

Date: December 2016
Reference: UKEPS/PM(ST)

UKEPS Circulation 32 - Diagnoses

1. F 48. Relapsed Graves. On carbimazole. Total thyroidectomy. Total thyroidectomy weighing 36g comprising right lobe measuring 46x32x28mm, isthmus and left lobe 18x10x9mm. No mass lesions in right lobe. In left there is pale nodule, 17mm. TS.

TREATED GRAVE'S THYROIDITIS

2. M 26. Large soft swelling THY1. Left thyroid lobe, 102g, 90x50x50. Nodular lesion 70mm in widest dimension. Well defined, cut surface admixture of solid areas and cystic spaces with interspersed haemorrhage. TS from Doncaster.

FOLLICULAR ADENOMA

3. F, 29. History of carotid body tumour, SDHB mutation positive. Now has 2 nodules in lung (RML and RUL). Right VATS wedge resection of nodules. White nodules in both samples 4, 5 and 2mm. MM.

METASTATIC PARAGANGLIOMA

4. M 69. Possible parathyroid cancer. Ca²⁺ increase ++. PTH ++++. Left hemithyroidectomy and left inferior parathyroid. Abridged MACRO: cut surface shows a firm gritty solid pale tumour. Well defined with slightly infiltrative borders. Possible central necrosis. 20x17x10mm. Lesion may be adjacent to rather than within the thyroid capsule. SJ

PARATHYROID CARCINOMA

5. F 77. Left adrenal cancer. Mass 500g, 140x125x50mm. Necrotic cut surface. Focally extends through residual adrenal cortex. Tumour at specimen margin. SJ

ADRENOCORTICAL CARCINOMA

6. M 83. Large left MNG with compression symptoms. Two irregular PsOT, together 49g. 75 and 35mm in maximum extent. Cut surface smaller is pale. Larger contains multiple pale nodules largest 27mm. TS, MF.

DIFFUSE LARGE B CELL NON-HODGKIN LYMPHOMA

7. F 43, adrenalectomy.

ADRENOCORTICAL ADENOMA

(Note: Melan A, Inhibin, synaptophysin, CD56 positive but chromogranin negative)

8. Age and Sex Unknown. Left paravertebral mass resection. Biopsy suggested neurofibroma. Lobulated mass 67mm in maximum extent. Partly encapsulated with cautery artefact. White whorled homogenous cut surface. No cystic change or necrosis. MM.

GANGLIONEUROMA

9. F 47. Right hemithyroidectomy following THY4 cytology. TS, from Chesterfield.

WARTHIN-LIKE PAPILLARY THYROID CARCINOMA

10. F, 53. Total thyroidectomy and limited right central neck dissection. Thyroid cancer. Right lobe mass 22mm in maximum extent. Left lobe 2 pale lesions, one calcified (6 and 7mm). One of the LL lesions is classical PTC. Sections are of Right Lobe lesion. TS.

ENCAPSULATED, FOLLICULAR VARIANT PAPILLARY THYROID CARCINOMA.

PM – December 2016