

ref	Code	Case	Diagnosis	Comment	Score
3179	109	AP269	Hepatocellular carcinoma, liver cirrhosis (100%)	nil	70
3335	222	AP269	clear cell HCC	nil	60
3253	246	AP269	Hepatocellular carcinoma with clear cell changes (100%)	nil	60
3339	333	AP269	Combined hepatocellular-cholangiocellular carcinoma with stem-cell features, arising in cirrhosis.	nil	98
3194	338	AP269	HEPATOCELLULAR CARCINOMA possibly with stem cell component, in a background of chronic hepatitis B, grade 0, no activity, stage 4, cirrhosis. 100%	The stem cell component can be confirmed by CK19 positivity. The other differential is clear cell HCC with the abundant glycogen and fat highlighted by PAS+D and fat stain respectively.	90
3171	369	AP269	Combined hepatocellular-cholangiocarcinoma with stem cell-like feature.(100%)	nil	90
3092	448	AP269	Liver - Hepatocellular carcinoma and cirrhosis 100%	nil	70
3271	515	AP269	Hepatocellular carcinoma with cirrhosis of liver	nil	70
3237	517	AP269	Hepatocellular carcinoma 100%.	nil	60
3303	530	AP269	Combined hepatocellular cholangiocarcinoma with stem cell features.	nil	90
3146	663	AP269	LIVER - HEPATOCELLULAR CARCINOMA	nil	60
3319	762	AP269	Combined hepatocellular carcinoma and cholangiocarcinoma; Liver cirrhosis. (100%)	nil	90
3367	762	AP269	Combined hepatocellular carcinoma and cholangiocarcinoma; Liver cirrhosis. (100%)	nil	90

3208	763	AP269	Hepatocellular carcinoma, cirrhosis	nil	70
3287	794	AP269	hepatocellular carcinoma with clear cell change; cirrhosis (100%)	nil	70
3118	873	AP269	Moderately differentiated hepatocellular carcinoma, with clear cell change, in background of cirrhosis. (100% Probability)	nil	70
3108	888	AP269	Pedunculated hepatocellular carcinoma	IHC for alpha-fetoprotein, glypican-3, polyclonal carcinoembryonic antigen, HepPar1 and ISH for albumin	60
3156	911	AP269	Hepatocellular carcinoma (100%) arising in a background of cirrhosis.	nil	70
3184	109	AP270	Adenocarcinoma (Cholangiocarcinoma), arising from recurrent pyogenic cholangitis with high grade biliary intraepithelial neoplasia (dysplasia). (100%)	nil	90
3336	222	AP270	intrahepatic choleangiocarcinoma	nil	80
3254	246	AP270	Invasive ductal adenocarcinoma arising from intraductal papillary biliary neoplasm with high grade intraepithelial neoplasia; in a background consistent with recurrent pyogenic cholangitis (100%)	nil	100
3342	333	AP270	Cholangiocarcinoma arising in a background of biliary intraepithelial neoplasm in recurrent pyogenic cholangitis.	nil	90
3196	338	AP270	CHOLANGIOCARCINOMA ARISING FROM RECURRENT PYOGENIC CHOLANGITIS WITH low to high grade dysplasia. 100%	nil	90
3193	369	AP270	Cholangiocarcinoma with biliary intraepithelial neoplasia grade 3 (BillIN-3).(100%)	nil	90

3093	448	AP270	Liver - cholangiocarcinoma 100%	nil	80
3272	515	AP270	Cholangiocarcinoma (adenocarcinoma) with biliary intraepithelial neoplasia in biliary ducts. 100%	nil	90
3238	517	AP270	Cholangiocarcinoma. 100%	nil	80
3304	530	AP270	Cholangiocarcinoma associated with intraductal papillary neoplasm, high grade.	nil	100
3148	663	AP270	LIVER, left hemihepatectomy - BILIARY CYSTADENOCARCINOMA.	nil	50
3333	762	AP270	Adenocarcinoma arising from biliary intraepithelial neoplasia. (100%)	nil	90
3209	763	AP270	Biliary papillomatosis with dysplasia and invasive adenocarcinoma	nil	100
3288	794	AP270	adenocarcinoma, arising in intraductal papillary neoplasm of intrahepatic bile ducts (100%)	nil	100
3119	873	AP270	Cholangiocarcinoma arising from intraductal papillary neoplasm and dysplasia of the bile duct. (100% probability)	nil	100
3109	888	AP270	Intraductal papillary neoplasm of bile duct with invasive adenocarcinoma	nil	100
3157	911	AP270	Cholangiocarcinoma arising in a background of intraductal papillary biliary neoplasm.	nil	100
3186	109	AP271	Anal intraepithelial neoplasia, high grade; condyloma. (100%)	nil	100
3337	222	AP271	Bowenoid papulosis	Ddx: Bowen 僣 disease	80
3255	246	AP271	Benign squamous proliferative lesion of viral etiology; High grade anal intraepithelial neoplasia (100%)	nil	100
3346	333	AP271	High grade anal squamous intraepithelial neoplasia (ASIN 3); Condyloma	nil	100

3197	338	AP271	Anal intraepithelial neoplasia 3 (AIN 3) on condyloma accuminatum.	nil	100
3172	369	AP271	Bowen disease and epidermolytic hyperkeratosis/acanthoma.(100%)	nil	100
3094	448	AP271	Anal skin - Squamous cell carcinoma-in-situ (Bowen disease) and presence of koilocytes (HPV infection) 100%	nil	100
3273	515	AP271	Severe squamous dysplasia to carcinoma in-situ 100%	resection margin positive; adjacent squamous papilloma present.	100
3239	517	AP271	Bowen's disease, probably in a viral wart. 100%.	nil	100
3305	530	AP271	Anal intraepithelial neoplasia III (W.H.O. Anal intraepithelial neoplasia, high grade) with adjacent lesion with features of Epidermolytic hyperkeratosis.	nil	100
3153	663	AP271	ANUS - VIRAL WART and BOWENOID PAPULOSIS.	nil	80
3320	762	AP271	Wart with moderate dysplasia. (100%)	Deeper to exclude Bowen's disease.	90
3210	763	AP271	Bowen 儂 disease with 濇arty?squamous lesion	Suggest ISH for EBER and PCR for HPV	100
3289	794	AP271	high grade dysplasia and viral warts (100%)	nil	100
3127	873	AP271	Bowenoid change and condyloma acuminata, need to correlate clinically with bowenoid papulosis. (100% Probability)	nil	80
3110	888	AP271	Bowen's disease and human papilloma virus infection	Immunostaining or in-situ hybridization for human papilloma virus	100
3158	911	AP271	Anal intraepithelial neoplasia, grade III.	The adjacent squamous epithelium shows features suggestive of wart.	100
3188	109	AP272	Symplastic glomus tumour. (100%)	nil	100

3338	222	AP272	Symplastic glomus tumor	nil	100
3256	246	AP272	Symplastic glomus tumour (100%)	Confirmed by postivity to smooth muscle actin and low Ki67 on immunostaining	100
3199	338	AP272	Symplastic glomus tumor.	Actin+ and Vimentin+	100
3173	369	AP272	Symplastic glomus tumor.(100%)	nil	100
3095	448	AP272	Right index finger subungual mass: malignant peripheral nerve sheath tumour 50% malignant glomus tumour 40% extrasketal myxoid chondrosarcoma 10%	nil	30
3274	515	AP272	Glomus tumor with atypia (symplastic glomus tumor) 100%	Immunostaining for smooth muscle actin (positive), desmin (negative) and S-100 protein (negative) will be helpful.	100
3240	517	AP272	Symplastic glomus tumour. 100%	In the section, a mitotic figure is seen, which is suspicious of an atypical mitotic figure. But it is not very clearly shown. Deeper sections and more blocks are advised to clarify this.	100
3306	530	AP272	Symplastic glomus tumor.	nil	100
3143	663	AP272	Right index finger subungual mass - Malignant glomus tumor	nil	60
3332	762	AP272	Symplastic glomus tumor. (100%)	Immunohistochemical stain for smooth muscle actin.	100
3212	763	AP272	Glomus tumor with cellular atypia (symplastic)	nil	100
3290	794	AP272	symplastic glomus tumour (100%)	nil	100

3121	873	AP272	Symplastic glomus tumour (100% Probability)	nil	100
3111	888	AP272	Eccrine carcinoma	nil	0
3159	911	AP272	Glomus tumour of uncertain malignant potential.	nil	80
3189	109	AP273	Spindle cell lipoma. (100%)	CD34 positive.	100
3340	222	AP273	spindle cell lipoma	nil	100
3257	246	AP273	Spindle cell lipoma (100%)	nil	100
3351	333	AP273	Spindle cell lipoma	nil	100
3200	338	AP273	spindle cell lipoma	nil	100
3174	369	AP273	Spindle cell lipoma.(100%)	nil	100
3096	448	AP273	Posterior neck mass - Spindle cell lipoma 100%	nil	100
3275	515	AP273	Spindle cell lipoma 100%	positive immunostaining for CD34 in spindle cells, negative for S-100 protein.	100
3241	517	AP273	Atypical lipoma. 100%.	nil	70
3307	530	AP273	Spindle cell lipoma.	nil	100
3151	663	AP273	SOFT TISSUE mass, posterior neck - SPINDLE CELL LIPOMA	nil	100
3321	762	AP273	Spindle cell lipoma (100%)	nil	100
3213	763	AP273	Spindle cell lipoma	nil	100
3291	794	AP273	spindle cell lipoma (100%)	nil	100
3122	873	AP273	Spindle cell lipoma/ pleomorphic lipoma. (100% Probability)	nil	100
3112	888	AP273	Spindle cell lipoma	nil	100
3160	911	AP273	Pleomorphic lipoma.	nil	90

3190	109	AP274	Myofibroma. (100%)	nil	100
3341	222	AP274	soft tissue myoepithelioma	nil	50
3258	246	AP274	Myofibroma (100%)	Correlate clinically for solitary or multicentric lesions	100
3353	333	AP274	Myofibroma	nil	100
3201	338	AP274	myofibroma	actin+, vimentin+, S100-	100
3175	369	AP274	Myofibroma.(100%)	nil	100
3097	448	AP274	Calf mass - myofibroma 100%	nil	100
3276	515	AP274	Benign chondromyxoid spindle cell tumor. Differential diagnoses: Myoepithelioma with chondromyxoid stroma (80%), chondroid syringoma (10%), myofibroma (10%)	More sampling of the tumor essential to rule out any ductal component. Immunostaining for S-100 protein, actin, desmin, vimentin, p63 and cytokeratin helps. Myoepithelioma (S-100 protein, actin, p63 positive).	50
3242	517	AP274	Myofibroma 70%. Mesenchymal chondrosarcoma 30%.	nil	70
3308	530	AP274	Extraskeletal mesenchymal chondrosarcoma.	nil	0
3150	663	AP274	RIGHT CALF MASS - MYOFIBROMA	nil	100
3322	762	AP274	Myofibroma (100%)	nil	100
3214	763	AP274	Myofibroma	nil	100
3292	794	AP274	myofibroma (100%)	nil	100
3123	873	AP274	Myofibroma (100% Probability)	nil	100
3113	888	AP274	Angioleiomyoma with myxoid change	Immunostains for smooth muscle actin,	80

				CD34 and CD31	
3161	911	AP274	Myofibroma.	nil	100
3192	109	AP275	Inflammatory fibroid polyp. (100%)	nil	100
3343	222	AP275	inflammatory fibroid polyp	nil	100
3259	246	AP275	Inflammatory fibroid polyp (100%)	nil	100
3356	333	AP275	Inflammatory fibroid polyp	nil	100
3203	338	AP275	Inflammatory fibroid polyp in a background of chronic gastritis with intestinal metaplasia. 100%	Remote possibility: to do S100 to exclude neuromatous proliferation eg. ganglioneuromatosis and Cowden's syndrome etc.	100
3176	369	AP275	Inflammatory fibroid polyp.(100%)	nil	100
3098	448	AP275	Gastric polyp - Peutz-Jegher polyp and neurofibroma 85% Involvement of polyp by GIST 15%	Immunohistochemical workup required (S100 protein, CD117, CD34)	30
3277	515	AP275	Adenomyomatous hamartoma, benign 100%	nil	30
3243	517	AP275	Inflammatory fibroid polyp. 100%.	nil	100
3309	530	AP275	Inflammatory fibroid polyp.	nil	100
3141	663	AP275	Inflammatory fibroid polyp	nil	100
3323	762	AP275	Inflammatory fibroid polyp with intestinal metaplasia. (100%)	nil	100
3216	763	AP275	Inflammatory fibroid polyp	nil	100
3293	794	AP275	Inflammatory fibroid polyp (100%)	nil	100
3124	873	AP275	Favour: inflammatory fibroid polyp, ddx: hamartomatous polyp, perform CD34 (100% Probability)	nil	100
3114	888	AP275	inflammatory fibroid polyp	nil	100

3162	911	AP275	Inflammatory fibroid polyp.	nil	100
3195	109	AP276	Amyloid deposit (100%)	Congo red stain - salmon red colour, apple green birefringence under polarized light	100
3344	222	AP276	Amyloid change	nil	100
3260	246	AP276	Amyloidosis (100%)	Confirmed by Congo red staining (salmon red coloration and apple green birefringence)	100
3358	333	AP276	Amyloidosis	To confirm diagnosis with congo red stain	100
3205	338	AP276	Amyloidosis. 100%	Confirmed by congo red stain. Remote ddx: Alcian blue with hyaluronidase to exclude stromal mucin deposits.	100
3177	369	AP276	Amyloid.(100%)	Do Congo red stain to see the apple green birefringence under polarized light.	100
3099	448	AP276	Tongue - amyloidosis 100%	Congo Red staining with polarized light examination for confirmation	100
3278	515	AP276	Amyloidosis >90%	Congo red stain with apple green birefringence to confirm amyloid.	100
3244	517	AP276	Amyloidosis. 100%	nil	100
3310	530	AP276	Amyloidosis (Tumor forming amyloid of the tongue).	nil	100
3145	663	AP276	TONGUE - Suggestive of AMYLOIDOSIS. I would recommend performing congo red stain to confirm the presence of amyloid.	nil	100

3324	762	AP276	Amyloidosis (100%)	Congo red stain for confirmation.	100
3217	763	AP276	Amyloidosis	nil	100
3294	794	AP276	amyloidosis (100%)	nil	100
3132	873	AP276	Subepithelial hyalinized deposit, ddx: amyloid, lipoid proteinosis, perform congo red, crystal violet. (100% Probability)	nil	100
3126	873	AP276	Subepithelial hyalinized deposit, ddx: amyloid, lipoid proteinosis, perform congo red, crystal violet (100% Probability)	nil	100
3115	888	AP276	Amyloidosis	Congo red, crystal violet and green birefringence, Masson trichrome, immunostains for light chains differential diagnoses: sclerosed hemangioma, hyalinized solitary fibrous tumor	100
3163	911	AP276	Amyloidosis.	nil	100