

**Ghana and Nigeria National Diagnostic Histopathology EQA circulation 017 (For the November 2019 TSL workshops). Mastersheet**

**Part I: General pathology:**

1. 62 year old Male with polyp from the pylorus: slide 1. **DIAGNOSIS:** Brunners gland hamartoma
2. 60 year old M, large red indurated plaque on left groin: slide 2a = H/E, 2b = CK20, 2c = CK7, 2d = p63. **DIAGNOSIS:** Extramammary Pagets.
3. 75 year old F, endometrial curretings: slide 3a = H/E, 3b = CK7, 3c = CK20, 3d = CDX2, 3e = ER. **DIAGNOSIS:** Metastatic adenocarcinoma from the colon
4. 30 year old F, low grade dyskaryosis on smear: slide 4a = H/E, 4b = p16, 4c = Ki-67. **DIAGNOSIS:** CIN 1, at worst.
5. 62 year old M, CT shows lung mass, ex-smoker. **DIAGNOSIS:** Non-small cell squamous carcinoma
6. 40 year old M, excision lesion left arm. **DIAGNOSIS:** Eccrine Spiradenoma
7. Skin lesion, 57 yr F. **DIAGNOSIS:** Basal cell carcinoma and Molluscum Contagiosum
8. Multiple scrotal cyst in a young man. **DIAGNOSIS:** Scrotal calcinosis
9. Ovarian cyst in a 58 year old. **DIAGNOSIS:** Benign serous cystadenofibroma
10. 26 year old M with cyst on the right side of the nose. **DIAGNOSIS:** Chondroid syringoma

**Part II: Non-gynaecological cytology**

11. FNA right breast U2 lesion, female 53 yrs. Slide 11a = PAP, 11b = MGG. **DIAGNOSIS:** Fibroadenoma, C2
12. FNA right axilla indeterminate lymph node with thickened cortex, female 51 yrs. Slide 12a = PAP, 12b = MGG. **DIAGNOSIS:** metastatic lobular carcinoma.
13. FNA right breast, previous mastectomy. Female 55yrs. Slide 13a = PAP, 13b = MGG. **DIAGNOSIS:** Fat necrosis
14. FNA left neck, palpable nodule on skin, history of breast cancer. Female 95yrs. Slide 14a = PAP, 14b = MGG. **DIAGNOSIS:** Granulomatous inflammation, No malignant cells seen.

15. Right breast FNA, inspissated cyst U2, female 44 yrs. Slide 15 = MGG. **DIAGNOSIS:** Papillary neoplasm C3
16. Female 72 yrs, FNA left breast lump. Slide 16a = PAP, 16b = MGG. **DIAGNOSIS:** Breast carcinoma C5
17. Left pleural fluid, female 66 yrs. Slide 17a = cytospin PAP, 17b = cell block, 17c = GATA3, 17d = BerEp4, 17e = Calretinin. **DIAGNOSIS:** Breast carcinoma metastasis in pleural fluid.
18. FNA right parotid lump, female 18 yrs. Slide 18a = PAP, 18b = MGG. **DIAGNOSIS:** pleomorphic adenoma
19. FNA right parotid tail hypoechoic 1 cm lesion. Female 66 yrs. Slide 19a = PAP, 19b = MGG. **DIAGNOSIS:** Warthin's tumour
20. FNA, recurrent right parotid tumour, 68 yr old F. Previous surgery 2014 Slide 20a = PAP, 20b = MGG. **DIAGNOSIS:** Oncocytic tumour of parotid gland.
21. Male 28 yrs. FNA right neck lymph node/cystic lesion - ?TB, ? branchial cyst, exclude malignant cells. Slide 21a = PAP, 21b = MGG. **DIAGNOSIS:** lymphoepithelial cyst R/O cystic metastatic well differentiated SCC. Cannot exclude low-grade lymphoma
22. FNA thyroid U2/3 nodule right lobe/isthmus junction. Female 42. Slide 22a = PAP, 22b = MGG. **DIAGNOSIS:** THY3F
23. Left thyroid nodule FNA U2/U3, Female 83 yrs. Slide 23a = PAP, 23b = MGG. **DIAGNOSIS:** THY2
24. FNA suspicious nodule U3/U4 in right thyroid lobe. Female 67 yrs. Slide 24a = PAP, 24b = MGG. **DIAGNOSIS:** THY5 papillary carcinoma.
25. FNA U4 nodule left lobe of thyroid, male 56 yrs. Slide 25a = PAP, 25b = MGG. **DIAGNOSIS:** THY5 papillary carcinoma