

# Yorkshire General Histopathology EQA Scheme

## Case Response Analysis

**Circulation: AA**

**Case number: 800**

Number of responses: 83

Date: 19 NOV 13

*Clinical:* Large Nodule THY3F Cytology. 38 Years Female

*Specimen:* Left Thyroidectomy

*Macro:* Left lobe of thyroid gland 41gms with a solitary nodular lesion 50x30x35mm reaching up to the capsular surface.

### **Diagnostic categories:**

### **Score:**

1	Thyroid adenoma (oncocytic)	2.75
2	Follicular carcinoma (minimal invasive) (hurth/onc)	4.64
3	Follicular adenoma	0.60
4	Follicular (hurth/onc) neoplasm of uncertain malig. pot.	0.36
5	Angionvasive (hurth/onc) carcinoma	0.12
6	Hurthle/oncocytic neoplasm	0.72
7	Hurthle/oncocytic neoplasm suspicious of invasion	0.60
8	Hurthle/oncocytic adenoma/neoplasm atypical	0.02
9	Papillary carcinoma +/- follicular variant	0.06
10	Unclaimed Exemption	0.12

Highest scoring diagnosis was 2 with 4.64 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Well differentiated hurthle cell follicular carcinoma with vascular and capsular invasion

**Circulation: AA**

**Case number: 801**

Number of responses: 82

Date: 19 NOV 13

*Clinical:* Recurrent swelling right palm, attached to fascia. Female, aged 18.

*Specimen:* Soft Tissue

*Macro:* Fibrofatty mass measuring 15x9x7mm

### **Diagnostic categories:**

### **Score:**

1	Calcifying aponeurotic fibroma	7.15
2	(Dystrophic) calcinosis cutis	0.35
3	Necrobiotic granulomas/rheumatoid nodule	0.63
4	Myositis ossificans	0.07
5	Deep granuloma annulare	0.44
6	Granulomatous reaction to crystals	0.12
7	Fibro-osseus pseudotum/ hyalins. tum. with gt rosettes	0.17
8	Soft tissue chondroma/chondromatosis	0.17
9	Gout/Pseudogout	0.77
10	Epithelioid sarcoma	0.12

Highest scoring diagnosis was 1 with 7.15 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Calcifying aponeurotic fibroma

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## Case Response Analysis

**Circulation: AA**

**Case number: 802**

Number of responses: 82

Date: 19 NOV 13

*Clinical:* Para-aortic mass evident on CT scan, during investigation for anaemia. ?lymphoma Female, Aged 49

*Specimen:* Core biopsy of para-aortic mass

*Macro:* Needle biopsy 2.7cm long

**Diagnostic categories:**

**Score:**

1	Ganglioneuroma	9.27
2	Desmoid fibromatosis	0.24
3	Idiopathic retroperitoneal fibrosis	0.12
4	Benign nerve sheath tumour	0.12
5	Neurofibroma	0.24

Highest scoring diagnosis was 1 with 9.27

*Asterisks (if any) indicate dangerous diagnoses.*

*Secondary diagnoses and comments (if any):*

*Original report and further information (if any):*

Ganglioneuroma

**Circulation: AA**

**Case number: 803**

Number of responses: 85

Date: 19 NOV 13

*Clinical:* 15 mm polyp in sigmoid colon Male, Aged 64

*Specimen:* Colon Polypectomy

*Macro:* Pedunculated polyp 20mm in diameter

**Diagnostic categories:**

**Score:**

1	Tubulovillous adenoma	0.35
2	Tubulovillous adenoma LGD & pseudoinvasion	2.35
3	Tubulovillous adenoma with pseudoinv./entrap.	1.18
4	Tubulovillous adenoma with LGD	2.71
5	Villous adenoma +/- LGD +/- pseudoinvasion	1.06
6	Tubular adenoma +/- LGD +/- pseudoinvasion	2.35

Highest scoring diagnosis was 4 with 2.71

*Asterisks (if any) indicate dangerous diagnoses.*

*Secondary diagnoses and comments (if any):*

*Original report and further information (if any):*

Pedunculated tubulo-villous adenoma with low grade dysplasia and "pseudo-invasion"

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## Case Response Analysis

**Circulation: AA**

**Case number: 804**

Number of responses: 85

Date: 19 NOV 13

*Clinical:* PHG with oesophageal varices. New GU. ? Dysplasia. Perls stain positive. Male, aged 65

*Specimen:* Gastric Biopsy

*Macro:* 4 endoscopic biopsies

### **Diagnostic categories:**

### **Score:**

1	Erosive/reactive/portal gastritis with iron deposition	0.59
2	Erosive/reactive/portal gastritis due to iron effect	6.00
3	Erosive gastritis	0.24
4	Reactive gastritis with erosion	0.24
5	Reactive gastritis with iron	0.24
6	Portal hypertensive gastropathy	0.59
7	Iron encrustation/deposition/haemosiderosis	1.18
8	Gastric angiodysplasia	0.35
9	Oxyntic hyperplasia/no dysplasia/fundic polyp	0.59

Highest scoring diagnosis was 2 with 6.00

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Acute gastric erosion with iron (?iron pill gastritis)

**Circulation: AA**

**Case number: 805**

Number of responses: 76

Date: 19 NOV 13

*Clinical:* Longstanding fibroadenoma with recent increase in size. Female, Aged 35

*Specimen:* Diagnostic Excision Left Breast

*Macro:* Fibrous nodule with whorled appearance to cut surface.

### **Diagnostic categories:**

### **Score:**

1	Fibroadenoma	9.09
2	Benign phyllodes tumour	0.38
3	Fibroadenoma with lobular neoplasia	0.13
4	Mammary hamartoma	0.26
5	Unclaimed Exemption	0.13

Highest scoring diagnosis was 1 with 9.09

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Complex Fibroadenoma (with some myoid differentiation in the stroma)

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## Case Response Analysis

**Circulation: AA**

**Case number: 806**

Number of responses: 78

Date: 19 NOV 13

*Clinical:* Haematuria. Red Patches. Bladder Biopsies. Male, aged 77.

*Specimen:* Bladder Biopsy

*Macro:* 5 tissue fragments

**Diagnostic categories:**

**Score:**

1	Amyloidosis	9.49
2	Haemangioma	0.13
3	Vesical arteriovenous malformation	0.26
4	Radiation cystitis	0.10
5	Haemorrhagic cystitis	0.03

Highest scoring diagnosis was 1 with 9.49

*Asterisks (if any) indicate dangerous diagnoses.*

*Secondary diagnoses and comments (if any):*

*Original report and further information (if any):*

Amyloid

**Circulation: AA**

**Case number: 807**

Number of responses: 83

Date: 19 NOV 13

*Clinical:* Right labial cyst. Excision under GA. Female, aged 35

*Specimen:* Right Labial Cyst Excision

*Macro:* a nodule of tan soft tissue measuring 10x9x6mm. No cyst seen on glass.

**Diagnostic categories:**

**Score:**

1	Hidradenoma papilliferum	9.88
2	Hidradenoma papilliferum with atypia	0.12

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):*

Hidradenoma Papilliferum

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## Case Response Analysis

**Circulation: AA**

**Case number: 808**

Number of responses: 83

Date: 19 NOV 13

*Clinical:* Uterus and BSO for early endometrial CA. Ovaries stuck in pouch of Douglas? Endometriosis. Female, Aged 76

*Specimen:* Ovary

*Macro:* Ovary 30x25x10mm. Has a ragged and cystic surface.

### **Diagnostic categories:**

### **Score:**

1	Endometriosis	3.23
2	Serous/endomet. cystadenofibro. with endometriosis	2.23
3	Serous/endometrioid (cyst) adenofibroma	1.20
4	Endometriosis + atypical hyperplasia +/-adenofibrom	1.02
5	Endometrioid adenofibroma with endometriosis	0.12
6	Endosalpingiosis/salpingitis itshmica nodosa	0.36
7	Endometrial/oid adenocarcinoma	0.33
8	Serous/endomet. cystadeno(fibroma) borderline/atypi	1.08
9	Metastatic endometrial ADC in cystadenofibroma	0.36
10	Proliferating germinal inclusion cysts	0.06

Highest scoring diagnosis was 1 with 3.23 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Endometrial adenocarcinoma arising in endometriotic deposits showing atypical hyperplasia

**Circulation: AA**

**Case number: 809**

Number of responses: 86

Date: 19 NOV 13

*Clinical:* Right Cheek Excision, ?Melanoma Female, aged 85

*Specimen:* Skin

*Macro:* Ellipse of skin, 21 x 12 x up to 10mm deep, bearing a variably pigmented macule 9 x 7mm within which there is a raised grey nodule 4 x 4mm

### **Diagnostic categories:**

### **Score:**

1	Lentigo maligna melanoma	3.33
2	Malignant melanoma	4.88
3	Nodular malignant melanoma	0.58
4	Superficial spreading malignant melanoma	0.35
5	Spindle cell melanoma	0.23
6	Minimally invasive spitzoid melanoma	0.12
7	Halo/blue any benign	0.27
8	Any dysplastic naevus	0.07
9	Suspicious +/- dysplastic naevus	0.12
10	Malignant, nos	0.06

Highest scoring diagnosis was 2 with 4.88 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Lentigo Maligna Melanoma

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## Case Response Analysis