



RAMA  
UNIVERSITY

[www.ramauniversity.ac.in](http://www.ramauniversity.ac.in)

FACULTY OF NURSING



# M.S.N 1<sup>ST</sup> UNIT-8<sup>TH</sup>

## ADRENAL TUMOR

**RADHA DEVI  
NURSING TUTOR  
M.S.N DEPARTMENT  
RAMA UNIVERSITY**

# ADRENAL TUMOR

**DEFINITION:** Adrenal tumor are cancerous or non cancerous growth on the adrenal glands. The cause of most adrenal tumors is unknown.

# CAUSES

- Tumor of adrenal medulla
- Genetical cause
- Radiation
- idiopathic

# SIGN AND SYMPTOMS

- Bruising
- High blood pressure
- Weakness
- High blood sugar levels or diabetes
- Low potassium levels
- Excessive hair growth
- Sweating
- Increased weight or weight loss
- Stretch marks on the abdomen
- Depressed mood
- Nervousness
- Anxiety/panic attacks
- osteoporosis
- Fat deposits on the neck
- Heart palpitations



# DIAGNOSIS

- X-ray
- C.T. Scan
- M.R.I
- Level of catecholamines

# MANAGEMENT

- **Surgery:**
- Surgery is the removal of the tumor and, if necessary, some surrounding healthy tissue during an operation. Adrenalectomy is the surgical removal of the adrenal gland with the tumor. This may be needed to treat an adrenal gland tumor. A surgical endocrinologist is a surgeon who specializes in treating an endocrine tumor using surgery.

# Hormone therapy

- Because adrenal gland tumors may produce excess hormones, the doctor may prescribe various medications to control the levels of these hormones before, during, or after other treatments. For example, if the tumor is a pheochromocytoma that is producing excess catecholamines, the patient may need a drug to lower the levels of these body chemicals before additional treatment can be given. Or, after surgery for an adrenocortical carcinoma that produces hormones, a patient may need medication to block the effects of excess cortisol. These drugs include metyrapone (Metopirone), metyrosine (Demser), spironolactone (Aldactone), and streptozocin (Zanosar).



# Chemotherapy

- Chemotherapy is the use of drugs to destroy tumor cells, usually by stopping the cells' ability to grow and divide. Chemotherapy is given by a medical oncologist, a doctor who specializes in treating a tumor with medication.

## Radiation therapy

- Radiation therapy is the use of high energy x-rays or other particles to destroy tumor cells. A doctor who specializes in giving radiation therapy to treat a tumor is called a radiation oncologist.