

Yorkshire General Histopathology EQA Scheme

Case Response Analysis

Circulation: T

Case number: 100

Number of responses: 69

Date: 27 APR 10

Clinical: Category: Gynaecology Female, aged 42 Menorrhagia. Right ovarian cyst removed at hysterectomy.

Specimen: Ovary

Macro: The right ovary appears cystic, with smooth surface and measures 90 x 85 x 65mm, contains clear/ straw coloured fluid and shows a multilocated cyst, containing mucinous material with some apparent solid areas.

Diagnostic categories:

	Score:
1 Benign cystic tumour probable cystic struma ovarii	9.30
2 Serous cystadenoma	0.39
3 Serous/mucinous cystadenoma	0.14
4 Benign cystadenoma	0.01
5 Mature cystic teratoma monodermal	0.14

Highest scoring diagnosis was 1 with 9.30

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Struma Ovarii

Circulation: T

Case number: 101

Number of responses: 66

Date: 27 APR 10

Clinical: Category: Lymphoreticular Female, aged 51 Previous breast surgery, now lumps in axilla.

Specimen: Right Axillary Lymph Nodes

Macro: Five lymphnodes, the largest 3.5 x 2.5 x 1.3cm, the others between 2.2 and 1.6cm diameter, which have pale spongy cut surfaces.

Diagnostic categories:

	Score:
1 Granulomatous reaction, silicone, ruptured prosthesis	9.24
2 Lipophagic granulomas	0.76

Highest scoring diagnosis was 1 with 9.24

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Secondary to lymphangiography

Original report and further information (if any):

Lipogranulomatous reaction to silicone (silicone granuloma).

Yorkshire General Histopathology EQA Scheme

Case Response Analysis

Circulation: T

Case number: 102

Number of responses: 73

Date: 27 APR 10

Clinical: Category: Skin Female, aged 86 CD117, S100, melan-A - positive CD34, EMA, HMB45, desmin - negative

Specimen: Skin Tumour

Macro: Skin Ellipse 4.5 x 3.2cm with surface ulceration and nodule in dermis

Diagnostic categories:

	Score:
1 Malignant melanoma	9.86
2 Atypical fibroxanthoma	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):

Spindle cell melanoma

Circulation: T

Case number: 103

Number of responses: 66

Date: 27 APR 10

Clinical: Category: Urology Male, aged 77. Diagnosis right testicular tumour, operation right inguinal orchidectomy. Right testis and right spermatic cord.

Specimen: Testis

Macro: Orchidectomy specimen comprising the testis with adherent epididymis and tunica vaginalis, overall 5.7 x 4.5 3.0cm with attached spermatic cord 6.5cm. On section, the testis shows two firm beige tumours at inferior and superior poles of the testis measuring 2.3 and 1.5cm. The tumours have discrete margins.

Diagnostic categories:

	Score:
1 Spermatocytic seminoma	6.20
2 Malignant lymphoma +/- needs immunos	1.91
3 Seminoma	0.91
4 Seminoma with ITGCN	0.45
5 Lymphoma/spermatocytic seminoma	0.15
6 Haematological malignancy	0.12
7 Metastatic tumour (melanoma)/carcinoma	0.09
8 Germ cell tumour, need immunotyping	0.17

Highest scoring diagnosis was 1 with 6.20 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Lymphoma (diffuse large B cell confirmed at HMDS)

Yorkshire General Histopathology EQA Scheme

Case Response Analysis

Circulation: T

Case number: 104

Number of responses: 72

Date: 27 APR 10

Clinical: Category: Skin Male, aged 84 Tumour positive with AE1/AE2, CAM5.2, CK20, CD56 and chromogranin, CK7, LCA and TTF1 negative

Specimen: Skin

Macro: Skin ellipse measuring 17mm

Diagnostic categories:

	Score:
1 Merkel cell carcinoma	9.58
2 Neuroendocrine carcinoma of the skin	0.42

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):

Merkle Cell Carcinoma

Circulation: T

Case number: 105

Number of responses: 68

Date: 27 APR 10

Clinical: Category: GI Female, aged 69 CT diagnosed tumour in body of pancreas.

Specimen: Distal Pancreatectomy and Splenectomy

Macro: Body and tail of pancreas containing a multilocated cystic lesion 5.5 x 4.5 x 3.5cm

Diagnostic categories:

	Score:
1 Serous cystadenoma	2.65
2 Microcystic adenoma	2.06
3 Serous microcystic adenoma, benign	4.97
4 Cystadenoma	0.29
5 Other variants of benign cystic neoplasm eg VHL	0.03

Highest scoring diagnosis was 3 with 4.97

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Microcystic cystadenoma (serous cystadenoma) of pancreas.

Yorkshire General Histopathology EQA Scheme

Case Response Analysis

Circulation: T

Case number: 106

Number of responses: 72

Date: 27 APR 10

Clinical: Category: Skin Female, aged 70 Ulcer floor of ear canal

Specimen: Skin

Macro: Ellipse of tissue measuring 12mm

Diagnostic categories:

	Score:
1 Syringocystadenoma papilliferum	7.21
2 Syringocystadenoma papilf with ?squamous atypia	0.42
3 Warty dyskeratoma	0.14
4 Squamous eccrine ductal carcinoma	0.14
5 Syringocystadenoma/ceruminoma	0.14
6 Syrcy pap with squamous cell carcinoma	0.69
7 Syrcy pap, actinic keratosis, early SCC	0.14
8 Invasivesquamouscarcinoma, verrucous/ nevseb/wart	0.83
9 Ceruminoma/ceruminous apocrine adenoma	0.28
10 Other benign skin adnexal tumours	0.01

Highest scoring diagnosis was 1 with 7.21

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

2 diagnosis cases never work

Original report and further information (if any):

Syringocystadenoma papilliferum

Circulation: T

Case number: 107

Number of responses: 68

Date: 27 APR 10

Clinical: Category: Urology Female, aged 40. 6cm lower pole renal tumour. Looks like RCC on CT scan.

Specimen: Right Kidney

Macro: Kidney with cystic mass in lower pole 5.5cm max. No obvious invasion of renal capsule, pelvis or renal vein.

Diagnostic categories:

	Score:
1 Clear cell carcinoma	1.03
2 Cystic renal cell carcinoma	5.29
3 Renal cell carcinoma	0.59
4 Cystic clear cell carcinoma	2.79
5 Renal cell carcinoma, proable chromophobe type	0.15
6 Angiomyolipoma	0.15

Highest scoring diagnosis was 2 with 5.29

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Cystic Clear Cell Renal Cell Carcinoma

Yorkshire General Histopathology EQA Scheme

Case Response Analysis

Circulation: T

Case number: 108

Number of responses: 71

Date: 27 APR 10

Clinical: Category: Gynaecology Female, aged 26. Moderate dyskaryosis

Specimen: Lletz

Macro: An asymmetrical loop of cervix 1.4 x 0.8 x 0.8cm

Diagnostic categories:

	Score:
1 CIN 2 & wart virus	0.42
2 CIN 1, +/- wart virus. Parasites ?schistosomiasis	2.25
3 CIN 2 & parasite	1.13
4 CIN 1 & 2 squamous	0.28
5 CIN2, +/- wart virus. Parasite ova ?schistosomiasis	1.97
6 CIN 1 & wart virus	0.42
7 CIN 1	0.14
8 CIN 3 & schistosomiasis +/- wart virus	1.27
9 Schistosomiasis/enterobius/fungi +/- wart virus	1.55
10 CIN & schistosomiasis =/- wart virus	0.56

Highest scoring diagnosis was 2 with 2.25

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Worms, probably enterobius. Schistosomiasis. CIN 1 and wart virus

Original report and further information (if any):

CIN2 and schistosomiasis

Circulation: T

Case number: 109

Number of responses: 60

Date: 27 APR 10

Clinical: Category: Osteoarticular Female, aged 60 Proximal femoral cyst at total hip replacement

Specimen: Fragments of bony tissue

Macro: Bony tissue 3.5 x 2 x 1cm

Diagnostic categories:

	Score:
1 Fibrous dysplasia	9.83
2 Paget's disease	0.17

Highest scoring diagnosis was 1 with 9.83

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Fibrous dysplasia