Peutz-Jeghers Syndrome

- Rare autosomal dominant condition.
- characterised by Multiple hamartomatous polyps and melanin pigments on lips, mouths, digits, genitals.
- Mutation of STK 11 gene
  - Division faster than normal and form Polyp
    - more mutation
      - ↑ risk of Cancer in extra intestine like Pancreas, Breast, Lungs, Ovary, Testicle.

Types

→ Polyps are sessile or pedunculated.

C/F → Asymptomatic

→ If Big cause Intestinal obstruction
  - → Abdominal pain + Constipation
  - → Ulceration → Iron deficiency anemia

② Melanotic macules
  - → During childhood and fade with age
  - → looks like freckles
  - → Arise in mouth, lips, digits, genitals.

Investigation

- Colonoscopy with Biopsy
- Fecal occult Blood
- Genetic Testing - STK11
- → Tumor makers - CEA, CA19-9, CA 125,

Management

- Testing other relatives
- Frequent endoscopies