 = Routine; 5 = Priority unknown
Q5 Date of First Consultation	Long date	dd/mm/yyyy
Q6 Date of Diagnosis	Long date	dd/mm/yyyy
Q7 Delay to Diagnosis	Number - Multiple choice – 1 answer	1 = None; 2 = Patient delay; 3 = Radiological delay; 4 = Repeat Biopsies; 5 = Clinical Delay; 6 = Administrative delay; 7 = DNA – unspecified reason; 8 = Other (specify)
Q8 Other specify	Short Text (up to 255 characters)	Free Text
Q9 Histological confirmation of diagnosis?	Yes / No	
Q10 Other diagnosis basis	Number -Multiple choice – check all that apply	1 = Radiology; 2 = Cytology; 3 = Tumour marker; 4 = Clinical; 5 = Other information
Q11 Other information specify	Short Text (up to 255 characters)	Free Text
Q12 Organ	Number - Multiple choice – 1 answer	1 = Kidney;2 = Renal Pelvis; 3 = Bladder; 4 = Prostate; 5 = Testis; 6 = Penis; 7 = Other urological; 8 = Urethra; 9 = Prostatic urethra; 10 = Ureter; 11 = Other non-urological
Q13 Other organ specify	Short Text (up to 255 characters)	Free Text
Q14 Side	Number - Multiple choice – 1 answer	1 = Left; 2 = Right; 3 = Not Available
Q15 Histology	Number - Multiple choice – 1 answer	1 = Adenocarcinoma; 2 = TCC; 3 = SCC; 4 = Mixed TCC/SCC; 5 = Seminoma; 6 = Teratoma ; 7 = Mixed Seminoma / Teratoma; 8 = Other; 9 = Conventional Renal Cell Ca; 10 = High Grade PIN
Q16 Other Histology specify	Short Text (up to 255 characters)	Free Text

Q17 Pathology reference number	Short Text (up to 255 characters)	Free Text
Q18 Histological differentiation	Number - Multiple choice – 1 answer	1 = Well; 2 = Moderate; 3 = Poor
Q19 Clinical T stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X ; 0; a; is; is pu; is pd ; 1; 1a ; 1b ; 1c ; 2; 2a; 2b; 2c ; 3 ; 3a ; 3b ; 3c ; 4; 4a; 4b
Q20 Clinical N stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X ; 0; 1; 2; 3
Q21 Clinical M stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X ; 0; 1; 1a; 1b; 1c; 2; 3
Q22 PSA at diagnosis	Number	Eg 100.1
Q23 Gleason Score 1	Number	Eg 3
Q24 Gleason Score 2	Number	Eg 3
Q25 S category	Number - Multiple choice – 1 answer	1 = S0; 2 = S1; 3 = S2; 4=S3
Q26 Initial Treatment Intention	Number - Multiple choice – 1 answer	1 = Curative; 2 = Palliative; 3 = No active anti-cancer treatment
Q27 Initial Treatment Type	Number - Multiple choice – check all that apply	1 = Endoscopic resection 2 = Endoscopic resection + 1 shot intravesical chemotherapy 3 = Radical ablative surgery 4 = Organ conserving surgery 5 = Other surgery 6 = Laparoscopic surgery 7 = Radiation therapy 8 = Systemic chemotherapy 9 = Intra=vesical chemotherapy (course) 10 = Hormone therapy 11 = Systemic immunotherapy 12 = Intra=vesical immunotherapy (course) 13 = Brachytherapy 14 = Cystoscopy 15 = Biopsy and/or USS guided biopsy 16 = Palliative care 17 = Surveillance/active monitoring 18 = Watchful waiting 19 = Referral to another centre 20 = Other treatment

Q28 Other surgery specify	Short Text (up to 255 characters)	Free Text
Q29 Laparoscopic surgery specify	Short Text (up to 255 characters)	Free Text
Q30 Other Treatment specify	Short Text (up to 255 characters)	Free Text
Q31 Pathological T stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X ; 0; a; is; is pu; is pd ; 1; 1a ; 1b ; 1c ; 2; 2a; 2b; 2c ; 3 ; 3a ; 3b ; 3c ; 4; 4a; 4b
Q32 Pathological N stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X ; 0; 1; 2; 3
Q33 Pathological M stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X ; 0; 1; 1a; 1b; 1c; 2; 3
Q34 Date of Definitive Treatment	Long date	dd/mm/yyyy
Q35 Clinical Trial Status	Number - Multiple choice – 1 answer	1 = Patient eligible, consented to and entered trial; 2 = Patient eligible for trial but declined entry; 3 = Patient ineligible for trial; 4 = Patient not considered for trial; 5 = clinical trial status unknown
Q36 Patient discussed at MDT meeting and management plan formed	Number - Multiple choice – 1 answer	1 = Yes; 2 = No; 3 = Not Known
Q37 Patient Record Complete	Yes/No	

Prostatectomy Operation Data Collection Form

Question number /Field Name	Data type	Data Allowed
Q1 Presentation	Number - Multiple choice – 1 answer	1 = Via Screening or Case Finding; 2 = LUTS; 3 = Other
Q2 Presentation - other	Short Text (up to 255 characters)	Free Text
Q3 Previous TURP	Yes / No	
Q4 Radical prostatectomy for salvage surgery?	Yes / No	
Q5 Clinical T stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1; 1a; 1b; 1c; 2; 2a; 2b; 2c; 3; 3a; 3b; 4
Q6 Clinical N stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1
Q7 Clinical M stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1a; 1b; 1c
Q8 Pre-operative PSA	Number	Eg 100.1
Q9 Biopsy Gleason Score 1	Number	Eg 3
Q10 Biopsy Gleason Score 2	Number	Eg 3
Q11 Pre-operative Potency	Number - Multiple choice – 1 answer	1 = Impotent; 2 = Partially Potent; 3 = Fully Potent
Q12 Pre-operative Continence	Number - Multiple choice – 1 answer	1 = Complete; 2 = Minor Stress Leakage; 3 = 1 Pad / day; 4 = >1 Pad / day; 5 = Appliance
Q13 Date of Operation	Long date	dd/mm/yyyy
Q14 Grade of main operating Surgeon	Number - Multiple choice – 1 answer	1 = Consultant; 2 = SpR; 3 = Other
Q15 Supervised training operation	Yes / No	
Q16 ASA Grade	Number - Multiple choice – 1 answer	1 = Grade 1; 2 = Grade 2; 3 = Grade 3; 4 = Grade 4; 5 = Grade 5
Q17 Procedure – Nerve sparing	Number - Multiple choice – 1 answer	1 = Bilateral; 2 = Unilateral; 3 = None
Q18 Procedure – Approach	Number - Multiple choice – 1 answer	1 = Retropubic; 2 = Perineal; 3 = Other
Q19 da Vinci (robot)	Yes / No	
Q20 Laparoscopic	Yes / No	
Q21 Converted	Yes / No	
Q22 Conversion reason	Short Text (up to 255 characters)	Free Text
Q23 Lymph node dissection	Yes / No	
Q24 Duration of operation (in minutes – skin to skin)	Number	Eg - 120
Q25 Number of units blood transfused	Number	Eg - 4

Q26 Measured blood loss (ml)	Number	Eg – 120.5
Q27 Intraoperative complications	Yes / No	
Q28 Intraoperative complications – specify	Short Text (up to 255 characters)	Free Text
Q29 Postoperative complications	Yes / No	
Q30 Postoperative complications – specify	Short Text (up to 255 characters)	Free Text
Q31 Significance of complication	Number - Multiple choice – 1 answer	1 = No action required; 2 = Contributed to death; 3 = Delayed discharge; 4 = Medical treatment; 5 = Required surgery
Q32 Date of Discharge	Long date	dd/mm/yyyy

Prostatectomy Follow-up Form

Question number /Field Name	Data type	Data Allowed
Q1 Date of follow up	Long date	dd/mm/yyyy
Q2 PSA - value	Number	Eg 100.1
Q3 PSA - <0.1	Yes / No	
Q4 Post-operative Potency	Number - Multiple choice – 1 answer	1 = Impotent; 2 = Partially Potent; 3 = Fully Potent
Q5 Post-operative Continence	Number - Multiple choice – 1 answer	1 = Complete; 2 = Minor Stress Leakage; 3 = 1 Pad / day; 4 = >1 Pad / day; 5 = Appliance
Q6 Intervention / adjuvant treatment - None	Yes / No	Enter 1 if this is true
Q7 Intervention / adjuvant treatment - DXT	Yes / No	Enter 1 if this is true
Q8 Intervention / adjuvant treatment - Hormone Therapy	Yes / No	Enter 1 if this is true
Q9 Intervention / adjuvant treatment - Cystoscopy	Yes / No	Enter 1 if this is true
Q10 Intervention / adjuvant treatment - Urethral dilatation	Yes / No	Enter 1 if this is true
Q11 Intervention / adjuvant treatment - Other	Yes / No	Enter 1 if this is true
Q12 Intervention / adjuvant treatment - Other specify	Short Text (up to 255 characters)	Free Text
Q13 – Late Complications – None	Yes / No	Enter 1 if this is true
Q14 – Late Complications – Recurrent UTI	Yes / No	Enter 1 if this is true
Q15 – Late Complications – Anastamotic stricture	Yes / No	Enter 1 if this is true
Q16 – Late Complications – Urethral stricture	Yes / No	Enter 1 if this is true
Q17 – Late Complications – DVT	Yes / No	Enter 1 if this is true
Q18 – Late Complications – Testicular pain	Yes / No	Enter 1 if this is true
Q19 – Late Complications – Hernia	Yes / No	Enter 1 if this is true
Q20 – Late Complications – Other	Yes / No	Enter 1 if this is true
Q21 Late Complications – other specify	Short Text (up to 255 characters)	Free Text

Q22 Pathology	Number	1 = Enter pathology details 2 = Not applicable this time – pathology details entered on previous follow-up
Q23 Surgical specimen Gleason Score 1	Number	Eg 1
Q24 Surgical specimen Gleason Score 2	Number	Eg 1
Q25 Weight of gland (g)	Number	Eg 125.5
Q26 Size of gland (a * b * c) cm	Short Text (up to 255 characters)	Eg 1 * 2 * 1.5
Q27 Seminal vesical involvement	Yes / No	
Q28 Lymph nodes – number sampled	Number	Eg 2
Q29 Number positive lymph nodes	Number	Eg 1
Q30 Positive Margins	Yes / No	
Q31 Site of Positivity (if yes to above)	Number - Multiple choice – check all that apply	1 = Apex 2 = Bladder neck 3 = Posterior 4 = Anterior 5 = Other
Q32 Pathological T stage	Multiple choice – 1 answer - Text – NB imports as text and is then converted internally to a number	X; 0; 1; 1a; 1b; 1c; 2; 2a; 2b; 2c; 3; 3a; 3b; 4
Q33 Pathological N stage	Multiple choice – 1 answer - Text – NB imports as text and is then converted internally to a number	X; 0; 1
Q34 Pathological M stage	Multiple choice – 1 answer - Text – NB imports as text and is then converted internally to a number	X; 0; 1a; 1b; 1c
Q35 Current Status	Number - Multiple choice – 1 answer	1 = Alive with no evidence of prostate cancer; 2 =Alive with local recurrence of prostate cancer; 3 =Alive with lymph node involvement by prostate cancer; 4 =Alive with metastatic disease; 5 =Dead
Q36 Date of diagnosis of local recurrence	Long date	dd/mm/yyyy
Q37 Date of diagnosis of lymph node involvement	Long date	dd/mm/yyyy
Q38 Date of diagnosis of metastatic disease	Long date	dd/mm/yyyy

Cystectomy Operation Data Collection Form

Question number /Field Name	Data type	Data Allowed
Q1 Indication for Cystectomy	Number - Multiple choice – 1 answer	1 =Muscle invasive TCC; 2 = Salvage after radiotherapy; 3 =Uncontrolled superficial disease; 4 =Squamous cell Ca; 5 = Primary CIS; 6 = Sarcoma; 7 = Gynaecological Ca; 8= Primary adenocarcinoma; 9 =Secondary adenocarcinoma; 10= Other
Q2 Indication for cystectomy – other specify	Short Text (up to 255 characters)	Free Text
Q3 Pre-operative Clinical T stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; a; is; 1; 2; 2a; 2b; 3; 3a; 3b; 4a; 4b
Q4 Pre-operative Clinical N stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1; 2; 3
Q5 Pre-operative Clinical M stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1
Q6 Pre-operative PT category	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; a; is; 1; 2; 2a; 2b; 3; 3a; 3b; 4a; 4b
Q7 Pre-operative Imaging - None	Yes / No	
Q8 Pre-operative Imaging – CT Scan	Yes / No	
Q9 Pre-operative Imaging – MRI	Yes / No	
Q10 Pre-operative Imaging – Bone scan	Yes / No	
Q11 Pre-operative Imaging – IVU	Yes / No	
Q12 Pre-operative Imaging – Others	Yes / No	
Q13 Serum Creatinine	Number	Eg 120.1
Q14 Pre-operative Radiotherapy	Yes / No	
Q15 Pre-operative Neoadjuvant Chemotherapy	Yes / No	
Q16 Synchronous Upper Tract Disease	Yes / No	
Q17 Status Upper Tracts	Number - Multiple choice – 1 answer	1 = Tumour; 2 = Hydronephrosis - left; 3 = Hydronephrosis - right; 4 = Hydronephrosis - bilateral; 5 = Non-functioning kidney; 6 = Normal; 7 = Other
Q18 Status Upper Tracts – Other	Short Text (up to 255	Free Text

specify	characters)	
Q19 Pre-operative Potency	Number - Multiple choice – 1 answer	1 = Impotent; 2 = Partially Potent; 3 = Fully Potent
Q20 Pre-operative Continence	Number - Multiple choice – 1 answer	1 = Complete; 2 = Minor Stress Leakage; 3 = 1 Pad / day; 4 = >1 Pad / day; 5 = Appliance
Q21 Date of Operation	Long date	dd/mm/yyyy
Q22 Grade of main operating Surgeon	Number - Multiple choice – 1 answer	1 = Consultant; 2 = SpR; 3 = Other
Q23 Supervised training operation	Yes / No	
Q24 ASA Grade	Number - Multiple choice – 1 answer	1 = Grade 1; 2 = Grade 2; 3 = Grade 3; 4 = Grade 4; 5 = Grade 5
Q25 Diversion Procedure	Number - Multiple choice – 1 answer	1 = Ileal Conduit; 2 = Orthotopic; 3 = Rectal diversion; 4 = Continent Cutaneous diversion; 5 = Other
Q26 Orthotopic type	Short Text (up to 255 characters)	Free Text
Q27 Other diversion – specify	Short Text (up to 255 characters)	Free Text
Q28 da Vinci (robot)	Yes / No	
Q29 Laparoscopic	Yes / No	
Q30 Converted	Yes / No	
Q31 Conversion reason	Short Text (up to 255 characters)	Free Text
Q32 Combined synchronous urethrectomy	Yes / No	1 = Yes; 2 = No
Q33 Combined synchronous nephroureterectomy	Yes / No	1 = Yes; 2 = No
Q34 Lymph node dissection	Number - Multiple choice – 1 answer	1 = None; 2 = Palpable only; 3 = Below bifurcation of common iliac; 4 = Extended above bifurcation of common iliac
Q35 Duration of operation (in minutes – skin to skin)	Number	Eg – 120
Q36 Number of units blood transfused	Number	Eg – 4
Q37 Measured blood loss (ml)	Number	Eg – 120.5
Q38 Intraoperative complications	Yes / No	
Q39 Intraoperative complications – specify	Short Text (up to 255 characters)	Free Text
Q40 Postoperative complications	Yes / No	
Q41 Postoperative complications – specify	Short Text (up to 255 characters)	Free Text
Q42 Significance of complication	Number - Multiple choice – 1 answer	1 = No action required; 2 = Contributed to death; 3 = Delayed discharge; 4 = Medical treatment; 5 = Required surgery
Q43 Date of Discharge	Long date	dd/mm/yyyy

Cystectomy Follow-up Data Collection Form

Question number /Field Name	Data type	Data Allowed
Q1 Date of Follow-up	Long date	dd/mm/yyyy
Q2 Operative Histology	Number - Multiple choice – 1 answer	1 = No Cancer; 2 = Muscle invasive TCC; 3 = Radiation change only; 4 = Squamous cell Ca; 5 = Primary CIS; 6 = Sarcoma ; 7 = Gynaecological Ca; 8 = Primary adenocarcinoma; 9 = Secondary adenocarcinoma; 10 = Other
Q3 Operative Histology - other specify	Short Text (up to 255 characters)	Free text
Q4 Tumour growth pattern	Number - Multiple choice – 1 answer	1 =Papillary ; 2 =Invasive;3 =Flat CIS
Q5 Grade of tumour	Number - Multiple choice – 1 answer	1= G1; 2 =G2; 3 =G3
Q6 Lymph nodes – number sampled	Number	Eg 2
Q7 Number positive lymph nodes	Number	Eg 1
Q8 Pathological T stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; a; is; 1; 2; 2a; 2b; 3; 3a; 3b; 4a; 4b
Q9 Pathological N stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1; 2; 3
Q10 Pathological M stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1
Q117 Intervention / adjuvant treatment - None	Yes / No	
Q12 Intervention / adjuvant treatment - Radiotherapy	Yes / No	
Q13 Intervention / adjuvant treatment - Systemic Chemotherapy	Yes / No	
Q14 Intervention / adjuvant treatment - Other	Yes / No	
Q15 Intervention / adjuvant treatment - Other specify	Short Text (up to 255 characters)	Free Text
Q16 Serum Creatinine	Number	Eg 120.1
Q17 Late complications – none	Yes / No	
Q18 Late complications – specify	Short Text (up to 255 characters)	Free Text
Q19 Hydronephrosis	Yes / No	
Q20 Status Upper Tracts	Number - Multiple choice – 1 answer	1 = Tumour; 2 = Hydronephrosis - left; 3 = Hydronephrosis - right; 4 =

		Hydronephrosis - bilateral; 5 = Non-functioning kidney; 6 = Normal; 7 = Other
Q21 Status Upper Tracts – Other specify	Short Text (up to 255 characters)	Free Text
Q22 Post-operative Potency	Number - Multiple choice – 1 answer	1 = Impotent; 2 = Partially Potent; 3 = Fully Potent
Q23 Post-operative Continence	Number - Multiple choice – 1 answer	1 = Complete; 2 = Minor Stress Leakage; 3 = 1 Pad / day; 4 = >1 Pad / day; 5 = Appliance; 6 = Ileal Conduit
Q24 Current Status	Number - Multiple choice – 1 answer	1 = Alive with no evidence of bladder cancer; 2 = Alive with local recurrence of bladder cancer; 3 = Alive with lymph node involvement by bladder cancer; 4 = Alive with metastatic disease; 5 = Dead
Q25 Date of diagnosis of local recurrence	Long date	dd/mm/yyyy
Q26 Date of diagnosis of lymph node involvement	Long date	dd/mm/yyyy
Q27 Date of diagnosis of metastatic disease	Long date	dd/mm/yyyy

Nephrectomy Operation Data Collection Form

Question number /Field Name	Data type	Data Allowed
Q1 Date of Operation	Long date	dd/mm/yyyy
Q2 Pre-Op Presentation	Number - Multiple choice – 1 answer	1 = Incidental finding with no symptoms; 2 = Haematuria ; 3 = Other
Q3 Pre-op Presentation Other	Short Text (up to 255 characters)	Free Text
Q4 Diagnosis	Number - Multiple choice – 1 answer	1 = Malignant ; 2 = Non-malignant
Q5 Malignant Diagnosis	Number - Multiple choice – 1 answer	1=- Renal Cell ca 2 = TCC 3 = Other Cancer
Q6 Non-malignant Diagnosis	Number - Multiple choice – 1 answer	1 = Non-functioning kidney 2 = Stone disease 3 = Other
Q7 Other Cancer diagnosis	Short Text (up to 255 characters)	Free text
Q8 Other non – malignant diagnosis specify	Short Text (up to 255 characters)	Free Text
Q9 Hb (g/l)	Number	Eg 120.1
Q10 Total WBC (*10 ⁹ /L)	Short Text (up to 255 characters)	Eg 120.1
Q11 Neutrophils (*10 ⁹ /L)	Number	Eg 120.1
Q12 Lymphocytes (*10 ⁹ /L)	Short Text (up to 255 characters)	Eg 120.1
Q13 Platelets (*10 ⁹ /L)	Number	Eg 120.1
Q14 Serum Creatinine (µmols/l)	Number	Eg 120.1
Q15 eGFR	Number	0 – 100
Q16 WHO performance status	Number - Multiple choice – 1 answer	1 =0 - Able to carry out normal activity without restriction; 2 = 1 - Restricted in physically strenuous activity but ambulatory and able to carry out light work; 3 = 2 - Ambulatory but unable to carry out any work: up and about for >50% of waking hours; 4 = 3 – Capable of only limited self care; confined to bed or chair for >50% of waking hours; 5 = 4 - Completely disabled: confined to bed or chair: unable to self care
Q17 Clinical T stage	Multiple choice – 1 answer - Text – NB imports as text and is then converted internally to a number	X; 0; 1; 1a; 1b; 2; 3; 3a; 3b; 3c; 4
Q18 Clinical N stage	Multiple choice – 1 answer - Text – NB imports as text and is then converted internally to a number	X; 0; 1; 2

Q19 Clinical M stage	Multiple choice – 1 answer - Text – NB imports as text and is then converted internally to a number	X; 0; 1
Q20 Size of Tumour in cms (only if diagnosis = Renal Cell Ca)	Short Text (up to 255 characters)	
Q21 Clinical Evidence of Metastases	Yes / No	
Q22 Site of metastases	Short Text (up to 255 characters)	Free Text
Q23 Number of Metastatic Sites	Number	
Q24 Grade of main operator	Number - Multiple choice – 1 answer	1 = Consultant; 2 = SpR; 3 = Other
Q25 Supervised procedure	Yes / No	
Q26 Procedure	Number - Multiple choice – 1 answer	1 = Simple Nephrectomy 2 = Radical Nephrectomy 3 = Partial Nephrectomy 4 = Heminephrectomy 5 = Nephroureterectomy 6 = Other
Q27 Other procedure - specify	Short Text (up to 255 characters)	Free Text
Q28 Side (bilateral procedures should have 2 audits)	Number - Multiple choice – 1 answer	1 = Left; 2 = Right
Q29 Lymph Node dissection	Yes / No	
Q30 Exploration vena cava	Yes / No	
Q31 Level	Number - Multiple choice – 1 answer	1 = Level 1 – can be milked back into renal vein; 2 = Level 2 – below liver; 3 = Level 3 – retrohepatic; 4 = Level 4 – above diaphragm
Q32 Liver mobilisation	Yes / No	
Q33 Cardiopulmonary bypass	Yes / No	
Q34 Circulatory arrest	Yes / No	
Q35 Complete excision from IVC	Yes / No	
Q36 Technique	Number - Multiple choice – 1 answer	1 = Open 2 = Laparoscopic 3 = Hand Assisted
Q37 Open Approach	Number – Multiple choice – check all that apply	1 = Transperitoneal 2 = Loin 3 = Median sternotomy 4 = Thoraco-abdominal 5 = Other
Q38 da Vinci (robot)	Yes / No	
Q39 Laparoscopic / Hand assisted approach	Number - Multiple choice – 1 answer	1 = Transperitoneal 2 = Retroperitoneal
Q40 Conversion	Yes/No	
Q41 Conversion Reason	Number - Multiple choice – 1 answer	1 = Hamorrhage 2 = Failure to progress 3 = Other
Q42 Other conversion reason	Short Text (up to 255 characters)	Free Text
Q43 Kidney Retrieval	Number - Multiple choice – 1 answer	1 = Retrieval bag (no morcellation) 2 = Retrieval bag (morcellation) 3 = Open retrieval
Q44 Ischaemic time (mins)	Number	Eg 120

Q45 Renal cooling	Yes / No	
Q46 Operating time (skin to skin)	Number	Eg 120
Q47 Units of Blood transfused	Number	
Q48 Measured Blood loss (mls)	Number	
Q49 30 day mortality	Yes / No	Yes / No
Q50 Morbidity	Number - Multiple choice – 1 answer	1 = Major 2 = Minor 3 = None
Q51 Morbidity intra/postop	Number - Multiple choice – 1 answer	1 = Intra-operative 2 = Post-operative
Q53 Morbidity type	Number – Multiple choice – check all that apply	1 = PE; 2 = DVT; 3 = Respiratory; 4 = Cardiac; 5 = Infection; 6 =Other
Q54 Other morbidity	Short Text (up to 255 characters)	Free Text
Q55 Significance of Complication	Number - Multiple choice – 1 answer	1 = No action required; 2 = Contributed to death; 3 = Delayed discharge; 4 = Medical treatment; 5 = Required surgery
Q56 Date of discharge	Long date	dd/mm/yyyy

Nephrectomy Follow-up Data Collection Forms

Question number /Field Name	Data type	Data Allowed
Q1 Date of Follow-up	Long date	dd/mm/yyyy
Q2 Type of tumour	Number - Multiple choice – 1 answer	1 = Parenchymal 2 = Urothelial 3 = Not applicable – benign disease
Q3 Site of tumour	Number - Multiple choice – 1 answer	1 = Calyx; 2 = Pelvis; 3 = PUJ; 4 = Ureter; 5 = Multiple
Q4 Maximum diameter of tumour (cm)	Number	Eg 4.5
Q5 Predominant cell type	Number - Multiple choice – 1 answer	1 =Clear cell; 2 = Papillary; 3 = Oncocytoma;4 = Chromophobe; 5 = Collecting duct ; 6 =Other
Q6 Presence of necrosis	Yes / No	
Q7 Nuclear grade	Short Text (up to 255 characters)	Free Text
Q8 Tumour in renal veins	Yes / No	
Q9 Margins	Number - Multiple choice – 1 answer	1 = Negative; 2 = Positive
Q10 Adrenal Invasion	Yes / No	
Q11 Number of tumours	Number	Eg 1
Q12 Associated CIS	Yes / No	
Q13 Grade of tumour	Number - Multiple choice – 1 answer	1 = G1; 2 = G2; 3 = G3
Q14 Number of Lymph Nodes Sampled	Number	Eg 1

Q15 Number positive lymph nodes	Number	Eg 1
Q16 Pathological T stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; a; is; 1; 1a; 1b; 2; 3; 3a; 3b; 3c; 4
Q17 Pathological N stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1; 2; 3
Q18 Pathological M stage	Multiple choice – 1 answer -Text – NB imports as text and is then converted internally to a number	X; 0; 1
Q19 Investigations – Full blood count	Yes / No	
Q20 Investigations – LFT's	Yes / No	
Q21 Investigations – CT Scan	Yes / No	
Q22 Investigations – Ultrasound	Yes / No	
Q23 Investigations – Chest X-ray	Yes / No	
Q24 Investigations – Other	Yes / No	
Q25 Investigations - other specify	Short Text (up to 255 characters)	Free text
Q26 Serum creatinine	Number	eg 120.5
Q27 eGFR	Number	0 - 100
Q28 Intervention / adjuvant treatment - None	Yes / No	
Q29 Intervention / adjuvant treatment – Immunotherapy	Yes / No	
Q30 Intervention / adjuvant treatment – Hormone therapy	Yes / No	
Q31 Intervention / adjuvant treatment – Radiation	Yes / No	
Q32 Intervention / adjuvant treatment – Excision of local recurrence	Yes / No	
Q33 Intervention / adjuvant treatment – Metasectomy	Yes / No	
Q34 Procedure date	Long date	dd/mm/yyyy
Q35 Intervention / adjuvant treatment – Other	Yes / No	
Q36 Intervention / adjuvant treatment – Other specify	Short Text (up to 255 characters)	Free Text
Q37 Late complications – None	Yes / No	
Q38 Late complications – Wound infection	Yes / No	
Q39 Late complications – Wound hernia	Yes / No	
Q40 Late complications – Wound pain	Yes / No	

Q41 Late complications – DVT	Yes / No	
Q42 Late complications – Renal impairment	Yes / No	
Q43 Late complications – Other	Yes / No	
Q44 Late complications – Other specify	Short Text (up to 255 characters)	Free Text
Q45 Current Status	Number - Multiple choice – 1 answer	1 = Alive with no evidence of renal cancer; 2 =Alive with local recurrence of renal cancer; 3 =Alive with lymph node involvement by renal cancer; 4 =Alive with metastatic disease; 5 =Dead
Q46 Date of diagnosis of local recurrence	Long date	dd/mm/yyyy
Q47 Date of diagnosis of lymph node involvement	Long date	dd/mm/yyyy
Q48 Date of diagnosis of metastatic disease	Long date	dd/mm/yyyy