

Yorkshire General Histopathology EQA Scheme
Case Response Analysis

Circulation: G Case number: 600 Number of responses: 60 Date: 4 NOV 03

Clinical Previous TCC of bladder Check cystoscopy showed papillary
appearance of prostatic urethra Male aged 78

Specimen Urethral Biopsy

Macro: Two fragments up to 0.4cms

Diagnostic categories:	Score:
1 Urethral polyp/prostatic type polyp	6.70
2 Urethritis glandularis/glandular metaplasia	0.67
3 Reactive polypoid urethritis	1.17
4 fibrous polyp	0.08
5 cystitis glandularis of prostatic urethra	0.42
6 nephrogenic adenoma	0.50
7 inverted papilloma	0.05
8 papillary hyperplasia with cystitis glandu	0.17
9 papillary urethritis with urethritis gland	0.17
10 urethritis cystica	0.08

Highest scoring diag 1 with 6.70

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Benign prostatic urethral polyps ("polypoid urethritis")

Circulation: G Case number: 601 Number of responses: 63 Date: 4 NOV 03

Clinical Menorrhagia. Was on Danazol. Section from cervix. Female aged
37

Specimen Cervix hystorectomy

Macro: Uterus without appendages measuring 7.5 x 5.2 x 2.5 cm, weighing
39g. The cervix appears normal. The myometrium is 1.8cm thick.
The endometrium is 0.1cm thick. No gross abnormality is seen.

Diagnostic categories:	Score:
1 Mesonephric remnants/ wolffian duct remnan	6.19
2 Mesonephric hyperplasia	2.06
3 Gartners duct hyperplasia	0.95
4 Minimal deviation adenocarcinoma	0.35
5 microglandular hyperplasia	0.13
6 Wart virus infection	0.16
7 Mesonephric adenocarcinoma	0.16

Highest scoring diag 1 with 6.19

Secondary diagnoses and comments (if any):

Expert opinion

Original report and further information (if any):

Gartner's duct remnants

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Circulation: G Case number: 602 Number of responses: 64 Date: 4 NOV 03

Clinical Tender +++ RIF WBC 17.1 Laparotomy Gall bladder empyema +++,
pus, gall bladder encased in necrotic inflamed omentum. Female
aged 93

Specimen Gall Bladder

Macro: Two pieces of gall bladder wall 95 x 50 x 20 mm, up to 10mm
thick.

Diagnostic categories: Score:
1 Mucinous adenocarcinoma/ Gallbladder adenoma 10.00

Highest scoring diag 1 with 10.00

Secondary diagnoses and comments (if any):

xanthogranulomatous inflammation x9

Original report and further information (if any):

Mucin secreting adenocarcinoma

Circulation: G Case number: 603 Number of responses: 63 Date: 4 NOV 03

Clinical Excision of rectal mucosa. History of trauma Female aged 78

Specimen Rectal Tissue

Macro: Mucous covered tissue measuring 11.5 x 5.5 cm in area. Surface
includes thickened nodular and congested areas

Diagnostic categories: Score:
1 mucosal prolapse/solitary rectal ulcer 9.29
2 Inflammation and fibrosis 0.08
3 haemangioma/angiodysplasia 0.16
4 ischaemia due to prolapse 0.16
5 serrated adenoma 0.16
6 hyperplastic polypoid mucosa + haemangioma 0.16

Highest scoring diag 1 with 9.29

Secondary diagnoses and comments (if any):

Original report and further information (if any):

Mucosal prolapse syndrome

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Circulation: G Case number: 604 Number of responses: 63 Date: 4 NOV 03

Clinical Previous haemangioma excised. Now recurrence needs to exclude sarcoma. Male aged 42

Specimen Skin and Subcutaneous tissue from right deltoid region
Macro: Ellipse of skin 67 x 38 x 20 mm, with a discrete pale underlying nodule measuring 18 mm

Diagnostic categories:	Score:
1 Angiomyxoma	2.10
2 Epithelioid haemangiopericytoma (myxoid)	0.16
3 Superficial angiomyxoma	3.52
4 Fibromyxoid sarcoma (low grade)	0.68
5 myxoid tumour/neoplasm (recurrent potential)	1.67
6 myxoid haemangiopericytoma	0.14
7 myxoid liposarcoma/myxoid chondrosarcoma	0.43
8 fibromyxosarcoma	0.59
9 capillary haemangioma variant	0.16
10 cutaneous myxoma/mucinosis	0.56

Highest scoring diag 3 with 3.52

Secondary diagnoses and comments (if any):

More sections x6. Special stains. Immunos x10 History x2 Specialist opinion x9

Not a good case x4 Review previous lesion

Original report and further information (if any):

Superficial angiomyxoma

Circulation: G Case number: 605 Number of responses: 64 Date: 4 NOV 03

Clinical Presented with epistaxis and III nerve palsy. Imaging shows mass in nasal cavity and right maxillary antrum Bx LCA - negative, S100, HMB45 positive Male aged 72

Specimen Biopsy of nasal / maxillary mass

Macro: 14mm diameter mass of pale fragments

Diagnostic categories:	Score:
1 Malignant Melanoma	9.20
2 small round cell tumour (malignant)	0.19
3 olfactory neuroblastoma	0.52
4 Lymphoma	0.03
5 Rhabdomyosarcoma	0.05
6 Malignant neuroectodermal tumour	0.02

Highest scoring diag 1 with 9.20

Secondary diagnoses and comments (if any):

Immunos x4. EM. Metastasis x3 History

Original report and further information (if any):

Primary small cell malignant melanoma of nasal cavity

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Circulation: G Case number: 606 Number of responses: 63 Date: 4 NOV 03

Clinical Chronic testicular pain, post vasectomy Male aged 35

Specimen Epididymis

Macro: Epididymis measuring 15 x 10 x 8 mm

Diagnostic categories:	Score:
1 Sperm granuloma	7.78
2 Granulomatous epididymitis	0.25
3 Sperm granuloma plus adenomatoid tumour	0.16
4 vasitis nodosa and sperm granuloma	0.95
5 Epididymitis Nodosa and sperm Granulomas	0.63
6 Embryonal carcinoma	0.22

Highest scoring diag 1 with 7.78

Secondary diagnoses and comments (if any):

Immuno x2

Original report and further information (if any):

Sperm granuloma

Circulation: G Case number: 607 Number of responses: 54 Date: 4 NOV 03

Clinical Superficial mass in right breast, not attached to skin,
microcalcification present - imaging category B. EMA surface
positive, CD34 negative Female aged 73

Specimen Wide bore needle biopsy of breast

Macro: Three needle cores of pale tissue up to 10mm in length

Diagnostic categories:	Score:
1 Micropapillary adenocarcinoma	5.93
2 Adenocarcinoma	1.30
3 Invasive ductal carcinoma	0.98
4 Metastatic carcinoma	0.19
5 Papillary carcinoma with psammoma bodies	0.74
6 tubular carcinoma	0.59
7 Skin appendage carcinoma	0.09
8 Adenoid cystic carcinoma	0.19

Highest scoring diag 1 with 5.93

Secondary diagnoses and comments (if any):

?ovarian metastasis. Immunox2 imaging info

Original report and further information (if any):

Primary micropapillary invasive adenocarcinoma of breast (with psammoma bodies)

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Circulation: G Case number: 608 Number of responses: 59 Date: 4 NOV 03

Clinical New bladder tumour Male aged 60

Specimen Bladder tumour
Macro: Small biopsy fragments

Diagnostic categories:	Score:
1 Inverted papilloma	8.58
2 Transitional cell carcinoma	1.25
3 Von Brunn's nests with cystitis glandulari	0.17

Highest scoring diag 1 with 8.58

Secondary diagnoses and comments (if any):

mild atypia follow up recommended. ck20. Not a good case

Original report and further information (if any):

Inverted papilloma

Circulation: G Case number: 609 Number of responses: 64 Date: 4 NOV 03

Clinical Skin lesion right upper arm 14 x 18 mm, with pigmented margin.
Slowly increasing in size for two years Female aged 58

Specimen Incisional biopsy of skin lesion
Macro: Triangular skin biopsy 3 x 3 x 2 mm, brown towards one end

Diagnostic categories:	Score:
1 Porokeratosis	6.09
2 Lentigo Maligna	0.31
3 Non specific chronic inflammation/keratosis	1.07
4 Pigmented purpuric dermatosis	0.16
5 Suspicious of radial growth phase melanoma	0.16
6 Benign/simple/solar lentigo/leiomyoma	1.52
7 Early mycosis fungoides	0.23
8 Halo naevus/Mild melanocytic atypia	0.15
9 Actinic keratosis and basal melanocyte pro	0.16
10 Non diagnostic with cornoid lamella	0.16

Highest scoring diag 1 with 6.09

Secondary diagnoses and comments (if any):

Not a good case x2. Insufficient material x2 Special stains x2 Immunox4
Specialist opinion

Original report and further information (if any):

Porokeratosis