### CLINICAL INFORMATION

- Information not provided
- Previous history of endocrine/adrenal tumour or related abnormality, specify
- Relevant biopsy/cytology results, specify
- Previous surgery/therapy, specify
- Relevant familial history, specify
- Functional status, specify
  - Cushing syndrome
  - Primary aldosteronism (PA)
  - Conn syndrome
  - Other, specify
- Imaging findings, specify
- Other, specify

### SPECIMEN(S) SUBMITTED

- Not specified
- Adrenal tumour
  - Left
  - Right
- Lymph nodes, specify site(s) and laterality
- Other (e.g., metastatic site), specify site(s) and laterality

### TUMOUR SITE

- Not specified
- Adrenal
  - Left
  - Right
- Other, specify site(s) and laterality

### SPECIMEN INTEGRITY

- Specimen intact
- Capsule disrupted
- Fragmented specimen
- Cannot be assessed, specify

### TUMOUR DIMENSIONS

- Maximum tumour dimension (largest tumour) mm
- Additional dimensions (largest tumour) mm x mm
- Cannot be assessed, specify

### TUMOUR WEIGHT*

- 9 g
- Cannot be assessed, specify

* With other organs and fat removed.
**HISTOLOGICAL TUMOUR TYPE** *(Value list based on the World Health Organization (WHO) Classification of Tumours: Pathology and Genetics of Tumours of Endocrine Organs (2017))*

- Adrenal cortical carcinoma, not otherwise specified (NOS)
- Adrenal cortical carcinoma, oncocytic type
- Adrenal cortical carcinoma, myxoid type
- Adrenal cortical carcinoma, sarcomatoid type
- Adrenal cortical neoplasm of uncertain malignant potential

*This is not considered a distinct entity under the WHO Classification.*

**EXTENT OF INVASION** *(select all that apply)*

- Cannot be assessed
- Confined to adrenal gland
- Invasion into/through adrenal capsule
- Invasion into extra-adrenal structures, specify
- Invasion into adjacent organs, specify

**TUMOUR ARCHITECTURE**

- Diffuse (solid or pattern-less)
- Nested/non-diffuse

**LIPID RICH CELLS**

- ≤25%
- >25%

**CAPSULAR INVASION**

- Not identified
- Present
- Cannot be assessed, specify

**LYMPHATIC INVASION**

- Not identified
- Present

**VAScular INVASION**

- Not identified
- Present (select all that apply)
  - Capillary/lymphatic sized vessels
  - Vein size (select all that apply)
  - Adrenal vein
  - Vena cava
  - Other, specify

**ATYPICAL MITOTIC FIGURES**

- Not identified
- Present

**NECROSIS**

- Not identified
- Present
- Extent
  - Focal
  - Extensive

**NUCLEAR GRADE (Fuhrman criteria)**

- Low (Grade 1 or 2)
- High (Grade 3 or 4)

**MITOTIC COUNT AND HISTOLOGICAL TUMOUR GRADE**

- Mitotic figures/10 mm²
- Low grade (≤20 mitoses)
- High grade (>20 mitoses)
- Cannot be assessed, specify

**KI-67 PROLIFERATION INDEX**

- Ki-67 %
- Cannot be assessed, specify

**RETICULIN FRAMEWORK**

- Intact/preserved
- Altered/absent
- Cannot be assessed, specify

**MULTIFACTORIAL SCORING SYSTEMS**

- Not used
- Specify scoring system(s) used and score(s)
  - Weiss system for conventional adrenal cortical neoplasms
  - Modified Weiss system (Aubert) for conventional adrenal cortical neoplasms
  - Lin-Weiss-Bisceglia system for oncocytic adrenal cortical neoplasms
  - Helsinki system for diagnosis and prognosis of conventional and oncocytic adrenal cortical neoplasms
  - Reticulin algorithm for the diagnosis of conventional and oncocytic adrenal cortical neoplasms
  - Wieneke/AFIP algorithm for paediatric adrenal cortical neoplasms

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**LYMPH NODE STATUS**

- No nodes submitted or found
- Not involved
- Involved
  - Number of positive lymph nodes
- Number cannot be determined

**COEXISTENT PATHOLOGY** (select all that apply)

- None identified
- Adenoma
- Hyperplasia
- Other, specify

**MARGIN STATUS**

- Not involved (R0)
- Distance of tumour to closest margin mm
- Involved
  - Extent
    - R1 (microscopic), specify if possible
    - R2 (macroscopic), specify if possible
  - Location of involved margin(s), specify if possible
- Cannot be assessed, specify

**ANCILLARY STUDIES**

- Not performed
- Performed, specify

**HISTOLOGICALLY CONFIRMED DISTANT METASTASES**

- Not identified
- Not assessed
- Present, specify site(s)

**PATHOLOGICAL STAGING (UICC TNM 8th edition)**

**TNM Descriptors** (only if applicable) (select all that apply)
- m - multiple primary tumours
- r - recurrent
- y - post-therapy

**Primary tumour (pT)**

- TX Primary tumour cannot be assessed
- T1 Tumour 5 cm or less in greatest dimension, no extra-adrenal invasion
- T2 Tumour greater than 5 cm, no extra-adrenal invasion
- T3 Tumour of any size with local invasion, but not invading adjacent organs^a
- T4 Tumour of any size with invasion of adjacent organs^a

^a Adjacent organs include kidney, diaphragm, great vessels (renal vein or vena cava) pancreas, and liver.

**Regional lymph nodes (pN)**

- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1 Metastasis in regional lymph node(s)

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