**Fracture of bone**

It is complete or partial break in continuity of bone

**Types of fractures:**

1-simple fracture of bone (closed).

2-compound fracture of bone (open).

3-greenstick fracture

4-transvrse fracture

5-oblique fracture

6-commiunted fracture.

**Clinical picture:**

1-pain and tenderness

2-swelling

3-deformity

4-abnormal mobility

5-loss of function

6-crepitus.

**Complications:**

1-mal union

2-non union

3-fat embolism

4-bed sores

5-injury to nerves and muscles.

6-hypovolemic shock.

7-air embolism

**Diagnosis:**

1-clinical

2-x ray

3- CT scan in some types of fractures

**Treatment:**

1-immbolisation.

2-Reduction of fracture

A-.manipulation under anesthesia

B-traction of the limb specially femur.

C-open reduction and this needs internal fixation.

3-fixitation of fracture

A- Plaster of Paris (pop).back slab and full cast.

1. B-continuous traction like pelvic fractures C-internal fixation by us of screw wire and intramedullary nail.
2. D-external fixation in cases of open fracture