

EQA 013

for the Nov 2017 workshops

Preliminary analysis of responses received

Case 1

Non-ulcerated solitary circumscribed scalp nodule, Male 44 yrs.

CONSULTANTS

Basal cell carcinoma

8

Trichoepithelioma

1

RESIDENTS

Basal cell carcinoma (including basosquamous carcinoma)

10

Trichoepithelioma

4

Dermal duct tumour

2

Cylindroma

2

Trichofolliculoma

1

Basaloid squamous cell carcinoma

1

Lupus vulgaris

1

TOTALS

30

Case 2

Forehead ulcerated hyperpigmented nodule female 56 yrs	
CONSULTANTS	
Basal cell carcinoma	3
Adenoid cystic carcinoma	3
No answer	1
Trichoepithelioma	1
Intradermal nevus	1
RESIDENTS	
Malignant Melanoma (with degenerative changes)	5
Basal cell carcinoma	4
Intradermal nevus	2
Benign skin adnexal tumour (nevus sebaceous)	2
Cystic nodular hidradenoma	1
Trichoepithelioma	1
No answer	1
Hidradenoma papilliferum	1
Seborrheic keratosis	1
Mucoepidermoid carcinoma	1
Acc. of eccrine glands	1
Apocrine papillary cystadenoma	1
TOTALS	30

Case 3

Mons pubis swelling/mass, 25 yrs, female	
CONSULTANTS	
Dermal duct tumour	2
Transitional carcinoma of Bartholins gland	1
Sweat gland carcinoma	1
Malignant skin adnexal tumour	1
Benign skin adnexal tumour (nodular/clear cell hidradenoma)	1
Eccrine poroma (dermal)	1
Porocarcinoma	1
Adenosquamous carcinoma	1
RESIDENTS	
Hidradenoma papilliferum	4
(clear cell)(nodular) hidradenoma	4
No answer	3
Squamous cell papilloma	2
Seborrheic dermatitis	2
Trichilemmoma	1
Hidradenoma (eccrine acrospiroma)	1
Proliferating trichilemmal cyst	1
Syringocystadenoma papilliferum	1
Plasmacytoma and hidradenoma papilliferum	1
Granular cell tumour	1
TOTALS	30

Case 4

vulval growth, labial mass, 40 yrs female

CONSULTANTS

Hidradenoma papilliferum (papillary hidradenoma)	6
Papillary cystadenoma	1
Apocrine cystadenoma	1
Hidrocystoma	1

RESIDENTS

Hidradenoma papilliferum	14
Benign skin adnexal tumour (basa cell fibroepithelioma)	2
Vaginal adenosis	1
Granular cell tumour	1
Cyst adenoma	1
Haemangioma	1
Ectopic thyroid tissue	1

TOTALS 30

Case 5

supra-pubic warts extending to lower abdomen	
CONSULTANTS	
Molluscum contagiosum	8
Mobilincus contagiosum	1
RESIDENTS	
Molluscum contagiosum	21
TOTALS	30

Case 6

forearm and palm warty hyperpigmented rashes, 61 yrs, female

CONSULTANTS

Verruca vulgaris (with microinvasive SCC)	3
Keratoacanthoma	2
Chronic granulomatous inflammation (granuloma annulare)	1
Actinic keratosis	1
Trichilemoma	1
Condyloma acuminatum	1

RESIDENTS

Verruca vulgaris	11
Keratoacanthoma	5
Palmaris vulgaris	2
Hypertrophic lichen planus	1
No answer	1
Melanomacanthoma	1

TOTALS 30

Case 7

leg mass, adult	
CONSULTANTS	
Eccrine poroma	4
Mucoepidermoid carcinoma	2
Squamous papilloma	2
Benign skin adnexal tumour (eccrine spiradenoma)	1
RESIDENTS	
Eccrine poroma	6
Porocarcinoma	3
Squamous cell carcinoma	3
Basal cell carcinoma	3
Nodular (clear cell) hidradenoma	2
Madura foot	2
Tumour of the follicular infundibulum (poroma or inverted follicular keratosis)	1
No answer	1
TOTALS	30

Case 8

70 yr old man, recurrent knee mass ? Incomplete initial excision of a circumscribed lesion

CONSULTANTS

Eccrine poroma	5
Trichofolliculoma	1
Trichilemmoma	1
Squamous cell carcinoma	1
Sebaceous adenoma	1

RESIDENTS

(Eccrine) spiradenoma	3
Trichilemmoma	2
Adenoid cystic carcinoma	2
Eccrine poroma	2
Basal cell carcinoma	2
Solid/nodular hidradenoma	2
Porocarcinoma (malignant eccrine poroma)	2
Trichilemmocarcinoma	1
Hybrid acrospiroma (clear cell hidradenoma + dermal duct tumour)	1
No answer	1
Sebaceous carcinoma	1
Spiradenocarcinoma	1
Squamous cell carcinoma	1

TOTALS 30

Case 9

nodular lesion on the cheek of a 13 yr old girl

CONSULTANTS

Ameloblastoma	2
Pilomatrixoma	2
Dermoid cyst	2
Molluscum contagiosum	1
Ruptured calcified trichilemmal/pilar cyst	1
Keratinizing odontogenic cyst	1

RESIDENTS

Ameloblastoma (multicystic)	4
No answer	3
Pilomatrixoma	3
Malignant melanoma	2
Epidermal inclusion cyst	2
Dermal duct tumour	1
Desmoplastic trichoepithelioma	1
Seborrheic keratosis	1
Basal cell adenoma	1
Fibroepithelioma of pinkus	1
Trichilemmal cyst	1
Chondrosarcoma	1

TOTALS

30

Case 10

skin nodule side of foot in 36 yr old man

CONSULTANTS

Ecrrine poroma

3

Verrucous carcinoma

2

Squamous cell carcinoma (well-differentiated)

1

Warts (Verrucae)

1

Benign keratinocytic tumour (acanthoma)

1

Seborrheic keratosis (with cutaneous horn)

1

RESIDENTS

Ecrrine poroma

11

Squamous cell carcinoma (verrucous)

3

Acrospiroma (irritated ecrrine poroma)

1

Benign skin adnexal tumour

1

Seborrheic keratosis (irritated, acanthotic)

1

Cavernous haemangioma

1

Ecrrine adenoma

1

No answer

1

Verrucae

1

TOTALS

30

Case 11

pigmented lesion plantar aspect of left foot in a 65 yr old female	
CONSULTANTS	
Malignant Melanoma (breslow thickness = , clark level = etc)	3
Compound nevus	2
Junctional nevus	2
Lichenoid dermatitis	1
Intradermal nevus	1
RESIDENTS	
Malignant Melanoma (breslow thickness = , clark level = etc)(acral lentigo MM)	6
Compound nevus	4
Dermal nevus	3
Junctional nevus	2
Lichen planus/lichenoid dermatitis	2
Nevus	2
Capillary haemangioma	1
No answer	1
TOTALS	30

Case 12

mole (? Malignant melanoma) from abdomen of a 43 yr old male

CONSULTANTS

Compound nevus	4
Complex nevus	1
Active/dysplastic nevus	1
Pagetoid spitz nevus	1
No answer	1
Malignant Melanoma (breslow thickness = , clark level = etc)	1

RESIDENTS

Compound (melanocytic) nevus	5
Naevus (intradermal)	3
Malignant Melanoma (breslow thickness = , clark level = etc)	3
Junctional nevus	3
Keloid	2
Dysplastic nevus	2
No answer	2
non-melanotic nevus	1

TOTALS

30

Case 13

mole (? Malignant melanoma) excised from the epigastrium of a 79 yr old man	
CONSULTANTS	
Malignant Melanoma (breslow thickness = , clark level = etc)	3
Compound nevus	2
Squamous cell carcinoma (Marjolin's ulcer)	2
Mole (? Dysplastic)	1
Complex nevus	1
RESIDENTS	
Malignant Melanoma (breslow thickness = , clark level = etc)	9
Lichen planus	3
Junctional nevus	2
Compound nevus	2
(Extra mammary) Paget's disease	2
No answer	2
Embryonal rhabdomyosarcoma	1
TOTALS	30

Case 14

73 yr old man with lesion left elbow ? Keratoacanthoma	
CONSULTANTS	
Malignant Melanoma (breslow thickness = , clark level = etc)	5
(Spindle cell) Squamous cell carcinoma	2
Dermato Fibro Sarcoma Protuberans	1
Fibrosarcoma	1
RESIDENTS	
Malignant Melanoma (breslow thickness = , clark level = etc)	7
Dermato Fibro Sarcoma Protuberans	4
Squamous cell carcinoma (poorly differentiated)	3
Malignant mesenchymal tumour	1
Malignant fibrohistiocyoma	1
Benign fibrous histiocyoma	1
Keratoacanthoma	1
Undifferentiated pleomorphic sarcoma of skin	1
Nodular fasciitis	1
No answer	1
TOTALS	30

Case 15

tender lump side of terminal phalanx right little finger in 34 yr old female. Lesional cells express SMA and CD34 in a strong uniform manner but are negative with S100 and cytokeratins

CONSULTANTS

Glomus tumour	8
Benign adnexal tumour (dermal poroma, hidradenoma)	1

RESIDENTS

Glomus tumour (glomangioma)	12
Chondroid syringoma	2
No answer	2
Digital fibroma	1
Paraganglioma	1
Merkel cell carcinoma	1
Dermatofibroma	1
Malignant acrospiroma	1

TOTALS	30
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Case 16

right wrist papule present for a few years in a 64 yr old female.

CONSULTANTS

Dermatofibroma	8
Dermato Fibro Sarcoma Protuberans	1

RESIDENTS

Dermatofibroma	12
Dermato Fibro Sarcoma Protuberans	4
Neurofibroma	2
Benign fibrous histiocyoma	1
No answer	1
Dermatomyofibroma	1

TOTALS	30
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Case 17

18 yr old male, lesion right side of chest

CONSULTANTS

Lepromatous leprosy (chronic granulomatous inflammation probably leprosy)	2
Tuberculoid dermatitis	2
Dermatofibroma (juvenile xanthogranuloma, with areas of xanthogranulomatous inflammation)	2
Juvenile xanthogranuloma	1
Foreign body granuloma	1
Granuloma annulare	1

RESIDENTS

Xanthogranuloma (juvenile)	8
No answer	3
Chronic granulomatous inflammation	3
Lepromatous leprosy	1
Chronic inflammatory lesion	1
Xanthoma/xanthelasma	1
Hidradenitis suppurativa	1
Benign fibrohistiocytic tumour	1
Histiocytosis	1
Melanoma	1

TOTALS

30

Case 18

adult male with mass in left inguinal region. Lesional cells have strong uniform expression of CD34 but are negative with S100, desmin and CD31

CONSULTANTS

Dermato Fibro Ssarcoma Protuberans	3
No answer	2
Kaposi sarcoma	1
Leiomyoma	1
Fibrosarcoma	1
Cellular schwannoma	1

RESIDENTS

Dermato Fibro Sarcoma Protuberans	14
Spindle cell lipoma	2
Dermatofibroma	1
Benign fibrous histiocyoma	1
No answer	1
Cellular schwannoma	1
Endothelioma	1

TOTALS

30

Case 19

right upper lid mass of 2 months duration in 3 yr old female. Lesional cells have strong uniform expression of desmin and sarcomeric actin but are negative with S100 and cytokeratins.

CONSULTANTS

(Embryomal) rhabdomyosarcoma	6
Leiomyoma	1
Carcinosarcoma (malignant mixed tumour)	1
No answer	1

RESIDENTS

(Embryomal) (alveolar) (pleomorphic) rhabdomyosarcoma	10
No answer	5
Squamous cell carcinoma	2
Chalazion	1
Leiomyosarcoma	1
Leiomyoma	1
Carcinosarcoma	1

TOTALS	30
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Case 20

female 54 yrs with abdominal swelling of 10 yrs duration. Solid cystic right ovarian mass found at operation. Tumour cells express CD56 but are negative with WT-1 and GCDPF-15

CONSULTANTS

Mature cystic teratoma plus carcinoid/neuroendocrine tumour	3
Ovarian carcinoid	2
Ovarian neuroendocrine carcinoma	1
Immature teratoma (with neuroendocrine features)	1
No answer	1
Paraganglioma	1

RESIDENTS

(well differentiated) Neuroendocrine (carcinoid) tumour	9
No answer	3
(Mature cystic) teratoma	2
Dysgerminoma metastatic to skin	1
Metastatic ovarian neuroectodermal tumour	1
Mature cystic teratoma with small cell carcinoma of the ovary	1
Granular cell tumour	1
Monodermal teratoma	1
Neuroendocrine carcinoma + dermoid cyst	1
Granulosa cell tumour	1

TOTALS

30

Case 21

48 yr old man lymph node excision biopsy (site not specified). Tumour cells express AE1/3 and HepPar1 but are negative with S100

CONSULTANTS

(Metastatic) hepatocellular carcinoma	6
Metastatic clear cell carcinoma ? renal origin	1
No answer	1
Metastatic hepatoid adenocarcinoma (from stomach or colon)	1

RESIDENTS

(Metastatic) hepatocellular carcinoma	10
Metastatic clear cell carcinoma (renal)	5
No answer	2
Metastatic carcinoma	2
Metastatic hepatoid carcinoma	2

TOTALS	30
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Case 22

male 25 yrs with retroperitoneal tumour 21 x 15 x 15 cm tightly covered by sigmoid/transverse colon mesentery. Tumour cells have strong uniform expression of CD34 but are completely negative with S100, EMA, desmin, AE1/3, CD117 and DOG-1. Ki-67 index = 1%

CONSULTANTS

Gastro-Intestinal Stromal Tumour (high risk)	3
No answer	2
Dermatofibrosarcoma protuberans	2
Vascular leiomyoma	1
Solitary fibrous tumour	1

RESIDENTS

Dermatofibrosarcoma protuberans	8
Solitary fibrous tumour	2
No answer	2
Gastro-Intestinal Stromal Tumour (malignant)	2
Fibrosarcoma	1
Fibromatosis	1
Leiomyoma	1
Spindle cell tumour	1
Haemangiopericytoma	1
Intermediate grade sarcoma/malignant fibrous histiocytoma	1
Benign fibrous histiocytoma	1

TOTALS	30
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Case 23

male 63 yrs with upper abdominal swelling gradually increasing in size for 4 yrs. Early satiety and weight loss, no constipation or vomiting. Intra-op finding of solid mass 30 x 30 x 20 cm arising from lesser curvature of stomach. Tumour cells express CD34, CD117 and DOG-1 with a Ki-67 index of 1%. They are negative with S100 and desmin.

CONSULTANTS

Gastro-Intestinal Stromal Tumour (high risk)

8

No answer

1

RESIDENTS

Gastro-Intestinal Stromal Tumour (high risk, malignant)

18

No answer

2

Leiomyoma

1

TOTALS

30

Case 24

left popliteal soft tissue mass in a 31 yr old man. Patchy strong expression of S100 by tumour cells which are completely negative for cytokeratins and CD31.

CONSULTANTS

Liposarcoma (pleomorphic)	6
Atypical lipomatous tumour	1
No answer	1
Hibernoma	1

RESIDENTS

Liposarcoma (liposarcoma)	12
No answer	5
Benign fibrohistiocytic tumour	2
Nodular fasciitis	1
Schwannoma	1

TOTALS	30
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Case 25

excision of previously (histologically) diagnosed DFSP in 70 yr old male (site not stated). Tumour cells have strong uniform expression of CD34 and very focal/patchy expression of S100 in a small minority of cells. They are negative with desmin, EMA, NFP and broad spectrum cytokeratins

CONSULTANTS

Dermato Fibro Sarcoma Protuberans (residual/recurrent)	5
Fibrosarcoma	3
No answer	1

RESIDENTS

Dermato Fibro Sarcoma Protuberans (residual/recurrent)(with fibrosarcomatous transformation)	14
Fibrosarcoma	3
No answer	3
MPNST	1

TOTALS	30
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List of participants – many thanks!

CONSULTANTS		RECEIVED FROM GHANA
ehgla	Mercury	Jewels (consultant)
TSL4real	Longine	IJE17 (resident)
KPEB 22	OLAT	mat100787 (resident)
DD02	ATURU44	
RESIDENTS		
CHENGSHONGDEL	placebo	
737	XINUS	
olumo	Francobarexy	
UBE	HMB45	
JOHNHOPKINS 17	oi10	
h.m	atrat	
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STATES REPRESENTED		
Taraba	Oyo	
Edo	Akwa Ibom	
Lagos	Abuja	
Diaspora		