

Yorkshire general Histopathology EQA

Case Response Analysis

Circulation: O **Case number: 500** *Number of responses: 66* *Date: 22 NOV 07*

Clinical: Post menopausal bleeding Female aged 77

Specimen: Uterus

Macro: Uterus 94mm x 45mm x 32 mm. The endometrium us up to 7mm thick and friable.

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Endometrioid adenocarcinoma (grade 1, well diff)	7.88
2 Very suspicious of Grade 1 endometrioid adenoca	0.15
3 Adenocarcinoma, invasive	0.30
4 Atypical endometrial hyperplasia	0.45
5 severe atypical hyperplasia/intraendometrial ca	0.30
6 Endometrioid adenoca and complex hyperplasia	0.15
7 complex atypical hyperplasia	0.15
8 endometrioid adenoca grade 3	0.15
9 Intramucosal adenoca (stage 1a)	0.15
10 atyp hyperplasia with ?invasion	0.15

Highest scoring diagnosis was 1 *with* 7.88 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):

autolysis, suboptimal for assessment , 4: G1 adenoca cannot be excluded, dreadful fixation, more sections needed

Original report and further information (if any):

Invasive grade 1 endometrioid endometrial adenocarcinoma

Circulation: O **Case number: 501** *Number of responses: 70* *Date: 22 NOV 07*

Clinical: Presented with weight loss and anaemia. Endoscopy showed small ulcer - biopsied and findings resulted in resections. Male aged 52

Specimen: Stomach

Macro: Total gastectomy - thickened wall with slightly nodular mucosa in body.

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Poorly diff carcinoma + lymphoma + dysplasia	0.57
2 Diffuse adenocarcinoma and lymphoma	2.00
3 HG dysplasia and diffuse signet ring cell adenoca	0.86
4 Poorly diff gastric adenoca with serosal spread+v.i.	0.29
5 Signet ring cell carcinoma	2.41
6 poorly diff /diffuse adenocarcinoma	3.43
7 poorly diff oesophageal adenoca + ? CLL	0.14
8 signet ring cell ca with marginal zone lymphoma	0.14
9 Adenoca and well diff neuro-endocrine ca	0.14
10 malig neuroendocrine tumour	0.01

Highest scoring diagnosis was 6 *with* 3.43 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):

needs immunos,HMDS ref

needs immunos to exclude lymphoma

possible CLL,

Original report and further information (if any):

diffuse adenocarcinoma and non hodgkins lymphoma

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Case Response Analysis

Circulation: O **Case number: 502** *Number of responses: 71* *Date: 22 NOV 07*

Clinical: Subacute obstruction. Intussusception of right colon. Female aged 44

Specimen: apex of intussusception

Macro: Intussusception 4 cm dimensions. Thickened muscularis propria.

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Endometriosis (+colonic)	9.15
2 Endometriosis with mucosal ischaemia	0.85

Highest scoring diagnosis was 1 *with* 9.15 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):

Pseudomembranous change--exclude C.difficile, ischaemic damage also

Original report and further information (if any):

endometriosis

Circulation: O **Case number: 503** *Number of responses: 69* *Date: 22 NOV 07*

Clinical: swollen knee, white masses at arthroscopy Female aged 36

Specimen: loose bodies right knee

Macro: white firm pieces of tissue, measuring in aggregate 1 x 0.8 x 0.5 cm

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Synovial chondromatosis	8.23
2 loose bodies(osteocondritis dessicans)	0.32
3 (synovial)osteocondromatosis	1.16
4 chondromatosis	0.29

Highest scoring diagnosis was 1 *with* 8.23 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):

radiology, soft tissue opinion

Original report and further information (if any):

synovial chondramatosis

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Case Response Analysis

Circulation: O **Case number: 504** *Number of responses: 64* *Date: 22 NOV 07*

Clinical: 36 year old woman had emergency LSCS for placenta previa. Placenta had ?extra lobe attached.

Specimen: placenta

Macro: Fused twin placenta (dichorionic, diamniotic) containing two well-defined masses, each 6 cm in maximum dimension. Both comprise uniform waxy pale brown tissue

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Placental angioma	0.31
2 Chorangioma	7.34
3 Haemangioma	2.19
4 Chorangioma	0.16

Highest scoring diagnosis was 2 *with* 7.34 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):
seek expert opinion

Original report and further information (if any):
chorangioma

Circulation: O **Case number: 505** *Number of responses: 65* *Date: 22 NOV 07*

Clinical: Products of conception for histology. US? Hydatidiform mole. Female aged 23

Specimen: Products of conception

Macro: Blood & membranous tissue 7 x 7 x 2 cm. Some elements cystically dilated.

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Hydatidiform mole	1.23
2 Complete hyd mole and placental site react	0.31
3 Partial hydatidiform mole	4.45
4 Complete mole	3.71
5 Exaggerated placental site reaction	0.15
6 complete mole and placental site trophobl	0.15

Highest scoring diagnosis was 3 *with* 4.45 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):
5+prob partial mole also, confirm with p57,Ki67, flow cytometry, more blocks to confirm partial or comp, not suitable case, we send for review to tertiary centre

Original report and further information (if any):
complete hydatidiform mole

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Case Response Analysis

Circulation: O **Case number: 506** *Number of responses: 71* *Date: 22 NOV 07*

Clinical: Sebaceous cyst on scalp Female aged 53

Specimen: Skin biopsy from scalp

Macro: Ellipse of skin 1.7 x 0.4 cm with underlying firm cyst 1.2cm diameter

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Proliferating trichilemmal cyst	6.56
2 Proliferating trichilemmal tumour	1.13
3 Pilar tumour(proliferating pilar cyst)	1.55
4 Proliferating pilar tumour	0.42
5 verrucous carcinoma	0.14
6 keratoacanthoma	0.14
7 well diff SCC arising from pilar cyst	0.06

Highest scoring diagnosis was 1 *with* 6.56 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):

known by lots of names!
do levels to exclude SCC

Original report and further information (if any):

Proliferating pilar (trichilemmal) tumour

Circulation: O **Case number: 507** *Number of responses: 61* *Date: 22 NOV 07*

Clinical: Carcinoma left breast Female - aged 47

Specimen: Left Breast

Macro: Left Mastectomy specimen with tumour 9 x 7 cm

<i>Diagnostic categories:</i>	<i>Score:</i>
1 Mucinous carcinoma(invasive)	7.70
2 Mucinous adenocarcinoma	1.15
3 mixed mucinous and ductal ca G2	0.16
4 colloid carcinoma	0.33
5 invasive micropapillary ca + mucinous	0.16
6 mucinous ca with focal ductal NST	0.16
7 invasive ductal ca(mucinous variant)	0.16
8 carcinoma with mucinous features	0.16

Highest scoring diagnosis was 1 *with* 7.70 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):

difficult to decide if pure mucinous as only 1 block, need to see more
sec?ductal component

Original report and further information (if any):

Mucinous Carcinoma of the breast

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Case Response Analysis

Circulation: O **Case number: 508** *Number of responses: 70* *Date: 22 NOV 07*

Clinical: symptomatic polyp in gall bladder Female aged 57

Specimen: Gall bladder

Macro: Gall bladder 7.5cm long 2.5cm diameter. On opening mucosal cholesteiolosis and polyp 5 mm at fundus

Diagnostic categories:	Score:
1 Cholesterol polyp	3.86
2 Hyperplastic polyp	2.14
3 Adenoma/adenomatous polyp, cholesterolosis	0.86
4 papillary hyperplasia with 'adenoma'	0.29
5 papillary adenoma of gall bladder	0.47
6 papillary adenoma/hyperplastic polyp	0.14
7 papillary hyperplasia with cholesterolosis	0.29
8 localised papillary hyperplasia	0.39
9 tubular adenoma/tubulovillous adenoma	0.86
10 benign polyp(cholesterol/hyperplastic)	0.71

Highest scoring diagnosis was 1 *with* 3.86 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):

Original report and further information (if any):
benign hyperplastic polyp of the gall bladder

Circulation: O **Case number: 509** *Number of responses: 71* *Date: 22 NOV 07*

Clinical: Rectal bleeding Female aged 38

Specimen: Rectal Polyp

Macro: Polyp measuring 1.5 x 1.0 x 0.8cm

Diagnostic categories:	Score:
1 Carcinoid tumour(rectal)	8.73
2 Well differentiated endocrine cell tumour	0.85
3 well diff neuro-endocrine cell tumour	0.42

Highest scoring diagnosis was 1 *with* 8.73 *Asterisks (if any) indicate dangerous diagnoses.*

Secondary diagnoses and comments (if any):
Is this a suitable case? needs immunos , spl stains

Original report and further information (if any):
Well differentiated endocrine tumour

