

South East England General Histopathology EQA Scheme



7808

Round j Final Case Analyses

Cases 743 to 754

Circulated
January - February 2019

137 responses (88.39%)

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With thanks to those who contributed to this round:

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East Sussex Healthcare NHS Trust	8790
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Case Number: 743

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Diagnostic category: Skin

Clinical : F69. Pigmented lesion on left thigh

Specimen : Excision skin biopsy

Macro : Skin ellipse measuring 45 x 14mm to depth of 11mm. There is central slightly raised by 2mm fairly well circumscribed tan coloured lesion measuring 8 x 10mm.

	Final Merges	Score
1	Malignant Melanoma	10.00

Most popular diagnosis: Malignant Melanoma

Reported Diagnosis: Invasive Malignant Melanoma

Case Number: 744

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Diagnostic category: Breast

Clinical : F60. Screen detected DCIS + separate IDC (superior) behind nipple.

Specimen : Breast

Macro : WLE 480g, 210 x 90 x 60mm, macroscopic IDC superior. Previous biopsy site behind nipple. This block taken between these two areas.

	Final Merges	Score
1	Invasive Ductal Carcinoma & DCIS	9.36
3	Invasive Lobular Carcinoma	0.08
4	Invasive Micropapillary Carcinoma	0.15
5	Invasive Carcinoma	0.15
6	Invasive Micropapillary ca & DCIS	0.18
8	DCIS with Microinvasive Ductal Carcinoma	0.08

Most popular diagnosis: Invasive Ductal Carcinoma & DCIS

Reported Diagnosis: High grade DCIS, Invasive Ductal Carcinoma (G3) + CLL/SLL (no previous diagnosis)

Case Number: 745

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Diagnostic category: GU

Clinical : M58. HIV positive. Erythema ?zoon's balanitis

Specimen : Glans penis punch biopsy

Macro : Oval white skin 4 x 3 x 2mm.

	Final Merges	Score
1	Zoon's Balanitis	9.57
2	Syphilis	0.04
3	Infection incl syphilis, fungus and virus – for specials	0.31
4	Kaposi's Sarcoma	0.08

Most popular diagnosis: Zoon's Balanitis

Reported Diagnosis: Balanitis circumscripta plasmacellularis (zoon's balanitis)

Case Number: 746

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Diagnostic category: GI

Clinical : M53. ABH and pain. Colonic polyp. Rest of exam N.

Specimen : Polyp

Macro : Pedunculated polyp 10 x 7mm. Trisected.

	Final Merges	Score
1	Leiomyoma	9.47
2	GIST	0.45
3	Inflammatory Fibroid Polyp	0.01
5	Angioleiomyoma	0.07

Most popular diagnosis: Leiomyoma

Reported Diagnosis: Benign submucosal leiomyoma

Case Number: 747

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Diagnostic category: Gynae

Clinical : F44. Left sided ovarian cystectomy. Straw coloured fluid aspirated.
Solid material removed from the cyst.

Specimen : Cyst

Macro : Multiple pale tissue fragments measuring in aggregate 15 x 8 x 3mm.

	Final Merges	Score
1	Granulosa Cell Tumour	9.81
2	Carcinoid Tumour	0.02
3	Poorly diffed surface Epithelial Carcinoma	0.01
4	Not answered. Exemption not on file	0.08
5	Leydig Cell Tumour	0.08

Most popular diagnosis: Granulosa Cell Tumour

Reported Diagnosis: Granulosa cell tumour

Case Number: 748

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Diagnostic category: Endocrine

Clinical : F35. Graves thyrotoxicosis

Specimen : Thyroidectomy

Macro : Total thyroid 44.5g, measuring 60 x 45 x 40mm.

	Final Merges	Score
1	Graves Disease / Thyrotoxicosis	8.14
3	Papillary Thyroid Carcinoma	0.15
4	Adenomatous / Multinodular Goitre	0.17
5	Hashimoto's Thyroiditis	1.43
7	Graves Thyroiditis with marginal zone Lymphoma	0.04
8	Diffuse Nodular Hyperplasia	0.07

Most popular diagnosis: Graves' disease / Thyrotoxicosis

Reported Diagnosis: Diffuse toxic goitre consistent with Graves' disease.

**THIS CASE HAS BEEN EXCLUDED FROM
PERSONAL SCORES**

Case Number: 749

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Diagnostic category: Respiratory

Clinical : F39. Persistent lung consolidation. Lobectomy -RLL

Specimen : Lung lobectomy

Macro : Lung lobectomy 4.8 x 4.2 x 1.9cm. Cut surface light brown and spongy with several ill defined yellow and white areas.

	Final Merges	Score
1	Non specific: pneumonitis / pneumonia / oedema / congenial	2.96
2	Alveolar Proteinosis	4.93
3	Toxoplasmosis / infections / Histoplasmosis / Granulomatosis	0.56
4	Amyloidosis	0.11
5	Vasculitis	0.40
6	Description only. Referral case	0.15
7	Bronchiectasis	0.34
8	NHL / exclude MALT Lymphoma	0.13
9	IgG4	0.07
10	Plasma cell proliferation, amyloid, oedema. (clonal studies & specials req)	0.37

Most popular diagnosis: Alveolar Proteinosis

Reported Diagnosis: Bronchiectasis

**THIS CASE HAS BEEN EXCLUDED FROM
PERSONAL SCORES**

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PERSONAL SCORES**

Case Number: 750

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Diagnostic category: Miscellaneous

Clinical : F80. Excision biopsy prominent right caruncle.

Specimen : Right eyelid - caruncle

Macro : 5mm fragment.

	Final Merges	Score
1	Oncocytoma	4.86
2	Adenoma (Tubular / apocrine etc)	2.48
3	Apocrine Cystadenoma	0.77
4	Ectopic Lacrimal Gland	0.07
5	Apocrine Metaplasia	0.04
6	Apocrine Hidradenoma	0.33
7	Benign Adnexal Tumour	0.08
8	Apocrine Hidrocystoma	1.30
9	Benign Apocrine Proliferation	0.07

Most popular diagnosis: Oncocytoma

Reported Diagnosis: Oxyphil adenoma of lacrimal sac.

**THIS CASE HAS BEEN EXCLUDED FROM
PERSONAL SCORES**

Case Number: 751

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Diagnostic category: Gynae

Clinical : F25. ?chorioamnionitis

Specimen : Placenta

Macro : Singleton placental disc, TriMed weight 530g, measuring 160 x 150 x 32mm. Green tinged membranes. Normal placental cord insection, and cord coiling within normal limits. Cut surfaces showed a small amount of infarction, <5% of placenta, and a well demarcated haemorrhagic area, roughly 10mm max dimension.

	Final Merges	Score
1	Chorangioma / Haemangioma	9.84
2	Infarction & Haemorrhage	0.08
3	Villous Chorangiomas	0.08

Most popular diagnosis: Chorangioma / Haemangioma

Reported Diagnosis: Chorioamnionitis and funistitis in keeping with ascending infection. Incidental choriangioma - probably not clinically significant (ie block A2)

Case Number: 752

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Diagnostic category: Lymphorecticular

Clinical : M69. Extensive Lymphadenopathy

Specimen : Lymph node

Macro : Lymph Node 39x40x16.

Positive Stains: CD20, CD79a, bcl2, cyclin D1, CD19, SOX11. Kappa Light chain restriction. Ki67 50%. Negative Stains: bcl6, CD10, CD23, CD3.

Reviewed by Hammersmith Hospital.

	Final Merges	Score
1	Mantle Zone Lymphoma	9.53
2	Diffuse large cell Lymphoma	0.16
4	NHL / B Cell NHL	0.31

Most popular diagnosis: Mantle Zone Lymphoma

Reported Diagnosis: Mantle Cell NHL-Blastoid Variant

EDUCATIONAL CASE

Case Number: 753

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Diagnostic category: Educational

Clinical : M53.Staging bone marrow for lymphoma

Specimen : Bone marrow

Macro : N/A

Lesional cells: CD45-, CD30+, CD15+, MUM1+, EBER+

Suggested diagnoses:

<ul style="list-style-type: none"> • EBV POSITIVE DIFFUSE LARGE B CELL LYMPHOMA • EBV positive large B cell lymphoma • Hodgkin's disease • Hodgkin lymphoma • Hodgkin lymphoma • Classical Hodgkin Lymphoma • Bone marrow involvement with Hodgkin's disease • Mixed cellularity classical Hodgkin's lymphoma • Classical Hodgkin lymphoma • Classical Hodgkin's lymphoma • Hodkins Disease • Hodgkin's Disease • Classical Hodgkin lymphoma • Hodgkin's lymphoma involvement in bone marrow • BURKITT'S LYMPHOMA • CLASSICAL HODGKIN LYMPHOMA • Hodgkin's Lymphoma • Hodgkin's disease • Hodgkins lymphoma (mixed cellularity) • Bone marrow – Classical Hodgkin lymphoma • Hodgkin's lymphoma • Hodgkin lymphoma in bone marrow • Bone marrow involvement by Classical Hodgkin lymphoma • Marrow involvement by Hodgkin lymphoma • Marrow involvement by Hodgkin disease • Classical hodgkins lymphoma • HODGKINS LYMPHOMA 	<ul style="list-style-type: none"> • Hodgkin's Lymphoma • Hodgkin lymphoma • Never reported bone marrows, I'd give this to the haematologists/lymphoreticular specialist • Classic Hodgkin's lymphoma • Involved by Hodgkin lymphoma • Hodgkin disease • Hodgkin's lymphoma in the bone marrow. Classical pattern. • Hodgkin's Lymphoma • BONE MARROW INVOLVEMENT BY HODGKIN LYMPHOMA • Classical Hodgkin Lymphoma • Hodgkins lymphoma • Hodgkin's Disease • Hodgkin lymphoma • Hodgkin's lymphoma • Hodgkins lymphoma • Hodgkins lymphoma • Classical Hodgkin lymphoma infiltrating the bone marrow • Hodgkin's lymphoma involving the marrow • Hodgkin's lymphoma • Hodgkin's lymphoma • Hodgkins lymphoma • Nodular sclerosis classical Hodgkin lymphoma • Hodgkin's lymphoma • Hodgkins lymphoma • Hodgkins lymphoma • Involvement by Hodgkin lymphoma • Classical Hodgkin Lymphoma
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<ul style="list-style-type: none"> • Hodgkin's disease • Hodgkins lymphoma • Classical Hodgkin's lymphoma • Hodgkin's lymphoma infiltrating marrow • Hodgkins lymphoma • Hodgkin's disease • Hodgkin lymphoma • Hodgkin's disease • Hodgkin disease/lymphoma • Classical Hodgkins • Hogkin's lymphoma involving bone. • Classical Hodgkin Lymphoma • Hodgkin lymphoma • Hodgkins disease • Hodgkin's lymphoma involving bone marrow • Hodgkin lymphoma • Hodgkin's disease • Hodgkins Disease • Bone marrow involvement by classical Hodgkin's lymphoma • Hodgkin's disease • BONE MARROW LOCALISATION OF HODGKIN LYPMHOMA • Classic Hodgkin lymphoma • Classical Hodgkin's Lymphoma • Hodgkin's lymphoma • Marrow involvement of Hodgkin's lymphoma • Hodgkin lymphoma • Hodgkin lymphoma • Hodgkin lymphoma • ?plasmablastic lymphoma • Marrow involvement by Classical Hodgkin lymphoma • Hodgkin's Lymphoma • Classical Hodgkin's lymphoma • Hodgkin's Lymphoma • Hodgkin's lymphoma • Exempt from lymphoreticular-?Hodgkins • Classical Hodgkin's lymphoma • Hodgkin's disease • Hodgkin's lymphoma • Hodgkin's Disease 	<p>infiltrating bone marrow.</p> <ul style="list-style-type: none"> • Hodgkin lymphoma • HODGKIN'S LYMPHOMA • Myeloid fibrosis • Hodgkin's Lymphoma involving bone marrow • Hodgkin's lymphoma • Hodgkin's Lymphoma • Hodgkin lymphoma • Hodgkins Disease • Bone marrow involvement by classical Hodgkin lymphoma • (CLASSIC) HODGKIN LYMPHOMA • Hodgkin Lymphoma • Hodgkin's lymphoma involving bone marrow • Classical Hodgkin lymphoma • Hodgkin's lymphoma • Hodgkin lymphoma • Classical Hodgkin Lymphoma. • Hodgkin's lymphoma • Hodgkins lymphoma • Classic Hodgkin lymphoma • Hodgkin lymphoma • Hodgkins Lymphoma (Nodular sclerosis type) • Hodgkin's lymphoma • Hogdkin's Lymphoma • Hodgkins lymphoma • Classic Hodgkin lymphoma • Hodgkin lymphoma • Classical Hodgkin Lymphoma • Hodgkin's lymphoma • Hodgkin's Lymphoma • Classical Hodgkin Lymphoma infiltrating BM • Hodgkin's lymphoma • Hodgkin's lymphoma • Classic Hodgkin lymphoma, probably mixed cellularity • Bone marrow involvement by classical Hodgkin lymphoma • Bone marrow involvement with a Classical Hodgkins Lymphoma • Hodgkin's disease • Bone marrow biopsy: Hodgkin lymphoma • Classical Hodgkin lymphoma
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Reported Diagnosis: Classical Hodgkin lymphoma, 40%
involvement

EDUCATIONAL CASE

Case Number: 754

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Diagnostic category: Educational

Clinical : F70. Right ventral tongue lesion.

Specimen : Tongue

Macro : Polypoid tissue 15x10x10mm.
Cells positive with CD34, STAT6. Negative with SMA, DESMIN S100,
AE113, CD117.
Confirmed by second opinion of Prof C Fisher.

Suggested diagnoses:

<ul style="list-style-type: none">• SOLITARY FIBROUS VERSUS HAEMANGIOPERICYTOMA 5 EACH• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary Fibrous Tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary Fibrous Tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary Fibrous tumour• Solitary Fibrous Tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Tongue – Solitary fibrous tumor• Solitary fibrous tumour• Solitary fibrous tumour of tongue• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Nodular kaposis sarcoma	<ul style="list-style-type: none">• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour.• Solitary fibrous tumour• Solitary fibrous tumor• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour.• Solitary Fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary Fibrous tumour• Solitary fibrous tumour• Solitary Fibrous Tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour• Solitary fibrous tumour
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EDUCATIONAL CASE

DIGITAL ONLY CASE

Case Number: 755

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Diagnostic category: Educational

Clinical : M64. Bright rectal bleeding. At colonoscopy, a 15mm sessile polyp excised from distal sigmoid.

Specimen : Polyp

Macro : Fragments measuring up to 15mm in greatest dimension.

Suggested diagnoses:

<ul style="list-style-type: none"> • Villous adenoma with focal dysplasia • Serrated adenoma • Traditional serrated adenoma • Filiform serrated adenoma • Villous adenoma, low grade dysplasia • Serrated adenoma • Traditional serrated adenoma, low grade dysplasia • Serrated adenoma • Traditional serrate adenoma with low grade adenomatous dysplasia • Traditional Serrated adenoma-low grade dysplasia • Traditional serrated adenoma • Traditional serrated adenoma, low grade dysplasia • Traditional serrated adenoma with low grade dysplasia • A mixed adenomatous and serrated polyp of villous configuration with low grade dysplasia. • TRADITIONAL SERRATED ADENOMA (LOW GRADE DYSPLASIA) • Serrated adenoma • Traditional serrated adenoma with low grade dysplasia • Traditional Serrated adenoma • Serrated adenoma of large bowel 	<ul style="list-style-type: none"> • Traditional serrated adenoma(TSA) with low grade dysplasia • Villous adenoma with low grade dysplasia, excised • Traditional serrated adenoma • Traditional serrated adenoma • Traditional serrated adenoma • Traditional serrated adenoma • Villous adenoma with low grade dysplasia, excised • Traditional serrated adenoma • Sessile serrated adenoma/polyp • Traditional serrated adenoma • Serrated adenoma • <i>Don't know</i> • Serrated (villous) Adenoma with Low garde dysplasia • Tradtional serrated adenoma • Traditional serrated adenoma • Traditional serrated adenoma • Serrated adenoma –low grade dysplasia • Villous adenoma with low grade dysplasia • Villous adenoma with low grade dysplasia • TubuloVillous Adenoma (low Grade) • Sessile serrated lesion(adenoma) • Mixed polyp
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<p>mucosa with low grade dysplasia</p> <ul style="list-style-type: none"> • Traditional serrated adenoma with low-grade dysplasia • Traditional serrated adenoma • Serrated adenoma • FILIFORM SERRATED ADENOMA • Filiform serrated adenoma with low grade dysplasia • Traditional serrated adenoma • Traditional serrated adenoma with low grade dysplasia • Traditional serrated adenoma • Traditional serrated adenoma • Traditional serrated adenoma • TSA • Struggle with digital images • Serrated adenoma with low grade dysplasia • Traditional serrated adenoma with low grade dysplasia • Sessile serrated adenoma • Traditional serrated adenoma with low grade dysplasia • Traditional serrated adenoma • Traditional serrated adenoma • Traditional serrated adenoma • Traditional Serrated Adenoma • Traditional serrated adenoma, low grade dysplasia • Traditional serrated adenoma • SERRATED TYPE ADENOMA • Traditional Serrated Adenoma with low grade dysplasia • Traditional serrated adenoma • Serrated Adenoma • Traditional serrated adenoma • Traditional serrated adenoma • Serrated Adenoma with low grade dysplasia • SERRATED ADENOMA • Traditional serrated adenoma, focal low grade dysplasia • Serrated adenoma with high grade dysplasia • Hyperplastic polyp • Traditional serrated adenoma • Traditional Serrated Adenoma • Mixed hyperplastic adenomatous polyp • Traditional serrated adenoma low 	<ul style="list-style-type: none"> • VILLOUS ADENOMA WITH LOW GRADE DYSPLASIA • Traditional serrated adenoma • Serrated adenoma • Sessile Serrated Lesion with focal Low grade dysplasia • Villous Adenoma with Low grade dysplasia • Traditional serrated adenoma (low grade dysplasia) • Traditionally defined serrated adenoma • Traditional serrated adenoma • TRADITIONAL SERRATED ADENOMA • Traditional Serrated Adenoma • Traditional serrated adenoma • Villous adenoma with low grade dysplasia • Traditional serrated adenoma • Traditional serrated adenoma • Traditional serrated adenoma. • Traditional serrated adenoma with low grade dysplasia • Traditional Serrated Adenoma with low grade dysplasia • Sessile serrated adenoma with low grade dysplasia. • Mixed polyp • Traditional serrated adenoma with low grade dysplasia, Negative for invasion. • Traditional serrated adenoma with low grade dysplasia • Traditional serrated adenoma • serrated adenoma with dysplasia • TSA LG dysplasia • Traditional Serrated Adenoma with Low grade Dysplasia • Traditional Serrated adenoma • Tubulovillous adenoma, mainly low grade dysplasia, focal high grade dysplasia • Traditional serrated adenoma • Tubulovillous adenoma • Sessile serrated adenoma • Traditional serrated adenoma • Traditional serrated adenoma (with low grade dysplasia)
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<p>grade dysplasia</p> <ul style="list-style-type: none">• Traditional serrated adenoma (filiform variant) with low grade dysplasia• Traditional serrated adenoma• Sessile Serrated adenoma with low grade dysplasia• Traditional serrated adenoma with low grade dysplasia	<ul style="list-style-type: none">• Traditional serrated adenoma with Low grade dysplasia• Tubular adenoma – low-grade dysplasia• Polyp: Traditional serrated adenoma with florid vascular proliferation• Traditional serrated adenoma
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Reported Diagnosis: Traditional serrated adenoma with low grade dysplasia

DIGITAL ONLY CASE