

EQA 017 for Nov 2019 TSL workshops

Final analysis of responses received
with Diagnoses

CASE 1: 62 year old Male with polyp from the pylorus

CONSULTANTS

Hamartomatous polyp	1
Brunner's gland polyp/adenoma	1
Non neoplastic polyp	1
Signet ring cell carcinoma on a background of Pyloric gland adenoma	1

RESIDENTS

Hyperplastic polyp (with intestinal metaplasia and mild dysplasia)	3
Pyloric gland adenoma	2
Brunner gland nodule/choristoma	2
Hamartomatous polyp	1
No response	1

DIAGNOSIS: Brunner's gland hamartoma 13

CASE 2: 60 year old M, large red indurated plaque on left groin

CONSULTANTS

Merkel cell carcinoma 1

Squamous cell carcinoma 1

Squamous cell carcinoma in-situ, minimal invasion DD: verrucous carcinoma 1

Metastatic adenocarcinoma most probably from lung carcinoma 1

RESIDENTS

Squamous cell carcinoma (invasive, metastatic) 3

Metastatic signet ring cell carcinoma (probably gastric) 2

Verrucae vulgaris 1

Basosquamous carcinoma 1

Metastatic gastric squamous carcinoma 1

No response 1

DIAGNOSIS: Extramammary Paget's 13

CASE 3: 75 year old F, endometrial curretings

CONSULTANTS

Metastatic adenocarcinoma (most likely from the intestine, colon)	3
Invasive squamous cell carcinoma	1

RESIDENTS

Metastatic adenocarcinoma (most likely from the intestine, colon)	7
Adenosarcoma	1
Intestinal type endometrial carcinoma	1

DIAGNOSIS: Metastatic adenocarcinoma from colon 13

CASE 4: 30 year old F, low grade dyskaryosis on smear

CONSULTANTS

High grade squamous intraepithelial lesion (HSIL)	2
CIN 2	1
CIN III	1

RESIDENTS

High grade squamous intraepithelial lesion (HSIL)	5
Carcinoma in-situ (CIN III)	2
Squamous cell carcinoma (invasive)	1
Reactive atypia	1

DIAGNOSIS: CIN1 at worst 13

CASE 5: 62 year old M, CT shows lung mass, ex-smoker

CONSULTANTS

Squamous cell carcinoma (invasive poorly differentiated)

4

RESIDENTS

Squamous cell carcinoma

7

Biphasic mesothelioma

1

Carcinosarcoma

1

DIAGNOSIS: Squamous (non-small) cell carcinoma

13

CASE 6: 40 year old M, excision lesion left arm

CONSULTANTS

Spiradenoma (eccrine)

2

Apocrine tubular adenoma

1

Benign skin adnexal tumour

1

RESIDENTS

Spiradenoma (eccrine)

4

Benign skin adnexal tumour

1

Vascular lesion (retiform haemangioendothelioma)

1

Chondroid syringoma

1

Cylindroma

1

No response

1

DIAGNOSIS: Eccrine Spiradenoma

13

CASE 7: Skin lesion, 57 years old F	
CONSULTANTS	
Superficial basal cell carcinoma	2
Benign cystic (mature) teratoma	2
RESIDENTS	
Mature teratoma	2
Choristoma	2
No response	2
Molluscum contagiosum	1
Chondroid syringoma	1
Benign skin adnexal tumour with osseous metaplasia	1
DIAGNOSIS: Basal cell carcinoma and Molluscum contagiosum	13

CASE 8: Multiple scrotal cysts in a young man

CONSULTANTS

Idiopathic calcinosis (with chronic granulomatous inflammation)	2
Hydrocele with calcinosis cutis	1
Hydrocele	1

RESIDENTS

Calcinosis cutis (scrotal cyst with calcinosis, idiopathic calcinosis)	7
Hydrocele	1
Adenomatoid tumour	1

DIAGNOSIS: Scrotal calcinosis

13

CASE 9: Ovarian cyst in a 58 year old

CONSULTANTS

Serous (benign) cystadenofibroma/adenofibroma

4

RESIDENTS

Serous (benign) cystadenofibroma/adenofibroma

6

Serous cystadenoma (of ovary)

2

No response

1

DIAGNOSIS: Benign serous cystadenofibroma

13

CASE 10: 26 year old M with cyst on the right side of the nose

CONSULTANTS

Chondroid syringoma (benign mixed tumour) 3

Pleomorphic adenoma 1

RESIDENTS

Chondroid syringoma 4

Mucoepidermoid carcinoma 2

Pleomorphic adenoma (benign mixed tumour of skin) 2

Adnexal tumour 1

DIAGNOSIS: Chondroid syringoma 13

CASE 11: FNA right breast U2 lesion, female 53 yrs	1
CONSULTANTS	
Malignant smear	2
C2	1
C3 (Atypical/indeterminate)	1
RESIDENTS	
C3; atypical probably benign/papillary lesion	2
Inflammatory smear	1
Suspicious for malignancy	1
No response	1
Malignant	1
C5; malignant (adenocarcinoma)	1
Benign smear	1
DIAGNOSIS: Benign/Fibroadenoma C2	13

CASE 12: FNA right axilla indeterminate lymph node with thickened cortex, female 51 yrs

CONSULTANTS

C5; malignant (metastasis ? From breast)

4

RESIDENTS

Malignant smear (metastatic carcinoma)

6

No response

2

Benign smear

1

DIAGNOSIS: Metastatic lobular carcinoma

13

CASE 13: FNA right breast, previous mastectomy. Female 55yrs

CONSULTANTS

C5; malignant smear

3

C1 (non-diagnostic) - suggestive of fat necrosis

1

RESIDENTS

No response

3

Benign (C2)

2

Fat necrosis

1

Inflammatory smear

1

Suspicious for malignancy

1

Malignant smear

1

DIAGNOSIS: Fat necrosis C2

13

CASE 14: FNA left neck, palpable nodule on skin, history of breast cancer. Female 95yrs

CONSULTANTS

Granulomatous inflammation (inflammatory smear)	2
Positive for malignancy	1
Suspicious of malignancy	1

RESIDENTS

No response	4
Inflammatory smear (C2, chronic granulomatous)	3
Suspicious	1
Malignant with spindle cell differentiation	1

DIAGNOSIS: Granulomatous inflammation, no malignant cells, C2 13

CASE 15: Right breast FNA, inspissated cyst U2, female 44 yrs

CONSULTANTS

C2; benign smear (fibrocystic change - apocrine changes) 2

C4; suspicious for malignancy 1

Malignant smear 1

RESIDENTS

No response 4

Benign smear (C2, ? Apocrine metaplasia) 2

C5; malignant 2

Malignant 1

DIAGNOSIS: Papillary neoplasm C3 13

CASE 16: Female 72 yrs, FNA left breast lump

CONSULTANTS

C5; malignant

3

Benign smear

1

RESIDENTS

No response

5

C5; malignant

2

C2; Benign

1

Suspicious for malignancy

1

DIAGNOSIS: Breast carcinoma C5

13

CASE 17: Left pleural fluid, female 66 yrs	
CONSULTANTS	
Metastatic adenocarcinoma (from breast)	2
Adenocarcinoma	1
Malignant smear	1
RESIDENTS	
No response	5
Mesothelioma	2
Metastatic adenocarcinoma (from breast)	1
Malignant (likely pulmonary adenocarcinoma with pleural involvement)	1
DIAGNOSIS: Breast carcinoma metastasis	13

CASE 18: FNA right parotid lump, female 18 yrs

CONSULTANTS

Pleomorphic adenoma

3

Benign smear

1

RESIDENTS

No response

5

Pleomorphic adenoma

2

Benign smear (PA)

2

DIAGNOSIS: Pleomorphic adenoma

13

CASE 19: FNA right parotid tail hypoechoic 1 cm lesion. Female 66 yrs

CONSULTANTS

Benign ? Oncocytoma

2

Non-diagnostic, normal salivary acinar and ductal cells

1

Inflammatory smear

1

RESIDENTS

No response

6

Malignant (mucoepidermoid carcinoma)

2

Insufficient

1

DIAGNOSIS: Warthin's tumour

13

CASE 20: FNA, recurrent right parotid tumour, 68 yr old F. Previous surgery 2014

CONSULTANTS

No response

1

Benign salivary gland neoplasm (oncocytoma, myoepithelioma)

1

Benign smear

1

Malignant smear

1

RESIDENTS

No response

5

Benign smear (oncocytoma)

4

DIAGNOSIS: Oncocytic tumour of parotid gland

13

CASE 21: Male 28 yrs. FNA right neck lymph node/cystic lesion - ?TB, ? branchial cyst, exclude malignant cells

CONSULTANTS

Inflammatory smear (negative for malignancy, chronic granulomatous inflammation) 3

No malignant cells seen (consistent with branchial cyst) 1

RESIDENTS

No response 6

Benign 2

Inflammatory smear 1

DIAGNOSIS: Lymphoepithelial cyst R/O cystic metastatic well differentiated SCC. Cannot exclude low-grade lymphoma

CASE 22: FNA thyroid U2/3 nodule right lobe/isthmus junction. Female 42

CONSULTANTS

Benign smear 3

Benign follicular nodule 1

RESIDENTS

No response 5

Benign smear 3

Bethesda category V; suspicious for malignancy 1

DIAGNOSIS: THY3F 13

CASE 23: Left thyroid nodule FNA U2/U3, Female 83 yrs

CONSULTANTS

Benign smear (lymphocytic/Hashimoto) 3

Suspicious for papillary neoplasm 1

RESIDENTS

No response 5

Bethesda category VI; malignant (papillary thyroid carcinoma) 3

Benign smear 1

DIAGNOSIS: THY2 13

CASE 24: FNA suspicious nodule U3/U4 in right thyroid lobe. Female 67 yrs

CONSULTANTS

Malignant (PTC) 4

RESIDENTS

No response 5

Malignant 2

Papillary neoplasm, suspicious for malignancy 1

Bethesda IV; follicular neoplasm (oncocytic/Hurthle cell type) 1

DIAGNOSIS: THY5 papillary carcinoma 13

CASE 25: FNA U4 nodule left lobe of thyroid, male 56 yrs

CONSULTANTS

Malignant

3

Hurthle cell adenoma DD. Medullary carcinoma

1

RESIDENTS

No response

5

Malignant

2

Suspicious for medullary neoplasm

1

Bethesda V; suspicious for malignancy

1

DIAGNOSIS: THY5 papillary carcinoma

13

Participants

CONSULTANTS

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RESIDENTS

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