

Yorkshire General Histopathology EQA Scheme

Case Response Analysis

Circulation: Y

Case number: 600

Number of responses: 70

Date: 30 NOV 12

Clinical: Male, aged 34 Previous right empyema. Central right lung cancer

Specimen: Right Pneumonectomy

Macro: Right lung containing an ill-defined tumour 120 x 120 x 100m occupying most of the lower lobe. The tumour has a mucoid cut surface. The overlying pleura is thick and fibrous.

Diagnostic categories:

Score:

1	Bronchiolo-alveolar carcinoma	1.94
2	Mucinous adenocarcinoma	1.67
3	Well differentiated mucinous adenocarcinoma, lepidic	1.00
4	Mucinous adenocarcinoma, bronchiolo-alveolar	1.00
5	Bronchiolo-alveolar carcinoma, mucinous type	2.43
6	Mucin secreting adenocarcinoma , lepidic pattern	0.71
7	Lepidic adenocarcinoma (formally bronchoalveolar)	0.14
8	Metastatic adenocarcinoma	0.10
9	Adenocarcinoma	0.43
10	Bronchioloalveolar ca./adenocarcinoma, lepidic	0.43

Highest scoring diagnosis was 5 with 2.43

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Well differentiated mucinous adenocarcinoma (mucinous bronchioalveolar carcinoma)

Circulation: Y

Case number: 601

Number of responses: 80

Date: 30 NOV 12

Clinical: Female, aged 49 Jelly-like lesion - left temple

Specimen: Skin

Macro: Elliptical piece of skin 15 x 9 x 8mm with a central pale, smooth lesion 9 x 7 x 3mm

Diagnostic categories:

Score:

1	Cylindroma	9.88
2	Eccrine spiradenoma	0.13

Highest scoring diagnosis was 1 with 9.88

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Cylindroma

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Case Response Analysis

Circulation: Y

Case number: 602

Number of responses: 69

Date: 30 NOV 12

Clinical: Male, aged 70 AVR and CABG today Findings: Anterior mediastinal mass closely applied to anterior surface of right ventricle.

Specimen: Anterior Mediastinal Mass

Macro: Firm dark tissue partly enclosed by adipose tissue, overall 25 x 15 x 12mm. The cut surface is firm and haemorrhagic.

Diagnostic categories:

Score:

1	Haemangioma	4.78
2	Cavernous haemangioma	4.93
3	Benign angioma or angiomyoma	0.14
4	Angiolipoma	0.14

Highest scoring diagnosis was 2 with 4.93

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Cavernous Haemangioma

Circulation: Y

Case number: 603

Number of responses: 78

Date: 30 NOV 12

Clinical: Male, aged 59
Previous history of colitis and known to have multiple sigmoid colonic polyps. Clinical differentials ?sequential Crohn's disease with pseudopolyposis ?diverticular disease.

Specimen: Sigmoid colectomy

Macro: A segment of sigmoid colon showing multiple polypoid mucosal excrescences, the largest 3.5cm in maximum dimension, which on sectioning show a conspicuous mucoid component. The smaller mucosal polyps have a "worm like" appearance. The background mucosa showed diverticular disease. The slide is a representative section from the largest polypoid excrescence.

Diagnostic categories:

Score:

1	Colitis cystica profundis	4.27
2	Tubulo-villous adenoma with entrapment	0.77
3	Peutz-Jeghers polyp	1.56
4	Benign polyp with entrapment, ambiguous type	0.26
5	Tubulo-villous adenoma; LGD and pseudoinvasion	0.90
6	Serrated lesion with pseudoinvasion	0.49
7	Adenocarcinoma	0.38
8	Colitis cystica profundis with Peutz-Jeghers features	0.26
9	Benign polyp with pseudoinvasion	0.45
10	Hyperplastic polyp with localised colitis cystica prof.	0.67

Highest scoring diagnosis was 1 with 4.27

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Poor section ?serrated element.

Disgracefully bad section

Original report and further information (if any):

Colitis cystica profunda

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Case Response Analysis

Circulation: Y

Case number: 604

Number of responses: 71

Date: 30 NOV 12

Clinical: Female, aged 49 Mastectomy

Specimen: Left mastectomy

Macro: Circumscribed hard mass 12mm at 2 o'clock.

Diagnostic categories:

Score:

1	Mucinous adenocarcinoma	1.13
2	Mucinous adenocarcinoma and DCIS	0.14
3	Mucinous carcinoma of the breast	1.27
4	Invasive mucinous carcinoma and DCIS	0.28
5	Mucinous carcinoma	5.92
6	Invasive mucinous carcinoma	0.70
7	Mucinous carcinoma and DCIS	0.28
8	Mucoid carcinoma	0.14
9	Colloid carcinoma	0.14

Highest scoring diagnosis was 5 with 5.92

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Invasive mucinous carcinoma

Circulation: Y

Case number: 605

Number of responses: 74

Date: 30 NOV 12

Clinical: Male, aged 31 Solitary nodule, left thyroid (FNA THY3). Left total lobectomy done.

Specimen: Left thyroid lobectomy

Macro: Left thyroid lobectomy, on slicing there is a well circumscribed solid nodular lesion, light brown and fleshy.

Diagnostic categories:

Score:

1	Follicular adenoma	3.11
2	Hurthle cell adenoma	4.19
3	Follicular adenoma, Hurthle cell-type	2.70

Highest scoring diagnosis was 2 with 4.19

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Some oncocytic features

Original report and further information (if any):

Follicular Adenoma

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Case Response Analysis

Circulation: Y

Case number: 606

Number of responses: 76

Date: 30 NOV 12

Clinical: Female, aged 39. Mixed signal mass right parotid, 6 month history of slow growing tender mobile mass ? PSA ? Warthins ?malignant

Specimen: Right Parotid Gland

Macro: A parotidectomy specimen within which is a solid, white, nodular tumour, 20mm in maximum dimension.

Diagnostic categories:

Score:

1	Muco-epidermoid carcinoma	8.03
2	Invasive carcinoma, muco-epidermoid type	0.13
3	Low grade muco-epidermoid carcinoma	1.71
4	Muco-epidermoid ca., ex. pleomorphic adenoma	0.13

Highest scoring diagnosis was 1 with 8.03

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Mucoepidermoid carcinoma

Circulation: Y

Case number: 607

Number of responses: 71

Date: 30 NOV 12

Clinical: Male, aged 70 Inguino-scrotal lipoma. USS diagnosis of presumed epididymal cyst.

Specimen: Soft tissue from inguino-scrotal area

Macro: Two irregular fatty pieces, the larger a fatty mass 70 x 50 x 40mm with a smooth outer capsule. Both pieces on slicing appear uniformly fatty throughout.

Diagnostic categories:

Score:

1	Well differentiated liposarcoma	5.49
2	Atypical lipomatous tumour	1.27
3	Atypical lipomatous tumour/well diff liposarcoma	0.28
4	Well differentiated lipoma-like liposarcoma	0.42
5	Lipoma-like liposarcoma (atypical lipomatous tumour)	0.14
6	Low grade liposarcoma	0.28
7	Well diff adipocytic liposarcoma (syn. atypical lipoma)	0.56
8	Liposarcoma	1.27
9	Well diff adipocytic liposarcoma	0.14
10	Atypical lipoma	0.14

Highest scoring diagnosis was 1 with 5.49

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Well differentiated liposarcoma

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Case Response Analysis

Circulation: Y

Case number: 608

Number of responses: 75

Date: 30 NOV 12

Clinical: Male, aged 40. Lump on foot.

Specimen: Soft Tissue

Macro: Firm, fibrous lump measuring 15 x 12 x 8mm.

Diagnostic categories:

Score:

1	Angioleiomyoma	6.40
2	Vascular leiomyoma	0.67
3	Angiomyoma	1.60
4	Arterio-venous haemangioma	0.53
5	Vascular leiomyoma (angioleiomyoma)	0.13
6	Myopericytoma	0.13
7	Angiolipoleiomyoma	0.40
8	Arterio-venous malformation	0.13

Highest scoring diagnosis was 1 with 6.40

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Angioleiomyoma

Circulation: Y

Case number: 609

Number of responses: 76

Date: 30 NOV 12

Clinical: Female, aged 32 PAS positive, S100 positive. Cyst right labium.

Specimen: Skin right labia

Macro: Pale, firm, irregular piece 19 x 16 x 11mm.

Diagnostic categories:

Score:

1	Granular cell tumour	9.28
2	Granular cell leiomyoma	0.13
3	Non neural granular cell tumour	0.26
4	Granular cell tumour/myoblastoma	0.13
5	Alveolar soft part sarcoma	0.03
6	Malignant granular cell tumour	0.13
7	Benign mesenchymal tumour with granular cell change	0.04

Highest scoring diagnosis was 1 with 9.28

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Granular Cell Tumour