

Yorkshire General Histopathology EQA

Case Response Analysis

Circulation: X

Case number: 500

Number of responses: 81

Date: 4 MAY 12

Clinical: Female, aged 65 TAH and BSO for G1 endometrioid adenocarcinoma. Tumour positive with inhibin, vimentin, CD56 and SMA. Negative with desmin, CD10 and epithelial markers

Specimen: Ovary

Macro: The left ovary measures 20 x 25 x 13mm and contains a tan firm well circumscribed nodule on the surface measuring 12mm in maximum dimension

Diagnostic categories:

Score:

1	Granulosa cell tumour	1.17
2	Fibro thecoma	2.90
3	Thecoma	3.25
4	Luteinised cellular fibrothecoma	0.43
5	Steroid cell tumour NOS	0.63
6	Mitotically active cellular fibroma	0.19
7	Unclaimed exemption (135)	0.12
8	Malignant sex cord stromal tumour ?Leydig cell	0.14
9	Sex cord stromal tumour	1.17

Highest scoring diagnosis was 3 with 3.25

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Not a good case for EQA

Original report and further information (if any):

Luteinized ovarian sex cord stromal tumour

Circulation: X

Case number: 501

Number of responses: 84

Date: 4 MAY 12

Clinical: Female, aged 52 Skin right ankle - ?BMN

Specimen: Skin

Macro: Punch biopsy, skin 3 x 3 x 6mm with an unevenly pigmented central grey lesion 2mm in size.

Diagnostic categories:

Score:

1	Blue naevus	9.58
2	Dermatofibroma	0.06
3	Benign intradermal naevus	0.24
4	Desmoplastic melanoma	0.12

Highest scoring diagnosis was 1 with 9.58

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Blue Nevus

Yorkshire General Histopathology EQA

Case Response Analysis

Circulation: X

Case number: 502

Number of responses: 82

Date: 4 MAY 12

Clinical: Female, aged 92 Anal polyp

Specimen: Anal polyp

Macro: Polypoid mucosa 2.5 x 1 x 1cm

Diagnostic categories:

Score:

1	Inflammatory cloacogenic polyp	4.88
2	Mucosal prolapse	1.83
3	Inflammatory cloacogenic polyp (mucosal prolapse)	1.59
4	Benign regenerative polyp/inflammatory cap polyp	0.12
5	Hyperplastic polyp	0.24
6	Inflammatory cap polyp + mucosal prolapse	0.73
7	Inflammatory fibroid poly	0.12
8	Ulcerated hyperplastic polyp (SLUS)	0.12
9	Solitary rectal ulcer	0.37

Highest scoring diagnosis was 1 with 4.88

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Inflammatory cloacogenic polyp

Circulation: X

Case number: 503

Number of responses: 80

Date: 4 MAY 12

Clinical: Male, aged 49 Midline cyst from neck.

Specimen: Midline cyst excised from neck

Macro: Piece of bone 12 x 9 x 5mm with an attached collapsed cyst 45 x 25 x 10mm

Diagnostic categories:

Score:

1	Thyroglossal cyst	9.50
2	Thyroglossal cyst with granulomatous reaction to leak	0.13
3	Branchial cyst	0.38

Highest scoring diagnosis was 1 with 9.50

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Thyroglossal cyst

Yorkshire General Histopathology EQA

Case Response Analysis

Circulation: X

Case number: 504

Number of responses: 74

Date: 4 MAY 12

Clinical: Female, aged 55 Mobile lump in right breast's upper outer quadrant, 6cm in diameter, confirmed on mammography and ultrasound

Specimen: Lumpectomy from right breast

Macro: Orientated lumpectomy of breast, 93g, measuring 7 x 4 x 4cm, containing a multilobulated nodule, 6cm in its maximum dimension, with a white whorled appearance associated with some haemorrhage.

Diagnostic categories:

Score:

1	Phyllodes tumour benign +/- ALH	1.35
2	Phyllodes tumour probably borderline	1.22
3	Borderline Phyllodes and lobular neoplasia	1.22
4	Phyllodes tumour	3.92
5	Lo G (benign) PT with changes of lobular neoplasia	0.14
6	Low grade Phyllodes tumour	0.27
7	Malignant Phyllodes +/- lobular neoplasia	1.62
8	Phyllodes tumour (?plus ALH)	0.27

1.35
1.22
1.22
3.92
0.14
0.27
1.62
0.27

Highest scoring diagnosis was 4 with 3.92

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Borderline phyllodes tumour

Circulation: X

Case number: 505

Number of responses: 74

Date: 4 MAY 12

Clinical: Male, aged 23 ?Tumour ?Inflammatory

Specimen: Testis

Macro: Testis measuring 60 x 45 x 28mm including spermatic cord measuring 40 x 10mm. Cut surface revealed a soft brown necrotic tumour 45 x 35 x 20mm with well defined margins. Tumour shows areas of haemorrhage and cystic degeneration.

Diagnostic categories:

Score:

1	Embryonal carcinoma (MTU)	1.89
2	Malignant teratoma with EC and YS elements	2.16
3	MTU with YS elements +- trophoblastic elements	2.03
4	MTU with trophoblastic elements	0.27
5	MTI	0.27
6	MTU +/- Choriocarcinoma	0.54
7	MTT with ITGCN	0.27
8	Non seminomatous germ cell T (YS, EC & chorioca.)	0.54
9	Mixed germ cell T with EC and YS tumour +/- seminom	1.08
10	Mixed non seminomatous germ cell tumour	0.95

1.89
2.16
2.03
0.27
0.27
0.54
0.27
0.54
1.08
0.95

Highest scoring diagnosis was 2 with 2.16

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Malignant teratoma undifferentiated

Yorkshire General Histopathology EQA

Case Response Analysis

Circulation: X

Case number: 506

Number of responses: 74

Date: 4 MAY 12

Clinical: Female, aged 52 Spontaneous haemorrhage into right kidney. Fat noted on pre-op CT. Tumour positive for MELAN-A, negative for HMB45.

Specimen: Right renal tumour

Macro: 42mm cauliflower-like tumour in upper pole of right kidney, ruptured at superior aspect.

Diagnostic categories:

Score:

- 1 Angiomyolipoma
- 2 Angiolipoma

9.86
0.14

Highest scoring diagnosis was 1 with 9.86

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Angiomyolipoma

Circulation: X

Case number: 507

Number of responses: 82

Date: 4 MAY 12

Clinical: Female, aged 63. Prolapse

Specimen: Uterine fibroid

Macro: Uterus and cervix 80 x 40 x 70mm. On slicing there is a large intramural fibroid 45 x 40 x 40mm which is well circumscribed and yellowish in colour.

Diagnostic categories:

Score:

- 1 Myolipoma
- 2 Lipo-leiomyma
- 3 Leiomyoma with fatty change
- 4 Unclaimed exemption (135)
- 5 Unclaimed exemption (226)

0.12
9.51
0.12
0.12
0.12

Highest scoring diagnosis was 2 with 9.51

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Lipoleiomyoma

Yorkshire General Histopathology EQA

Case Response Analysis

Circulation: X

Case number: 508

Number of responses: 85

Date: 4 MAY 12

Clinical: Female, aged 79. Excision biopsy left lower leg. BCC. Positive with actin, desmin. Negative with S100, ER, PR, WT1.

Specimen: Skin

Macro: Elliptical piece of skin 24 x 14 x 6mm with a central well defined smooth pale lesion 8 x 7 x 3mm.

Diagnostic categories:

Score:

1	Leiomyosarcoma	9.18
2	Cellular fibrous histiocytoma	0.12
3	Leiomyoma	0.59
4	Symplastic leiomyoma (piloleomyoma)	0.12

Highest scoring diagnosis was 1 with 9.18

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Well differentiated leiomyosarcoma

Circulation: X

Case number: 509

Number of responses: 85

Date: 4 MAY 12

Clinical: Male, aged 72 Papillomatous lesion in right gluteal region. Immunohistochemical profile - AE/AE3+, CK20+, CD56+, CK7-, S100-, HMB45-, CD45-. Proliferative index of 70% on Ki67.

Specimen: Skin excision biopsy

Macro: Skin ellipse, 9cm long x 4cm wide, with subcutis 2cm thick, which contains a lobulated nodular lesion, 5cm in maximum dimension

Diagnostic categories:

Score:

1	Merckle cell tumour	8.15
2	Neuroendocrine tumour	0.36
3	Neuroendocrine carcinoma (Merckle cell carcinoma)	1.29
4	Small cell carcinoma	0.19

Highest scoring diagnosis was 1 with 8.15

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Exclude metastatic small cell carcinoma

Original report and further information (if any):

Merkel cell carcinoma