

Thyroid Cancer Histopathology Reporting Proforma



Mandatory questions (i.e. protocol standards) are in bold (e.g. **S1.01**).

S1.01 Identification

Family name

Given name(s)

Date of birth

Sex

- Male
 Female
 Intersex/indeterminate

Ethnicity

- Aboriginal/Torres Strait Islander
 Other ethnicity
 Unknown

G1.01 Patient identifiers

e.g. MRN, IHI or NHI (please indicate which)

Date of request

S1.02 Accession number

Requesting doctor - name and contact details

Clinical details

S1.03 Principal clinician

S1.04 Operating surgeon - contact details

S1.05 Type of operation

- Total thyroidectomy
Near-total thyroidectomy
Subtotal thyroidectomy
Lobectomy with isthmusectomy
(hemi-thyroidectomy)
Lobectomy
Partial lobectomy
Completion thyroidectomy

Neck dissection

- No
Yes Left side
Right side

- Central compartment
Lateral compartment

Levels:

Additional procedures

S1.06 Details of any previous thyroid operation

Not stated

S1.07 Anatomical site(s) (insert diagram or photograph if possible)

Not stated

Other specimens received

- No
Yes Specify details:

S1.08 Laterality of the lesion

- Left
- Right
- Isthmus
- Not stated

G1.02 Any relevant clinical information eg

- Thyroid function status
- Relevant medical treatments (eg anti-thyroid drug, radioactive iodine)
- Previous exposure of neck to radiotherapy
- Indication for performing surgery
- Family history (eg thyroid cancer, endocrine tumours or syndromes)
- Other (specify)

G1.03 Pre-operative fine needle aspiration

- No
- Yes Specify details:

G1.04 Clinical staging

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G1.05 Involvement of adjacent organs or distant metastases

- No
- Yes Specify details:

G1.06 Clinical or differential diagnosis

Macroscopic findings

G2.04 Weight of the specimen

g

S2.10 Specimen dimensions:

Right lobe

length mm	x	width mm	x	thickness mm
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Left lobe

length mm	x	width mm	x	thickness mm
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Isthmus

length mm	x	width mm	x	thickness mm
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G2.05 Thyroid capsule

- Not intact
- Intact

S2.11 Macroscopic description of lesion(s)

Multiple lesions?

- No
- Yes Number of lesions:

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LESION 1

Location

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Appearance

Borders

- Encapsulated
- Infiltrative

Size in greatest dimension

mm

Distance from nearest excision margin

mm

LESION 2

Location

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Appearance

LESION 2

Borders

Encapsulated

Infiltrative

Size in greatest dimension

mm

Distance from nearest excision margin

mm

LESION 3

Location

Appearance

Borders

Encapsulated

Infiltrative

Size in greatest dimension

mm

Distance from nearest excision margin

mm

LESION 4

Location

Appearance

Borders

Encapsulated

Infiltrative

Size in greatest dimension

mm

Distance from nearest excision margin

mm

G2.06 Appearance of other portion of thyroid

G2.07 Parathyroid

Absent

Present

Lymph nodes

Absent

Present Specify type:

G2.08 Other macroscopic comment

Microscopic findings

S3.01 Tumour type

Papillary carcinoma

Follicular carcinoma

Medullary carcinoma

Others (please state)

For follicular carcinoma, record level of invasion:

Widely invasive

Minimally invasive

Vascular invasion

Absent

Present

Number of foci of capsular and/or vascular invasion (if known)

G3.01 Tumour variant

S3.02 Multifocal lesions

Absent

Present

S3.03 Diameter of tumour

(for multifocal tumours measure the largest)

mm

S3.04 Extension into adjacent tissues/ organs

Absent

Present Into which tissue:

- Sternohyoid muscle
- Perithyroid soft tissue
- Subcutaneous soft tissues
- Larynx
- Trachea
- Oesophagus
- Recurrent laryngeal nerve

Other (specify):

S3.05 Cancer at resection margin

Absent Clearance from resection margin

mm

Present Which margin(s)

S3.06 Lymph node status

Location 1

Number of positive nodes

Total number of nodes resected

Location 2

Number of positive nodes

Total number of nodes resected

S3.07 Parathyroid tissue

Absent

Present State where:

G3.02 Co-existing pathology

Hashimoto's thyroiditis

Lymphocytic thyroiditis

Diffuse parenchymatous goitre

Nodular hyperplasia

Other (specify):

G3.03 Other microscopic comment

Ancillary test findings

S4.01 Immunohistochemical stains

Positive Abs	<input style="width: 250px;" type="text"/>
Negative Abs	<input style="width: 250px;" type="text"/>
Equivocal Abs	<input style="width: 250px;" type="text"/>

Interpretation

Clinical significance

G4.01 Molecular investigation

Performing lab

Result

Conclusion

Person responsible for reporting

Synthesis and overview

S5.01 Tumour stage AJCC (see p5)

T

N

M

Stage grouping

S5.02 Year of publication and edition of cancer staging system

G5.01 Diagnostic summary
 Include: Operation type; tumour site, laterality, type, stage; completeness of excision

S5.03 Other relevant information and comments

#Tumour stage (AJCC)

Primary Tumour (T)

Note: All categories may be subdivided: (s) solitary tumour and (m) multifocal tumour (the largest determines the classification).

- TX Primary tumour cannot be assessed
- T0 No evidence of primary tumour
- T1 Tumour 2cm or less in greatest dimension limited to the thyroid.
- T1a Tumour 1cm or less, limited to the thyroid.
- T1b Tumour more than 1cm but not more than 2cm in greatest dimension limited to the thyroid.
- T2 Tumour more than 2cm but not more than 4cm in greatest dimension limited to the thyroid.
- T3 Tumour more than 4cm in greatest dimension limited to the thyroid or any tumour with minimal extrathyroid extension (eg extension to sternothyroid muscle or perithyroid soft tissues).
- T4a Moderately advanced disease. Tumour of any size extending beyond the thyroid capsule to invade subcutaneous soft tissues, larynx, trachea, oesophagus or recurrent laryngeal nerve.
- T4b Very advanced disease. Tumour invades prevertebral fascia or encases carotid artery or mediastinal vessels. All anaplastic carcinomas are considered T4 tumours
- T4a Intrathyroidal anaplastic carcinoma
- T4b Anaplastic carcinoma with gross extrathyroid extension

Regional Lymph Nodes (N) - Regional lymph nodes are the central compartment, lateral cervical, and upper mediastinal lymph nodes.

- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1 Regional lymph nodes metastasis
- N1a Metastasis to Level VI (Pretracheal, paratracheal, and prelaryngeal/Delphian lymph nodes)
- N1b Metastasis to unilateral, bilateral, or contralateral cervical (Levels I, II, III, IV, or V) or retropharyngeal or superior mediastinal lymph nodes (Level VII)

Distant Metastasis (M)

- M0 No distant metastasis
- M1 Distant metastasis

Stage Grouping

Papillary or follicular (differentiated)

UNDER 45 YEARS			
Stage	T	N	M
Stage I	Any T	Any N	M0
Stage II	Any T	Any N	M1
45 YEARS AND OLDER			
Stage I	T1	N0	M0
Stage II	T2	N0	M0
Stage III	T3	N0	M0
	T1	N1a	M0
	T2	N1a	M0
	T3	N1a	M0
Stage IVA	T4a	N0	M0
	T4a	N1a	M0
	T1	N1b	M0
	T2	N1b	M0
	T3	N1b	M0
	T4a	N1b	M0
Stage IVB	T4b	Any N	M0
Stage IVC	Any T	Any N	M1

Medullary carcinoma (all age groups)			
Stage I	T1	N0	M0
Stage II	T2	N0	M0
	T3	N0	M0
Stage III	T1	N1a	M0
	T2	N1a	M0
	T3	N1a	M0
Stage IVA	T4a	N0	M0
	T4a	N1a	M0
	T1	N1b	M0
	T2	N1b	M0
	T3	N1b	M0
	T4a	N1b	M0
Stage IVB	T4b	Any N	M0
Stage IVC	Any T	Any N	M1

Anaplastic carcinoma (all considered Stage IV)			
Stage IVA	T4a	Any N	M0
Stage IVB	T4b	Any N	M0
Stage IVC	Any T	Any N	M1

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Worksheet prepared by:

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On:

DD – MM – YYYY
