

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%)

Prepared April 2019

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With thanks to those who contributed to this round:

Trust	ISO accreditation number
East Sussex Healthcare NHS Trust	8790
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Kings College NHS Foundation Trust	9705
Frimley Park Hospital NHS Foundation Trust	9727
Surrey and Sussex Healthcare NHS Trust	/
Epsom and St. Helier	8626
Guys and St Thomas' NHS Foundation Trust	9323
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Southend University Hospital Foundation Trust	/

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 / congenital	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 insertion, 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 Chorangiosis	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

- Reported Diagnosis:** Extrapleural solitary fibrous tumour.

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:

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|---|---|
| <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 • Traditional 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 |
|---|---|

- | | |
|---|---|
| <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) |
|---|---|

<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