

**Department of Laboratory Medicine - HISTOPATHOLOGY****Head and neck Oncology specimen- HPE wit****Biopsy Number :B/22686/2025****Specimen_Title :** 1. Right partial glossectomy suture anterior

2. Level IA lymph node

3. Right perifacial lymph node

4. Right level IB lymph node

5. Right level IIA lymph node

6. Right level IIB lymph node

7. Right level III lymph node

8. Right level IV lymph node

9. Teeth for documentation

Gross : FROZEN SPECIMEN (FR/688/2025): Right partial glossectomy**FROZEN GROSS:** Received right partial glossectomy total specimen measuring 55 x 38 x 22 mm.

Ulcer measuring 18 x 15 x 5 mm. Cut surface grey white, firm with infiltrating margins.

Distance from margin:

Anterior margin: 10 mm

Posterior Margin: 10 mm

Superior Margin: 15 mm

Inferior Margin: 7 mm

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Deep Margin: 13 mm

FRa1, FRa2: Tumour with deep margin

Tissue saved

FROZEN REPORTS (FR/688/2025):

- Depth of invasion 5 mm
- Deep margin is 13 mm away.

GROSS:

1. Right partial glossectomy suture anterior: Already written in frozen section (FR/688/2025).

2. Level IA lymph node: Received single fibrofatty tissue piece measuring 40 x 25 x 10 mm.

3. Right perifacial lymph node: Received single fibrofatty tissue piece measuring 35 x 25 x 10 mm.

4. Right level IB lymph node: Received single fibrofatty tissue piece measuring 65 x 40 x 25 mm.

Salivary gland measuring 40 x 30 x 25 mm. Cut surface of salivary gland is unremarkable.

5. Right level IIA lymph node: Received single fibrofatty tissue piece measuring 60 x 25 x 22 mm.

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6. Right level IIB lymph node: Received single fibrofatty tissue piece measuring 25 x 20 x 15 mm.

7. Right level III lymph node: Received single fibrofatty tissue piece measuring 50 x 30 x 15 mm.

8. Right level IV lymph node: Received single fibrofatty tissue piece measuring 48 x 42 x 15 mm.

9. Teeth for documentation: Received two teeth for documentation.

SECTIONS SUBMITTED FOR MICROSCOPY:

1. Right partial glossectomy suture anterior:

Remaining of frozen:

A: Inferior margin

B: Posterior margin

C: Anterior margin

D: Superior margin

E, F: ? Ulcer with deep margin

G, H: Mucosa around lesion

I to K: Remaining tissue

All processed

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**Department of Laboratory Medicine - HISTOPATHOLOGY****2. Level IA lymph node:**

L to N: All processed

3. Right perifacial lymph node:

O: One lymph node bisected

O, P: All processed

4. Right level IB lymph node:

Q: Salivary gland

R to T: Lymph node

Tissue saved

5. Right level IIA lymph node:

U to A1: All processed

6. Right level IIB lymph node:

B1 to C1: All processed

7. Right level III lymph node:

D1 to F1: All processed

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**Department of Laboratory Medicine - HISTOPATHOLOGY****8. Right level IV lymph node:**

G1 to J1: All processed

9. Teeth for documentation:

Received two teeth for documentation.

Grossed by: Dr. Ruchika

Transcribed by: Sumit

Microscopic : 1. Right partial glossectomy suture anterior:**HISTOLOGIC TYPE –**

Squamous cell carcinoma, conventional

HISTOLOGIC GRADE –

G2: Moderately differentiated

SINGLE FOCUS

MARGINS-

-Margins uninvolved by invasive carcinoma

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**Department of Laboratory Medicine - HISTOPATHOLOGY****MICROSCOPIC TUMOR EXTENSION- (DEPTH OF TUMOUR) -****DOI:** 6 mm**POI:** 3**LYMPH-VASCULAR INVASION-**

Not identified

PERINEURAL INVASION-

Not identified

LYMPH NODES, EXTRANODAL EXTENSION -

- Number examined: 49
- Number involved(Macrometastasis/ Micrometastasis): 1
- Size of the positive lymphnode deposit : 16mm
- Extranodal extension : Not seen

PATHOLOGIC STAGING (pTNM)-**Primary Tumor (pT)**pT2: Tumor \leq 2 cm, DOI $>$ 5 mm and \leq 10 mm

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Department of Laboratory Medicine - HISTOPATHOLOGY**Regional Lymph Nodes (pN):**

pN1: Metastasis in a single ipsilateral lymph node, 3 cm or smaller in greatest dimension and ENE(−)

2. Level IA lymph node: 1 lymph node is free of tumour; (0/1).

3. Right perifacial lymph node: 1 lymph node is free of tumour; (0/1).

4. Right level IB lymph node: Salivary gland is free of tumour. 1 lymph node is free of tumour; (0/1).

5. Right level IIA lymph node: 1/22 lymph node reveals metastatic tumour deposit without extranodal infiltration.

6. Right level IIB lymph node: 5 lymph nodes are free of tumour; (0/5).

7. Right level III lymph node: 9 lymph nodes are free of tumour; (0/9).

8. Right level IV lymph node: 13 lymph nodes are free of tumour; (0/13).

9. Teeth for documentation: Two teeth for documentation.

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Department of Laboratory Medicine - HISTOPATHOLOGY**Impression : 1. Right partial glossectomy suture anterior:**

- Moderately differentiated squamous cell carcinoma
- pT2 N1
- All margins are free of tumour

2. Level IA lymph node:

- 1 lymph node is free of tumour; (0/1).

3. Right perifacial lymph node:

- 1 lymph node is free of tumour; (0/1).

4. Right level IB lymph node:

- Salivary gland is free of tumour.
- 1 lymph node is free of tumour; (0/1).

5. Right level IIA lymph node:

- 1/22 lymph node reveals metastatic tumour deposit without extranodal infiltration.

6. Right level IIB lymph node:

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- 5 lymph nodes are free of tumour; (0/5).

7. Right level III lymph node:

- 9 lymph nodes are free of tumour; (0/9).

8. Right level IV lymph node:

- 13 lymph nodes are free of tumour; (0/13).

9. Teeth for documentation:

- Two teeth for documentation.

CASE REPORTED BY :

Dr. Ruchika K Goel / Dr. Lipika Lipi

(Above result has been modified:

17/09/25 16:49 LIPIKA

17/09/25 16:42 LIPIKA

Tests Rechecked

Transcription Error)

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Head & Neck Oncology

Name: Mr. Tarun Gupta

UHID: MM01203082

Gender: Male

Ordered: 4 Sep 2025 14:55

Collected: 4 Sep 2025 15:57

Authzorized: 9 Sep 2025 11:37



MC-2346

DOB: 20 Apr 1981 (44 years)

Specimen Type: Head and neck Oncology specimen

Doctor: Dr Deepak Sarin

Specimen No: 3025020766

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Please Note

1. Test results are to be clinically correlated.
2. Storage and discard of biological specimen/materials shall be as per Medanta's specimen retention policy.
3. The biological specimen/ materials may be used for educational and research purposes.
4. Test results are not valid for medico-legal purposes.
5. In case of any query related to the test results, please contact [+91(124)4141414].
6. Slides can be issued after 48 hrs (Between 3-5 pm) | Specimen will be discarded after 1 month | Original set of slides will be retained in the department
7. This is the final report. This report supersedes all previous report released with this lab number/specimen ID

Authorized by

Dr Lipika Lipi
Associate Director
MBBS, MD (Pathology)

Performed by

Dr Ruchika Kumar Goel
Associate Director
MBBS, DNB (Pathology),AMPH(ISB)

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