**Table 1.** Prevalence and clinical features of adrenal incidentalomas

| Nature of incidentaloma | Prevalence % | Clinical features |
|---|---|---|
| 1. Adrenal cortical tumors | 70-94 | 1. SCS: Usually no symptoms or overweight, central obesity, hypertension, osteoporosis, diabetes mellitus or glucose intolerance, lipid abnormalities<br>2. APA: No symptoms or hypertension, hypokalemia (nocturia, polyuria, muscle cramps, palpitations), hypernatriemia<br>3. ACC: No symptoms or mass-effect symptoms (abdominal pain), symptoms related to hypersecretion of cortisol, aldosterone, androgens (hisruitism, acne, oligo- or amenorrhea, oily skin) or estrogens (gynecomastia) |
| 1.1. Benign non-functioning adenoma | 71-84 | |
| 1.2. Subclinical Cushing's syndrome (SCS) | 9 (range 1-29) | |
| 1.3. Aldosterone producing adenoma (APA) | 1.6-3.3 | |
| 1.4. Nodular hyperplasia | 7-17 | |
| 1.5. Adrenal carcinoma (ACC) | 4 (1.2-11)<br>(in terms of size, 2% of masses <4 cm, 6% 4.1-6cm and 25% >6 cm) | |
| 2. Adrenal medullary tumors | | PHEO: asymptomatic or headache, palpitations, diaphoresis, hypertension (paroxysmal or sustained), orthostatic hypotension, pallor, retinopathy, tremor and fever, part of a familiar syndrome |
| 2.1. Pheochromocytoma (PHEO) | 1.5-11 | |
| 2.2. Ganglioneuroma | 0-6 | |
| 2.3. Ganglioneuroblastoma, neuroblastoma, carcinoma | <1 | |
| 3. Other adrenal tumors | | Asymptomatic or mass-effect symptoms (abdominal pain) or adrenocortical dysfunction in 10% (Addison's disease, Cushing's syndrome, hyperadrogenism, hypertension) |
| 3.1. Myelolipoma | 7-15 | |
| 3.2. Lipoma | 0-11 | |
| 3.3. Lymphoma, haemangioma, angiomyolipoma | <1 | |
| 4. Cysts and pseudocysts | 4-22 | Asymptomatic or mass-effect symptoms (abdominal pain) |
| 5. Haematoma and haemorrhage | 0-4 | Asymptomatic or mass-effect symptoms (abdominal pain) |
| 6. Infections, granulomas | <1 | Asymptonatic or general symptoms |
| 7. Metastases (lung, liver, breast, kidney, melanoma) | 2.5 (0-21) | Cancer-specific signs |
| 8. Pseudoadrenal masses (stomach, pancreas, kidney, liver, lymph node, vascular lesions, technical artifacts) | 0-10 | Asymptomatic |