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Imaging The Adrenal Gland

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The adrenal glands are complex endocrine organs which secrete several hormones critical to the body's endocrine functions.

This presentation represents a review and overview of the common clinical presentations of adrenal gland pathology and highlights the appropriate imaging modalities which should be employed to make an accurate diagnosis.

Although all imaging modalities can impact on the diagnosis of adrenal pathology CT and MRI are the most useful, with nuclear imaging having an increasing role.

Both endocrine and non-endocrine adrenal conditions will be considered, including adrenal adenomas, hyperplasia, cysts, phaeochromocytoma, Cushing's disease, Conn's tumour, carcinoma and metastases.