

Weight(kg) BMI

Length(cm)

Diagnosis Incidental finding Symptomatic tumour ???

Symptoms

Date of inclusion

Management

Previous treatment for renal masses Yes No ??? Select

Previous treatment in THIS STUDY Yes No ???

Previous used PATIENT CODE in THIS study

Co-morbidity? Yes No ??? Specify

Anticoagulation? Yes No ??? Specify

If other, specify

Risk factors Yes No ??? Select

Family history of RCC:

First degree Yes No ??? Specify number

Second degree Yes No ??? Specify number

Third degree Yes No ??? Specify number

First degree: parents, children, siblings
 Second degree: grandparents, grandchildren, cousins

Select laboratory unit system

Hb (mmol/L) SGPT/ALAT (U/L)

Creatinine (µmol/L) SGOT/ASAT (U/L)

Calcium (mg/dL) CRP (mg/L) ESR (mm/hr)

Abdominal imaging Thorax imaging

Distant metastasis? Yes No ??? Site of metastasis

Specify other

Side of tumours Left only Right only Left Right ???

207 L=1	208 L=1
Left kidney:	Right kidney:
No. of tumours <input type="text" value="17"/>	No. of tumours <input type="text" value="105"/>
Radiologic features of largest tumour	Radiologic features of largest tumour
Max. diam. of tumour (mm) <input type="text" value="19"/>	Max. diam. of tumour (mm) <input type="text" value="106"/>
Enhancement on CT (HU) <input type="text" value="21"/>	Enhancement on CT (HU) <input type="text" value="107"/>
Exophytic (%) <input type="text" value="20"/>	Exophytic (%) <input type="text" value="108"/>
Tumour location <input type="text" value="18"/>	Tumour location <input type="text" value="109"/>
Tumour thrombus (see below) <input type="text" value="23"/>	Tumour thrombus (see below) <input type="text" value="110"/>
Fat invasion <input type="text" value="22"/>	Fat invasion <input type="text" value="111"/>
Adrenal invasion <input type="text" value="25"/>	Adrenal invasion <input type="text" value="112"/>
Regional lymph nodes enlargement <input type="text" value="210"/>	Regional lymph nodes enlargement <input type="text" value="211"/>

Tumor thrombus level classification:
 Level 0: limited in the renal vein
 Level I: extending ≤ cm above the renal vein
 Level II: extending ≥ cm above the renal vein but below the hepatic veins
 Level III: at the level or above the hepatic veins but below the diaphragm
 Level IV: extending above the diaphragm

Contralat. Kidney Present Absent ??? If if absent,select reason

Side tumour to treat Clinical Stage

General	Pre-treatment	Operative data	Pathological data	Postoperative data	Follow Up
Date of operation	29	ASA	<input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> Unknown		
Type of operation	31	No. of punctures	174	1:143	
Approach	32	NSS?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ???		
Lymphadenectomy	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ???				
Adrenalectomy	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ???				
Est. blood loss (ml)	35	Per-operative blood transfusion	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ???		No. of units
Ischemia?	37	Ischemia time (min)	38		
Frozen section?	40	Biopsy surgical bed?	39		
Haemostatic material used?	41	open	Specify other	102	

General	Pre-treatment	Operative data	Pathological data	Postoperative data	Follow Up				
Pre-operative biopsy	42								
No. of extirpated tumours	43								
	Benign	Max. diam. (mm)	Pathol. Grade	Microv. invasion	Ren. (segm.) vein inv.?	Urin. System invasion	Periren. Fat invasion	Necr. %	Sinusal Fat ingrowth
67	68	69	70	45	156	48	46	44	47
82	83	84	85	121	157	126	131	136	147
86	87	88	89	122	158	127	132	137	148
90	91	92	93	123	159	128	133	138	149
94	95	96	97	124	160	129	134	139	150
98	99	100	101	125	161	130	135	140	151
No. of lymphnodes	50		Adrenal ingrowth	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ???					
No. of malignant lymphnodes	51								
Path. grading system used	164								
Pathological staging (TNM 2002)	(largest or most aggressive tumour)								
	52	60	61						

Days in hospital after treatment 53

Complications? Yes No ???

258 L=1

	Management:	Clavien:	At discharge?	Date:
Bleeding	217 <input type="text"/> 227 <input type="text"/> open	234 <input type="text"/>	439 <input type="text"/>	452 <input type="text"/>
Leakage	218 <input type="text"/> 244 <input type="text"/> open	235 <input type="text"/>	440 <input type="text"/>	453 <input type="text"/>
Acute Renal Failure	219 <input type="text"/> 228 <input type="text"/> open	236 <input type="text"/>	441 <input type="text"/>	454 <input type="text"/>
Urinary tract Infection	220 <input type="text"/> 229 <input type="text"/> open	237 <input type="text"/>	442 <input type="text"/>	455 <input type="text"/>
Fever	221 <input type="text"/> 230 <input type="text"/> open	238 <input type="text"/>	443 <input type="text"/>	456 <input type="text"/>
Sepsis	222 <input type="text"/> 231 <input type="text"/> open	239 <input type="text"/>	444 <input type="text"/>	457 <input type="text"/>
AMI	223 <input type="text"/> 232 <input type="text"/> open	240 <input type="text"/>	445 <input type="text"/>	458 <input type="text"/>
DVT	224 <input type="text"/> 233 <input type="text"/> open	241 <input type="text"/>	446 <input type="text"/>	459 <input type="text"/>
Lung embolism	245 <input type="text"/> 248 <input type="text"/> open	251 <input type="text"/>	447 <input type="text"/>	460 <input type="text"/>
CVA	246 <input type="text"/> 249 <input type="text"/> open	252 <input type="text"/>	448 <input type="text"/>	461 <input type="text"/>
Acute Abdomen	247 <input type="text"/> 250 <input type="text"/> open	253 <input type="text"/>	449 <input type="text"/>	462 <input type="text"/>
Other	225 <input type="text"/> 226 <input type="text"/>	242 <input type="text"/>	450 <input type="text"/>	463 <input type="text"/>

If Other, specify 256

Clavien

Grade I: Any deviation from the normal postop. course without pharmo treatment or intervention
 Grade II: Pharmacological treatment; wound infections opened at the bedside
 Grade III: Intervention needed:
 III-A: Intervention NOT under general anaesthesia
 III-B: Intervention under general anaesthesia
 Grade IV: Life threatening complication requiring IC/ICU
 IV-A: Single organ dysfunction (including diabetes)
 IV-B: Multiorgan dysfunction
 Clavien V: Death

24 hrs postop. Hb (mmol/L) 54
 Please select laboratory unit in form "Preop"
 24 hrs postop. Creat (µmol/L) 55

Postoperative blood transfusion Yes No ??? No. of units 76

3 month 6 month 9 month 12 month 18 month 24 month 36 month 48 month 60 month

Follow-up Date 165

Status 209 Site of cancer 144 open

Date of death 77

Specify other 184

Creatinine (mg/dL) 167 select laboratory unit in form "Preop"

GFR calculated? Yes No ??? GFR 169

Abdominal imaging CT MR US Other None ???

Recurrence? 171

Rim enhancement? Yes No ???

Nodular enhancement? Yes No ???

Thorax imaging CT X-thorax None ???

Metastases Yes No ???

CHANGE in management: patient can be included again with a NEW (Different) patient-code

CHANGE in management? Yes No ??? 487 Date 495

If AS policy: surgery indicated? 78 Size at surgical indic. (mm) 79