**SURGICAL PATHOLOGY REPORT**

**Date of sample collection :** 11/03/2015

**Received on :** 11/03/2015

**Reported Date :** 12/03/2015

**Gross Description :**

Received in formalin is a specimen labelled as "Biopsy", consists of Single grey white tissue bit measuring

0.8x0.6x0.4cm. Entire specimen submitted in one cassette.

(Dr Krishna/RG/gb)

**Microscopic Description :**

Sections show mucosa with an infiltrating Moderately differentiated Squamous cell carcinoma. The tumor is

seen infiltrating the underlying muscle.

**Diagnosis :**

Moderately differentiated Squamous cell carcinoma, biopsy, left side FOM lesion.

(K/C/o WDSCC)

**SURGICAL PATHOLOGY REPORT**

**Date of sample collection :** 25/03/2015

**Received on :** 25/03/2015

**Reported Date :** 11/04/2015

**Clinical Impression :**

Ca Tongue

**Gross Description :**

Received in formalin are 22 specimens. The I specimen labelled as "Left lateral border of tongue", consists of

mucosa covered tissue measures 4x3.5x1.5cms. Specimen tagged with suture, single stitch anterior double stitch

superior. An ulcerative lesion seen in the lateral aspect measures 1.7x1.5x0.6cms. Lesion is 1cm from superior

margin, 0.7cm from inferior soft tissue margin, 1.4cm from inferior soft tissue margin, 0.8cm from posterior

mucosal margin, 1.2cms from posterior soft tissue margin, 1cm from anterior mucosal margin, 1.2cms from

anterior soft tissue margin, 0.8cms from deep inked margin (medial). Representative sections are submitted as

follows :-

A1 - Anterior mucosal and soft tissue margin

A2 - Posterior mucosal and soft tissue margin

A3 - Superior mucosal and soft tissue margin with lesion

A4 - A5 - Lesion with superior and inked deep margin

A6 - A7 - Lesion with inferior and inked deep margin

Specimen II labelled as "Right lateral border of tongue, double stitch inferior single stitch anterior", whole

measures 6.5x4x1.9cms. An ulcero proliferative growth seen in the lateral aspect measures 4.5x3x1.4 cms. The

lesion is 1cm from anterior mucosal soft tissue margin, 1.2cm from posterior mucosal margin, 1.5cm from

posterior soft tissue margin, 0.6cms from inferior mucosal margin, 1.5cms from inferior soft tissue margin,

1.5cms from superomedial margin, 0.5cms from deep inked margin. Representative sections are submitted as

follows:-

B1 - Anterior soft tissue mucosal margin

B2 - Posterior soft tissue mucosal margin

B3 - Lesion with inferior soft tissue and mucosal margin with deep inked margin

B4 - Lesion with superior and deep margin

B5 - Lesion proper

Specimen III labelled as "Right additional anterior mucosal margin", consists of mucosa covered tissue bit

measures 0.6x0.4x0.3cm. Entire specimen submitted in cassette C.

Specimen IV labelled as "Additional right deep soft tissue margin", consists of grey brown tissue bit measures

1.5x1x0.6cms. Entire specimen submitted in cassette D.

Specimen V labelled as "Right superior mucosal margin", consists of mucosa covered tissue bit measures

1.8x0.5x0.3cm. Entire specimen submitted in cassette E.

Specimen VI labelled as "Additional right inferior mucosal margin", consists of mucosa covered tissue bit

measures 2.6x0.3x0.3cm. Entire specimen submitted in cassette F.

Specimen VII labelled as "Additional right posterior mucosal margin", consists of mucosa covered tissue bit

measures 1.2x0.5x0.5cm. Entire specimen submitted in cassette G.

Specimen VIII labelled as "Left anterior mucosal margin", consists of 2 mucosa covered tissue bits in aggregate

measures 1.5x0.5x0.9cm. Entire specimen submitted in cassette H.

Specimen IX labelled as "Additional left posterior mucosal margin", consists of mucosa covered tissue bit

measures 0.6x0.4x0.3cm. Entire specimen submitted in cassette J.

Specimen X labelled as "Left deep soft tissue margin", consists of soft tissue measures 1.5x1x0.5cm. Entire

specimen submitted in cassette K.

Specimen XI labelled as "Left inferior mucosal margin", consists of mucosa covered tissue bit measures

1.8x0.5x0.5cm. Entire specimen submitted in cassette L.

Specimen XII labelled as "Left superior mucosal margin", consists of mucosa covered tissue bit measures

1x0.6x0.4cm. Entire specimen submitted in cassette M.

Specimen XIII labelled as "Right Prefacial node", consists of 2 fibrofatty tissue measures 1.2x1.5x0.6cm. 1

lymph node identified. Entire specimen submitted in cassette N.

Specimen XIV labelled as "Right level IB", consists of a fibrofatty tissue measures 6x5x4cms. Cut section shows

salivary gland. 5 lymph nodes identified largest measures 1cms. Representative sections are submitted in P1 - P3

cassettes.

Specimen XV labelled as "Right level IIa, IIb", consists of an fibrofatty tissue measures 3.8x3.4x3cm. 4 lymph

nodes identified largest lymph node measures 1.6cm. Representative sections are submitted Q1 - Q3 cassettes.

Specimen XVI labelled as "Right level III", consists of an fibrofatty tissue measures 4.5x2.8x0.9cm. 3 lymph

nodes identified measures 1cm. Representative sections are submitted as follows:-

R1 - Largest lymph node

R2 - 2 lymph nodes

R3 - Fibrofatty tissue

Specimen XVII labelled as "Right level IV", consists of an fibrofatty tissue measures 4.5x4x1.8cms. 3 lymph

nodes identified largest measures 1.3cm. Representative sections are submitted in S1 - S2 cassettes.

Specimen XVIII labelled as "Left level IB", consists of an fibrofatty tissue measures 6x4.5x2.5cm. 4 lymph

nodes identified. Cut section shows salivary gland. Representative sections are submitted as follows:-

T1 - 1 lymph node

T2 - 3 lymph nodes

T3 - Fibrofatty tissue

T4 - Salivary

Specimen XIX labelled as "Left level IIa", consists of an fibrofatty tissue measures 2.5x2x0.5cm. 3 lymph nodes

identified largest measures 1.8cm. Representative sections are submitted in U1 - U3 cassettes.

Specimen XX labelled as "Left level IIb", consists of an fibrofatty tissue measures 1.5x1.2x0.8cm. Entire

specimen submitted in cassette V.

Specimen XXI labelled as "Left level III", consists of an fibrofatty tissue measures 2.8x2x0.8cm. 2 lymph nodes

identified, largest measures 1.5cms. Representative sections are submitted as follows:-

W1 - Lymphnode

W2 - Fibrofatty tissue

Specimen XXII labelled as "Left level IV", consists of an fibrofatty tissue measures 3.6x3x1cm. 3 lymph nodes

identified. Representative sections are submitted in X1 - X3 cassettes.

**Microscopic Description :**

I: Type of specimen: WLE left lateral border of tongue

Histological type: Squamous cell carcinoma

Differentiation : Moderate

Tumor size: 1.7x1.2x0.6cm

Invasive front: Cohesive

Maximum depth of invasion: 0.5cm

Vascular invasion- present

Nerve invasion - present

Margins: The tumor is 1cm from superior, 0.7cm from inferior, 0.8cm from posterior, 1cm from anterior

mucosal margins; 1.4cm from inferior, 1.2cm from posterior soft tissue margins and 0.8cm from deep inked

margin.

"Left anterior, posterior, inferior and superior mucosal margins" and "left deep soft tissue margin": free of tumor.

Lymph nodes:

T: "Letf level IB": Six lymph nodes and salivary gland, free of tumor.

U: "Left level IIA": Seven lymph nodes, free of tumor.

V: "Left level IIB": One lymph node, free of tumor.

W: "Left level III": One lymph node with metastatic carcinoma.

Size of the lymph node with metastatic deposit - 0.8cm

Perinodal tumor deposit - Absent

Adjacent salivary gland with no significant lesion.

X: "Left level IV": Two lymph nodes, free of tumor.

II: Type of specimen: WLE right lateral border of tongue

Histological type: Squamous cell carcinoma

Differentiation : Moderate - poor

Tumor size: 4.5x3x1.4cm

Invasive front: Cohesive

Maximum depth of invasion: 1.3cm

Vascular invasion- present

Nerve invasion - present

Margins: The tumor is 1cm from anterior, 1.2cm from posterior, 0.6cm from inferior, 1.5cm from superomedial

mucosal margins; 1.5cm from posterior, 1.5cm from inferior soft tissue margins and 0.5cm from deep inked

margin.

"Additional right deep soft tissue", "Right additional anterior, superior, inferior and posterior mucosal margins" -

free of tumor.

Lymph nodes:

N: "Right prefacial node": One lymph node, free of tumor.

P: "Right level IB": Six lymph nodes and salivary gland, free of tumor.

Q: "Right level IIa, IIb": 1/8 lymph nodes with metastatic carcinoma.

Size of the lymph node with metastatic deposit - 1cm

Perinodal tumor deposit - present.

R: "Right level III": 1/4 lymph nodes with metastatic carcinoma.

Size of the lymph node with metastatic deposit - 0.6cm

Perinodal tumor deposit - Absent

S: "Right level IV": Three lymph nodes, free of tumor.

**Diagnosis :**

I: Type of specimen: WLE left lateral border of tongue

Histological type: Squamous cell carcinoma

Differentiation : Moderate

Tumor size: 1.7x1.2x0.6cm

Invasive front: Cohesive

Maximum depth of invasion: 0.5cm

Vascular invasion- present

Nerve invasion - present

Margins: The tumor is 1cm from superior, 0.7cm from inferior, 0.8cm from psoterior, 1cm from anterior

mucosal margins; 1.4cm from inferior, 1.2cm from posterior soft tissue margins and 0.8cm from deep inked

margin.

"Left anterior, posterior, inferior and superior mucosal margins" and "left deep soft tissue margin": free of tumor.

Lymph nodes:

"Left level IB": Six lymph nodes and salivary gland, free of tumor.

"Left level IIA": Seven lymph nodes, free of tumor.

"Left level IIB": One lymph node, free of tumor.

"Left level III": One lymph node with metastatic carcinoma.

Size of the lymph node with metastatic deposit - 0.8cm

Perinodal tumor deposit - Absent

Adjacent salivary gland with no significant lesion.

"Left level IV": Two lymph nodes, free of tumor.

pT1N1

II: Type of specimen: WLE right lateral border of tongue

Histological type: Squamous cell carcinoma

Differentiation : Moderate - poor

Tumor size: 4.5x3x1.4cm

Invasive front: Cohesive

Maximum depth of invasion: 1.3cm

Vascular invasion- present

Nerve invasion - present

Margins: The tumor is 1cm from anterior, 1.2cm from posterior, 0.6cm from inferior, 1.5cm from superomedial

mucosal margins; 1.5cm from posterior, 1.5cm from inferior soft tissue margins and 0.5cm from deep inked

margin.

"Additional right deep soft tissue", "Right additional anterior, superior, inferior and posterior mucosal margins" -

free of tumor.

Lymph nodes:

"Right prefacial node": One lymph node, free of tumor.

"Right level IB": Six lymph nodes and salivary gland, free of tumor.

"Right level IIa, IIb": 1/8 lymph nodes with metastatic carcinoma.

Size of the lymph node with metastatic deposit - 1cm

Perinodal tumor deposit - present.

"Right level III": 1/4 lymph nodes with metastatic carcinoma.

Size of the lymph node with metastatic deposit - 0.6cm

Perinodal tumor deposit - Absent

"Right level IV": Three lymph nodes, free of tumor.

pTNM stage pT3N2b

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| **Date of Admission :**23/03/2015 | **Date of Procedure :**24/03/2015 |

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| **Date of Discharge :**07/04/2015 |

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| **Discharging Status :**FOLLOW UP DISCHARGE SUMMARY |

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| **DIAGNOSIS :** |
| Squamous cell carcinoma of tongue (Bilateral - lateral border) (final HPE awaited) |

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| **PROCEDURE DONE :** |
| Per oral Wide Local Excision (Bilateral lateral border tongue lesion ) + Bilateral Selective neck Dissection (I-IV) + Radial forearm free flap reconstruction + Tracheostomy under GA on 24/03/15. |

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| **HISTORY :** |
| 47 yr old male patient , business man in textile industry , from erode referred by Dr Sriprakash, came with presenting complaints of rt sided tongue lesion since 1 month and another lesion in the left side of oral cavity since 2 weeks h/o pain in the lesion h/o sharp tooth present no comorbidities |

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| **CLINICAL EXAMINATION :** |
| l/e: trismus present rt sided lateral border tongue lesion - 3 x 3 cm ulceroinfiltrative lesion reaching upto the floor of mouth 1cm away from tip and 2cm away from the circumvallate papillae, well away from the midline tongue - movements normal another lesion 1x1 cm erythematous , indurated area seen in the lt side of FOM very close to the medial surface of alveolus OSMF present sharp tooth present |

**INVESTIGATIONS :**

**Haemogram:**

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| **Date:** | **Hb: g/dl** | **PCV: %** | **PLT: ku/ml** | **TC: ku/ml** | **DC: N %** | **L: %** | **E: %** | **ESR: mm/1st hr** |
| 25/03/2015 | 12.1 | 36.0 | 227 | 12.6 | 94.0 | 2.6 | 0.0 | - |
| 26/03/2015 | 10.2 | 29.6 | 226 | 15.1 | 86.6 | 11.7 | 0.254 | - |
| 27/03/2015 | 10.8 | 31.9 | 238 | 11.9 | 71.5 | 22.3 | 0.1 | - |
| 28/03/2015 | 11.3 | 32.7 | 265 | 8.9 | 76.5 | 17.1 | 0.0 | - |
| 31/03/2015 | 9.0 | 26.2 | 316 | 9.7 | 73.2 | 16.1 | 1.8 | - |

**Renal Function Test and Serum Electrolytes:**

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| --- | --- | --- | --- | --- |
| **Date:** | **Urea: mg/dl** | **Creatinine: mg/dl** | **Na+: mEq/L** | **K+: mEq/L** |
| 25/03/2015 | - | - | 132.5 | 3.8 |
| 27/03/2015 | - | - | 132.2 | 4.1 |

Date: 31/03/2015

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| Compatibility test; cross match complete (3 tests) : Compatible | MONO -Blood : 8.6 % |

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| BASO-Blood : 0.3 % | RBC-COUNT-Blood : 2.85 M/uL |

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| MCV-Blood : 92.0 fL | MCH-Blood : 31.3 pg |

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| MCHC-Blood : 34.0 g/dl | RDW-Blood : 13.6 % |

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| MPV-Blood : 6.2 fL |  |

Date: 28/03/2015

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| Troponin I : 0.025 ng/ml | Creatine kinase (CK), MB frac : 19.3 U/L |

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| Creatine kinase (CK), Total-Serum : 642.5 U/L | RBC-COUNT-Blood : 3.56 M/uL |

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| MCV-Blood : 91.6 fL | MCH-Blood : 31.7 pg |

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| MCHC-Blood : 34.6 g/dl | RDW-Blood : 13.1 % |

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| MPV-Blood : 7.4 fL | MONO -Blood : 6.2 % |

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| BASO-Blood : 0.2 % |  |

Date: 27/03/2015

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| Magnesium : 1.7 mg/dl | Troponin I : 0.009 ng/ml |

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| Creatine kinase (CK), Total-Serum : 853.4 U/L | Creatine kinase (CK), MB frac : 56.9 U/L |

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| RBC-COUNT-Blood : 3.43 M/uL | MCV-Blood : 92.9 fL |

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| MCH-Blood : 31.4 pg | MCHC-Blood : 33.7 g/dl |

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| RDW-Blood : 13.4 % | MPV-Blood : 7.4 fL |

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| MONO -Blood : 6.0 % | BASO-Blood : 0.1 % |

Date: 26/03/2015

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| RBC-COUNT-Blood : 3.17 M/uL | MCV-Blood : 93.4 fL |

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| MCH-Blood : 32.0 pg | MCHC-Blood : 34.3 g/dl |

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| RDW-Blood : 13.4 % | MPV-Blood : 8.1 fL |

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| MONO -Blood : 1.45 % | BASO-Blood : 0.00 % |

Date: 25/03/2015

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| Compatibility test; cross match complete (3 tests) : Compatible | RBC-COUNT-Blood : 3.85 M/uL |

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| --- | --- |
| MCV-Blood : 93.5 fL | MCH-Blood : 31.5 pg |

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| --- | --- |
| MCHC-Blood : 33.7 g/dl | RDW-Blood : 13.4 % |

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| --- | --- |
| MPV-Blood : 7.7 fL | MONO -Blood : 3.2 % |

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| BASO-Blood : 0.2 % |  |

Date: 23/03/2015

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| Compatibility test; cross match complete (3 tests) : Compatible | Blood typing; ABO and RhD : B Rh D Positive |

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| Created Date:24/03/2015 Study Done: ULTRASOUND OF ABDOMEN LIVER Measures 14.8 cm, mild fatty. An ill defined subcentimetric hypoechoic area noted calyces to GB fossa and porta ? likely to represent focal fatty sparing. G.B Partially contracted. Few calculi noted within, largest 7 mm. No wall thickening / pericholecystic collection. CBD/PV CBD not dilated. Portal vein ? Patent, hepatopetal flow. SPLEEN Measures 8 cm. No focal lesion seen. PANCREAS Pancreatic head and body appears normal. Pancreatic tail is obscured by bowel gas. KIDNEYS Normal in size, (Right kidney ? 10.4 cm, Left kidney ? 9.5 cm) shape, position and echotexture. Parenchymal thickness measures 13 mm and left kidney 14 mm. Corticomedullary differentiation is preserved. Cortical thickness is normal. Sinus echoes are normal. No hydronephrosis / hydroureter / calculi. BLADDER Partially distended, grossly normal. PROSTATE Appears normal. No free fluid seen. Impression: Mild fatty liver. Cholelithiasis. Service :Histopath-Excision biopsy (small) Date of sample collection :11/03/2015 Received on :11/03/2015 Reported Date :12/03/2015 Histology Lab No :S15-3161 Gross Description : Received in formalin is a specimen labelled as "Biopsy", consists of Single grey white tissue bit measuring 0.8x0.6x0.4cm. Entire specimen submitted in one cassette. Microscopic Description : Sections show mucosa with an infiltrating Moderately differentiated Squamous cell carcinoma. The tumor is seen infiltrating the underlying muscle. Diagnosis : Moderately differentiated Squamous cell carcinoma, biopsy, left side FOM lesion. (K/C/o WDSCC) |

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| **COURSE IN THE HOSPITAL AND DISCUSSION :** |
| He was admitted and his case was discussed in Tumour Board and was posted for surgery and Per oral Wide Local Excision (Bilateral lateral border tongue lesion ) + Bilateral Selective neck Dissection (I-IV) + Radial forearm free flap reconstruction + Tracheostomy was done under GA on 24/03/15. His post operative period was eventful with the central part of the tongue having necrosis which was later debrided under GA on POD - 5 Otherwise his postoperative period was uneventful. He was weaned of RT feeding and fit for discharge At discharge - afebrile , vitals stable , flap good |

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| **OPERATIVE FINDINGS :** |
| Diagnosis: Squamous cell carcinoma of tongue (Bilateral - lateral border) Surgery:Per oral Wide Local Excision (Bilateral lateral border tongue lesion ) + Bilateral Selective neck Dissection (I-IV) + Radial forearm free flap reconstruction + Tracheostomy under GA on 24/03/15. Findings: 3 x 2 cm right lateral border tongue lesion extending floor of mouth, tip is free , base tongue free ; Left 2x1 cm lateral border tongue lesion. Right side enlarge lymphnodes in prefacial & level IIA-(largest 2x 2 cm). Procedure: Under GA with nasotracheal intubation. Wide local excision of left lateral border tongue lesion is done with 1 cm margins , 2 cm posterior to tip inferiorly not involving the floor. Wide local excision of right border tongue lesion is done just 1 cm post to tip involving floor in excision. hemostasis achieved. Defect size right - 6x 4.5 cm , left- 4x 3 cm . Left radial forearm flap harvested. Bilateral SND (I-IV) done preserving IJV,SCM,spinal accessory nerve. Flap inset done. Hemostais achieved. Wound closure done in layers. |

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| **PROGNOSIS ON DISCHARGE :** |
| good |

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| **DIET RECOMMENDATIONS :** |
| blend diet orally |

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| **PHYSICAL ACTIVITY :** |
| moderate |

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| **DISCHARGE MEDICATION :** |
| Tab Levoflox 500 mg 1 od x 4 more days and stop Tab Dolo 650 mg 1-1-1 x 5 days Tab Pan 40 mg 1-0-0 x 5 days Chlorhexidine mouth wash 1-1-1 and sos Syp looz 15 ml HS if constipation Tab Zolpidem 10 mg `1 HS x 10 days Tab A to Z 1 od x 15 days Prosure protein powder 6 scoops/ day saline nasal drops 2-2-2-2 x 10 days |

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| **PLAN ON DISCHARGE :** |
| awaiting the final HPE report |

**Tumour Board- HPE Discussion**

**Date of tumor board discussion :** 22/04/2015

**Comments:**

Diagnosis :

I: Type of specimen: WLE left lateral border of tongue Histological type: Squamous cell carcinoma

Differentiation : Moderate Tumor size: 1.7x1.2x0.6cm Invasive front: Cohesive Maximum depth of invasion:

0.5cm Vascular invasion- present Nerve invasion - present Margins: The tumor is 1cm from superior, 0.7cm

from inferior, 0.8cm from psoterior, 1cm from anterior mucosal margins; 1.4cm from inferior, 1.2cm from

posterior soft tissue margins and 0.8cm from deep inked margin. "Left anterior, posterior, inferior and superior

mucosal margins" and "left deep soft tissue margin": free of tumor. Lymph nodes: "Left level IB": Six lymph

nodes and salivary gland, free of tumor. "Left level IIA": Seven lymph nodes, free of tumor. "Left level IIB":

One lymph node, free of tumor. "Left level III": One lymph node with metastatic carcinoma. Size of the lymph

node with metastatic deposit - 0.8cm Perinodal tumor deposit - Absent Adjacent salivary gland with no

significant lesion. "Left level IV": Two lymph nodes, free of tumor.

pT1N1

II: Type of specimen: WLE right lateral border of tongue Histological type: Squamous cell carcinoma

Differentiation : Moderate - poor Tumor size: 4.5x3x1.4cm Invasive front: Cohesive Maximum depth of

invasion: 1.3cm Vascular invasion- present Nerve invasion - present Margins: The tumor is 1cm from anterior,

1.2cm from posterior, 0.6cm from inferior, 1.5cm from superomedial mucosal margins; 1.5cm from posterior,

1.5cm from inferior soft tissue margins and 0.5cm from deep inked margin. "Additional right deep soft tissue",

"Right additional anterior, superior, inferior and posterior mucosal margins" - free of tumor. Lymph nodes:

"Right prefacial node": One lymph node, free of tumor. "Right level IB": Six lymph nodes and salivary gland,

free of tumor. "Right level IIa, IIb": 1/8 lymph nodes with metastatic carcinoma. Size of the lymph node with

metastatic deposit - 1cm Perinodal tumor deposit - present. "Right level III": 1/4 lymph nodes with metastatic

carcinoma. Size of the lymph node with metastatic deposit - 0.6cm Perinodal tumor deposit - Absent "Right level

IV": Three lymph nodes, free of tumor.

pTNM stage pT3N2b

**Agreed Plan of management :**

Adjuvant CTRT

Patient is planning to take it in coimbatore

so referral letter is given

**Recommendations :**

The patient had a peculiar disease - synchronous two different sites with bilateral nodal disease

**Progress Notes**

**Date : 16/03/2015**

**ProgressNotes :**

Patient reviewed, Planned for surgery a week later.

Biopsy Left FOM: Moderately differentiated Squamous cell carcinoma lesion.

Adv-

WLE of both Lesions on either side of tongue

Advised Dental consultation for teeth extraction, if possible

**Progress Notes**

**Date : 20/04/2015**

**ProgressNotes :**

I: Type of specimen: WLE left lateral border of tongue Histological type: Squamous cell carcinoma

Differentiation : Moderate Tumor size: 1.7x1.2x0.6cm Invasive front: Cohesive Maximum depth of invasion:

0.5cm Vascular invasion- present Nerve invasion - present Margins: The tumor is 1cm from superior, 0.7cm

from inferior, 0.8cm from psoterior, 1cm from anterior mucosal margins; 1.4cm from inferior, 1.2cm from

posterior soft tissue margins and 0.8cm from deep inked margin. "Left anterior, posterior, inferior and superior

mucosal margins" and "left deep soft tissue margin": free of tumor.

Lymph nodes: pT1N1

II: Type of specimen: WLE right lateral border of tongue Histological type: Squamous cell carcinoma

Differentiation : Moderate - poor Tumor size: 4.5x3x1.4cm Invasive front: Cohesive Maximum depth of

invasion: 1.3cm Vascular invasion- present Nerve invasion - present Margins: The tumor is 1cm from anterior,

1.2cm from posterior, 0.6cm from inferior, 1.5cm from superomedial mucosal margins; 1.5cm from posterior,

1.5cm from inferior soft tissue margins and 0.5cm from deep inked margin. "Additional right deep soft tissue",

"Right additional anterior, superior, inferior and posterior mucosal margins" - free of tumor.

Lymph nodes: Perinodal tumor deposit - present.pT3N2b

Plan chemo RT

adv

Plermin oint for LA

Counselled regarding starting RT and chemo

Use Mouth opener