

# Yorkshire General Histopathology EQA Scheme

## Case Response Analysis

**Circulation: S**

**Case number: 900**

Number of responses: 69

Date: 10 NOV 09

**Clinical:** Category: Thoracic Female, aged 18. Lung biopsy. Immunopositive CK7, TTF-1, CD56, chromogranin, synaptophysin Immunonegative: CK20

**Specimen:** Lung Biopsy

**Macro:** 2 cores of tissue, measuring up to 12mm

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	Carcinoid tumour	8.70
2	Neuroendocrine tumour (NOS)	0.29
3	Well differentiated neuroendocrine tumour	0.29
4	Neuroendocrine proliferation within alveoli (DIPNECH)	0.14
5	Non-small cell carcinoma w neuroendocrine features	0.10
6	Large cell neuroendocrine carcinoma	0.04
7	Nonsmall cell adenocarcinoma w neuroendocrine diff	0.29
8	Well diff NE carcinoma (atypical carcinoid)	0.14

Highest scoring diagnosis was 1 with 8.70 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Typical carcinoid tumour of lung.

**Circulation: S**

**Case number: 901**

Number of responses: 72

Date: 10 NOV 09

**Clinical:** Category: Gynaecology Female, aged 73 Fibroid uterus

**Specimen:** Uterus

**Macro:** Uterus weighing 1277g, measuring 15 x 14 x 11cm with separate cervix 6 x 1.8cm. The uterus is replaced by an ill defined partially necrotic mass 14 x 10 x 8cm. Tumour is positive for CD10, negative for desmin, h-caldesmon, CAM and AE1/3.

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	High grade/undiff endometrioid stromal sarcoma	2.64
2	(+/-Endometrial) stromal sarcoma	6.94
3	Epithelioid leiomyosarcoma	0.14
4	Low grade endometrial stromal sarcoma	0.14
5	Clear cell carcinoma	0.07
6	Metastatic renal cell carcinoma	0.07

Highest scoring diagnosis was 2 with 6.94 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

High grade endometrial stromal sarcoma

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## Case Response Analysis

**Circulation: S**

**Case number: 902**

Number of responses: 71

Date: 10 NOV 09

**Clinical:** Category: Gastrointestinal Male, aged 53 Microcytic anaemia. Endoscopy showed multiple small polyps in fundus and body of stomach.

**Specimen:** Gastric Biopsy  
**Macro:** 3 biopsies up to 0.4cm

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	Fundic gland polyp with parietal cell hyperplasia	0.14
2	Cystic fundal polyp	9.86

Highest scoring diagnosis was 2 with 9.86

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):  
Cystic fundus gland polyps.

**Circulation: S**

**Case number: 903**

Number of responses: 69

Date: 10 NOV 09

**Clinical:** Category: Soft Tissue Male, aged 66. Painful right total knee replacement. Altered synovium biopsied

**Specimen:** Synovium from right knee  
**Macro:** Sheet of fibrous tissue 3.0 x 1.8 x 0.4cm, showing grey brown discolouration and some fine white villi on the surface.

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	Granulomatous reaction to metal dust from prosthesis	4.12
2	Reactive/detrutic synovitis (metallosis)	3.01
3	Synovitis, rheumatoid/RA	1.13
4	Synovitis, osteoarthritic	0.12
5	Chronic synovitis, RA or OA	0.14
6	Reactive synovium with lymphoid infiltrate/chronic infl	0.29
7	Gout	0.01
8	"I" & low grade chronic infection	0.14
9	(Pigmented) villonodular synovitis/giant cell tumour	0.88
10	PVNS? Reaction to surgery?	0.14

Highest scoring diagnosis was 1 with 4.12

Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Reactive synovitis, secondary to breakdown material from prosthesis (detritus synovitis)

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## Case Response Analysis

**Circulation: S**

**Case number: 904**

Number of responses: 71

Date: 10 NOV 09

**Clinical:** Category: Urology Male, aged 50. Painful lump near right testis.

**Specimen:** Lump near right testis

**Macro:** Irregular fibrous fragment 1.3 x 0.7 x 0.5cm

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	Sperm granuloma	3.10
2	Vasitis nodosa & sperm granuloma	3.52
3	Vasitis nodosa	2.96
4	Sperm granuloma with vas aberrans	0.14
5	Metastatic adenocarcinoma	0.14
6	Spermatocoele	0.14

Highest scoring diagnosis was 2 with 3.52 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Sperm granuloma and vasitis nodosa

**Circulation: S**

**Case number: 905**

Number of responses: 74

Date: 10 NOV 09

**Clinical:** Category: Skin Female, aged 33 Cyst on scalp. .

**Specimen:** Skin biopsy from scalp

**Macro:** Ellipse of skin, 0.9 x 0.5cm with underlying tissue 1.3cm deep which contains a collapsed cyst.

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	Apocrine cystadenoma	1.01
2	Apocrine hidrocystoma	4.86
3	Eccrine hidrocystoma	1.96
4	Ductal hidrocystoma, apocrine & eccrine	0.14
5	Hidrocystoma (benign sweat gland cyst)	0.14
6	Apocrine hidrocystoma (cystic apocrine adenoma)	0.14
7	Eccrine hidrocystoma	0.27
8	Hidradenoma papilliferum	0.14
9	Hidrocystoma (+/- eccrine-apocrine)	1.22
10	Cystically dilated venous channel	0.14

Highest scoring diagnosis was 2 with 4.86 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Apocrine hidrocystoma

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## Case Response Analysis

**Circulation: S**

**Case number: 906**

*Number of responses: 71*

*Date: 10 NOV 09*

*Clinical:* Category: Head and Neck Female, aged 61. White lacy plaque with erythematous base on left buccal mucosa.

*Specimen:* Buccal mucosal biopsy (mouth)

*Macro:* Mucosal punch biopsy, 0.4cm diameter, 0.5cm long.

	<i>Diagnostic categories:</i>	<i>Score:</i>
1	Lichen planus	9.49
2	Lichenoid reaction	0.35
3	Lichenoid dysplasia	0.15

*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):*

Lichen Planus

**Circulation: S**

**Case number: 907**

*Number of responses: 74*

*Date: 10 NOV 09*

*Clinical:* Category: Skin Female, aged 38 Vulval cyst

*Specimen:* Vulval Biopsy

*Macro:* Skin ellipse 1.7 x 1.4cm with an underlying fibrous nodule 0.9cm in diameter

	<i>Diagnostic categories:</i>	<i>Score:</i>
1	Granular cell tumour	9.97
2	Xanthoma	0.03

*Highest scoring diagnosis was 1 with 9.97 Asterisks (if any) indicate dangerous diagnoses.*

*Secondary diagnoses and comments (if any):*

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

Granular cell tumour.

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## Case Response Analysis

**Circulation: S**

**Case number: 908**

Number of responses: 70

Date: 10 NOV 09

**Clinical:** Category: Head and Neck Male, aged 56. Slowly growing mass left parotid. FNA suggestion of PSA. 7th nerve intact.

**Specimen:** Left superficial parotidectomy

**Macro:** Salivary gland 46.5g, 70 x 40 x 15mm. Cut surface show well defined tumour 40 x 32 x 30mm

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	Pleomorphic adenoma	10.00

Highest scoring diagnosis was 1 with 10.00 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Pleomorphic adenoma (parotid gland)

**Circulation: S**

**Case number: 909**

Number of responses: 74

Date: 10 NOV 09

**Clinical:** Category: Skin Male, aged 41 ?BCC

**Specimen:** Skin lesion left upper arm

**Macro:** An ellipse of skin 2.2 x 1cm and 1cm in depth, with slightly elevated nodule 0.8 x 0.7cm on the surface.

	<b>Diagnostic categories:</b>	<b>Score:</b>
1	Malignant melanoma	9.46
2	Spitz naevus	0.54

Highest scoring diagnosis was 1 with 9.46 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Superficial spreading malignant melanoma