

* Site of insertion:

- ① upper limbs, avoid Lower
- ② the most distal veins
- ③ try to use the non-dominant hand

عشان لو صار complication مياثرش عليه

expected age to use cannula is up to 96 hours

وبعدين نبفركها حت لو صار complications

* لئلا نبنيها distal ؟

لو بنينا distal وفشل، نبعد نزوح proximal أما الآخره ما بترط.

* Indications:

- ① Blood sample collection.
- ② IV fluid administration.
- ③ IV drug administration.
- ④ Medicolegal aspect: any hospitalized patient should have ~~secure~~ ^{secure} IV access

* complications:

- ① Infection : cellulitis - phlebitis - abscess
- ② Neurovascular bundle injury.
- ③ hemorrhage , hematoma.
- ④ embolisation.
- ⑤ Immobilization of part of cannula.
- ⑥ Extravasation → catheter of cannula is within the vein but administered drug or fluid is leaking out.

سبب - multiple puncture

- high osmolarity of drug

↳ Theopental pH = 11 it cause burn.

- ⑦ Infiltration: the cannula is not inserted in the vein , it's inserted inside soft tissue.

expected survival of cannula 2-5 days ,

after 5 days should be replaced.

aggressive resuscitation → check your access site frequently.

DVT	Infiltration	لغز بيه
↓	↓	
redness	coldness	
hotness	Pale	
Swelling	swelling	
pain	Pain	

ICU beds are difficient & expensive

* ICU admission criteria د = كاتلوش مينا

نحنا لا نفتح الموت

ICU is designed to manage any acute reversible organ failure or potential failure (dysfunction) but in acute reversible cases.

* too well, too ill → ما بطلنا على

* terminally ill pt. → Not expected to survive 6 months as malignancy (mets), advanced pul. fibrosis & hypoxia.

IV fluid

~~not~~