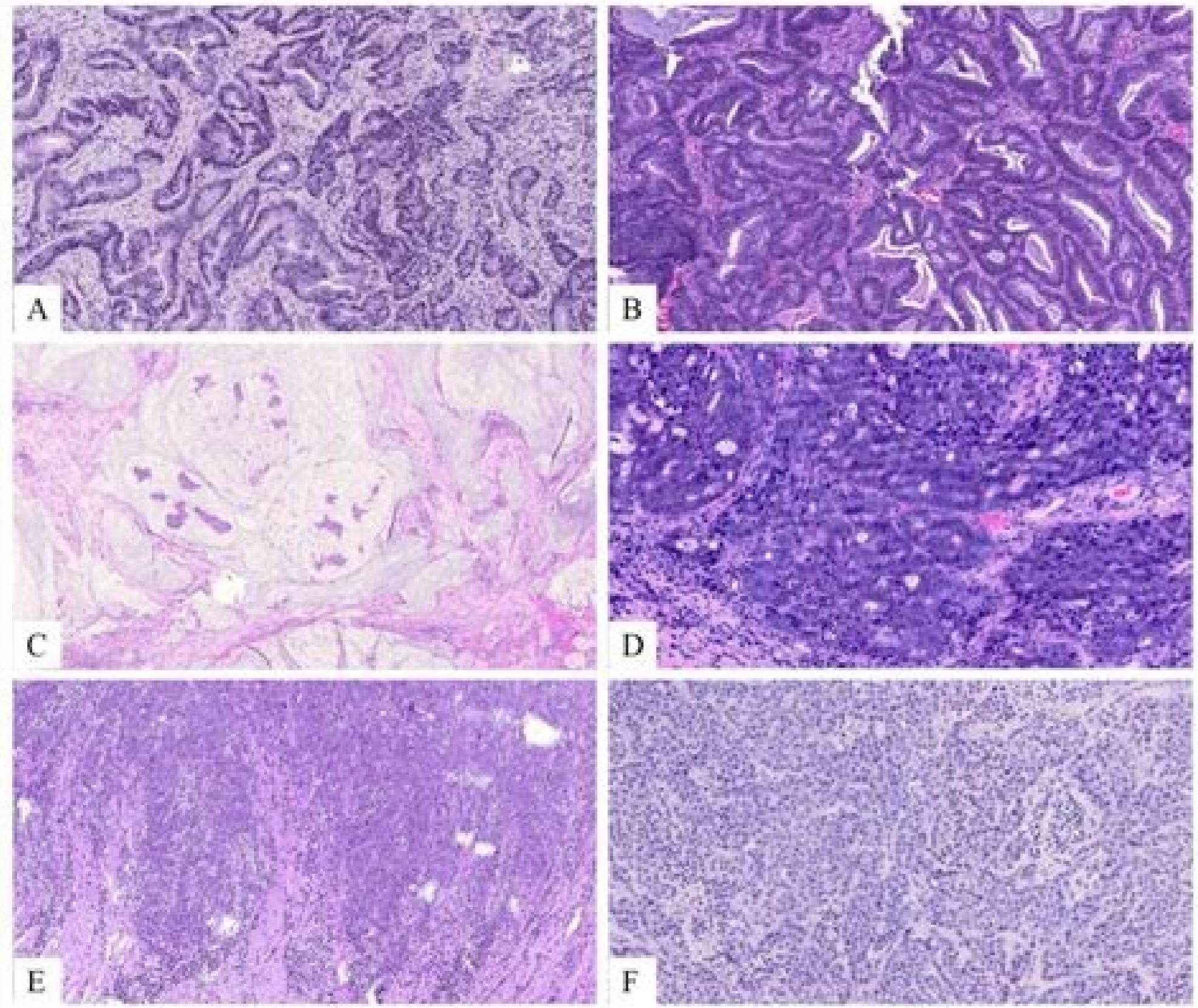
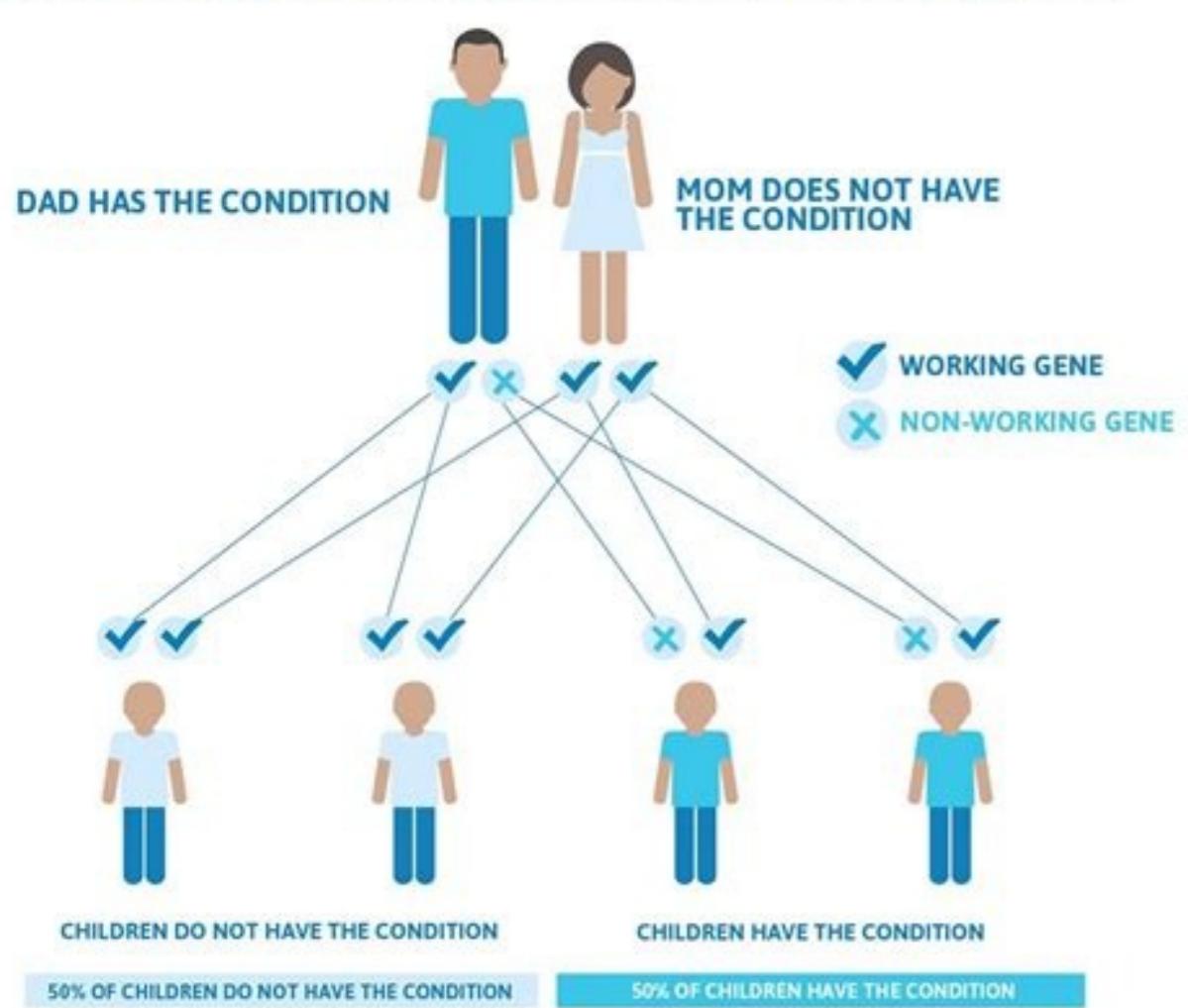


**I'm not a robot!**





### Autosomal Dominant Inheritance Pattern



# **Familial adenomatous polyposis (FAP)**

- Autosomal dominant.
  - Younger age group- 15-20 years.
  - 80 % with a positive family history. The remainder arise as a result of new mutations in the adenomatous polyposis coli (**APC**) gene.
  - This has been identified on the short arm of **chromosome 5**.
  - **Clinical features-**
  - **Pain abdomen,**
  - **Loose stool with blood and mucous,**
  - **Weight loss.**

***Extracolonic manifestations of FAP***

  - ***Endodermal derivatives:***
    - Adenomas and carcinomas of the duodenum, stomach, small intestine, thyroid and biliary tree.
    - Fundic gland polyps.
    - Hepatoblastoma.
  - ***Ectodermal derivatives:***
    - Epidermoid cysts.
    - Pilomatrixoma.
    - Congenital hypertrophy of the retinal pigment epithelium (CHRPE).
    - Brain tumours.
  - ***Mesodermal derivatives:***
    - Desmoid tumours.
    - Osteomas.
    - Dental problems.

## ***Extracolonic manifestations of FAP***

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- tural treatment. Familial adenomatous

Familial adenomatous polyposis genetic treatment. Familial adenomatous polyposis natural treatment. Familial adenomatous polyposis treatment uptodate. Familial adenomatous polyposis treatment medication. The effect of metformin in treatment of adenomas in patients with familial adenomatous polyposis. Familial adenomatous polyposis surgical treatment. Combination treatment with curcumin and quercetin of adenomas in familial adenomatous polyposis. Treatment of desmoid tumors associated with familial adenomatous polyposis.

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