

Yorkshire general Histopathology EQA

Case Response Analysis: Circulation M

Case number: 300 Number of responses: 66 Date: 10 NOV 06

Clinical: FNA thyroid suspicious, Female – age 44 yrs

Specimen: Left lobe thyroid

Macro: A piece of thyroid weighing 5gms and measuring 3.3 x 2 x 1.5cm. There is a pale nodule 0.8cm across which appears to be just under the capsule of the thyroid.

Diagnostic categories:	Score:
1 Papillary carcinoma (of thyroid)	9.70
2 Papillary ca (follicular variant)	0.30

Highest scoring diagnosis: 1 with 9.70 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any): Papillary carcinoma of thyroid – classical

Case number: 301 Number of responses: 71 Date: 10 NOV 06

Clinical: Previously excised sebaceous cyst from area. Non-healing wound since then, ?recurrence ?carcinoma. Punch bx left scalp post auricular region. CD31 + CD34 positive. Male – age 66yrs

Specimen: Skin

Macro: Punch bx

Diagnostic categories:	Score:
1 Angiosarcoma	9.58
2 Haemangiosarcoma	0.14
3 Kaposi's sarcoma ?other vascular neoplasm	0.14
4 malignant vascular tumour	0.14

Highest scoring diagnosis: 1 with 9.58 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): would seek second opinion, do immunos, review prev histology

Original report and further information (if any): Epithelioid angiosarcoma

Case number: 302 Number of responses: 66 Date: 10 NOV 06

Clinical: Right parotid lump ?pleomorphic adenoma, Female – age 41yrs

Specimen: Parotid swelling

Macro: Parotid gland 70mm max with solid grey nodule 26mm max dimension.

Diagnostic categories:	Score:
1 Acinic cell tumour	1.52
2 Acinic cell carcinoma	7.73
3 Acinic cell tumour/carcinoma	0.61
4 Oncocytoma	0.15

Highest scoring diagnosis: 2 with 7.73 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): amylase, PAS+/-D, more blocks

Original report and further information (if any): Acinic cell carcinoma

Case number: 303 Number of responses: 57 Date: 10 NOV 06

Clinical: Testicular tumour, Male – age 22yrs

Specimen: Testis

Macro: "Right testis" 70mm maximal dimension. Replaced by solid and cystic tumour measuring 55mm of variable colour with haemorrhage.

Diagnostic categories:	Score:
1 Malignant teratoma undiff+yolk sac tum	0.88
2 Malignant teratoma intermed	1.23
3 Mixed germ cell tumour/embryonal ca	2.28
4 Malig teratoma with yolk sac tum	0.35
5 Malig terat--emb ca, yolk sac,some glands	0.18
6 MTU + seminoma	0.35
7 MTI with yolk sac elements	0.35
8 MTU with ITGCN	0.88
9 embryonal ca, yolksac tum	1.58
10 Malig teratoma(MTU+YS+ITGN)	1.93

Highest scoring diagnosis: 3 with 2.28 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): Seek second opinion , Is this MTI or MTU? do spl stains AFP HCG, possible yolk-sac component, not ideal EQA slide

Original report and further information (if any): Malignant teratoma intermediate.

Case number: 304 Number of responses: 71 Date: 10 NOV 06

Clinical: Lesion right lower limb above shin. ?origin from muscle, Male – age 34yrs

Specimen: Soft tissue

Macro: Three pieces of adipose tissue 40mm, 31mm and 26mm each enclosing encapsulated nodule.

Diagnostic categories:	Score:
1 Schwannoma /neurilemmoma	9.86
2 Angioleiomyoma	0.14
3 PECOMA	0.00

Highest scoring diagnosis: 1 with 9.86 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): do S100

Original report and further information (if any): Neurilemmoma (Schwannoma)

Case number: 305 Number of responses: 72 Date: 10 NOV 06

Clinical: Excision of sebaceous cyst, Female – age 62yrs

Specimen: Skin of vulva

Macro: Cystic tissue 7 x 5 x 4mm

Diagnostic categories:	Score:
1 Hidradenoma papilliferum	9.72
2 Syringocystadenoma papilliferum	0.14
3 ben skin appendage tum?hidradenoma	0.14

Highest scoring diagnosis: 1 with 9.72 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any):

Original report and further information (if any): Hidradenoma Papilliferum

Case number: 306 **Number of responses: 64** **Date: 10 NOV 06**

Clinical: Ulcerated nipple. Female – age 74 yrs

Specimen: Mastectomy

Macro: Mastectomy specimen 17 x 8 x 4cm weighing 215gm. The nipple is ulcerated.

Diagnostic categories:	Score:
1 Paget's disease of nipple with DCIS	6.28
2 Paget's disease of nipple	1.83
3 Ca in situ (?paget's/squamous ca in situ)	0.47
4 Intraepidermal SCC	0.58
5 Intraepidermal ca+Paget's+DCIS	0.16
6 Bowen's disease	0.20
7 Bowen's disease and DCIS	0.17
8 Intraductal ca with Pagetoid spread	0.16
9 Insitu neoplasm not typical of Pagets	0.16

Highest scoring diagnosis: 1 with 6.28 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): needs IHC to help distinguish X2 , ?appropriate case without immunos

Original report and further information (if any): Paget's disease of the nipple.

Case number: 307 **Number of responses: 66** **Date: 10 NOV 06**

Clinical: APER for carcinoma of rectum. Short course radiotherapy given. Male – age 75yrs

Specimen: APER – 2 SLIDES

Macro: 2 cm long tumour in rectum below peritoneal reflection (A) with multiple nodes in mesorectum (B)

Diagnostic categories:	Score:
1 Adenoca of colon but node mets?prostatic	4.09
2 Adenoca of colon ?neuroendoc in nodes	0.15
3 adenoca of colon pT2	0.45
4 (rectal)Adenoca with nodal mets	2.88
5 Adenoca of rectum	0.45
6 Rectal adenoca ??mets from another prim	1.97

Highest scoring diagnosis: 1 with 4.09 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): lym nodes look bland ? from another tumour, would do immunos , exclude prostatic origin, radiation changes, adenoca with venous invasion nodules , unusual pigment in RBCs?haematological disorder

Original report and further information (if any): Primary rectal adenocarcinoma with metastatic prostatic adenocarcinoma in lymph node (also radiation proctitis)

Case number: 308 Number of responses: 70 Date: 10 NOV 06

Clinical: Skin lesion, Male – age 35yrs

Specimen: Skin biopsy

Macro: Elliptical piece of skin 16 x 8 x 5mm with no visible lesion.

Diagnostic categories:	Score:
1 Ben fibrous histiocytoma/dermatofibroma	8.40
2 Cellular dermatofibroma	1.14
3 Dermatofibroma with "monster cells"	0.29
4 Dermatofibrosarc protruberans	0.17

Highest scoring diagnosis: 1 with 8.40 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): some pigment?iron?melanin--spl stains to confirm X3 mitotic and pleomorphic

Original report and further information (if any): Dermatofibroma

Case number: 309 Number of responses: 65 Date: 10 NOV 06

Clinical: PMB inc. mass in uterus. Thick polypoid endometrium. Female – age 65yrs

Specimen: Endometrial curretings

Macro: Multiple fragments together approx. 1ml

Diagnostic categories:	Score:
1 Adenoca of endometrium	0.31
2 Endometrioid adenoca with squam diff	2.92
3 Endometrioid adenoca with squam metapl	1.08
4 Endometrioid adenoca (mod differentiated)	5.38
5 Adenoacanthoma	0.15
6 Endocervical adenocarcinoma	0.15

Highest scoring diagnosis: 4 with 5.38 Asterisks (if any) indicate dangerous diagnoses.

Secondary diagnoses and comments (if any): bad section, serous papillary component

Original report and further information (if any): Grade 2 endometrial adenocarcinoma