

Hemodialysis Access Creation

Hemodialysis Access Creation

- **Temporary Catheter Insertion**
- **Permanent Catheter base dialysis : PERM catheter**
- **AV shunt : Arteriovenous fistula creation**
Arteriovenous Graft creation

Hemodialysis Access Creation

- **Temporary Catheter Insertion :**

Double lumen catheter insertion

Emergency situation :

CRBSI, Central v. stenosis, DVT



Hemodialysis Access Creation

- **Permanent Catheter base dialysis : PERM catheter**
 - Low hemodynamic stress
 - Long term catheter for unstable patient
 - Bridging during AVF/ AVG maturation

“Foreign body law”



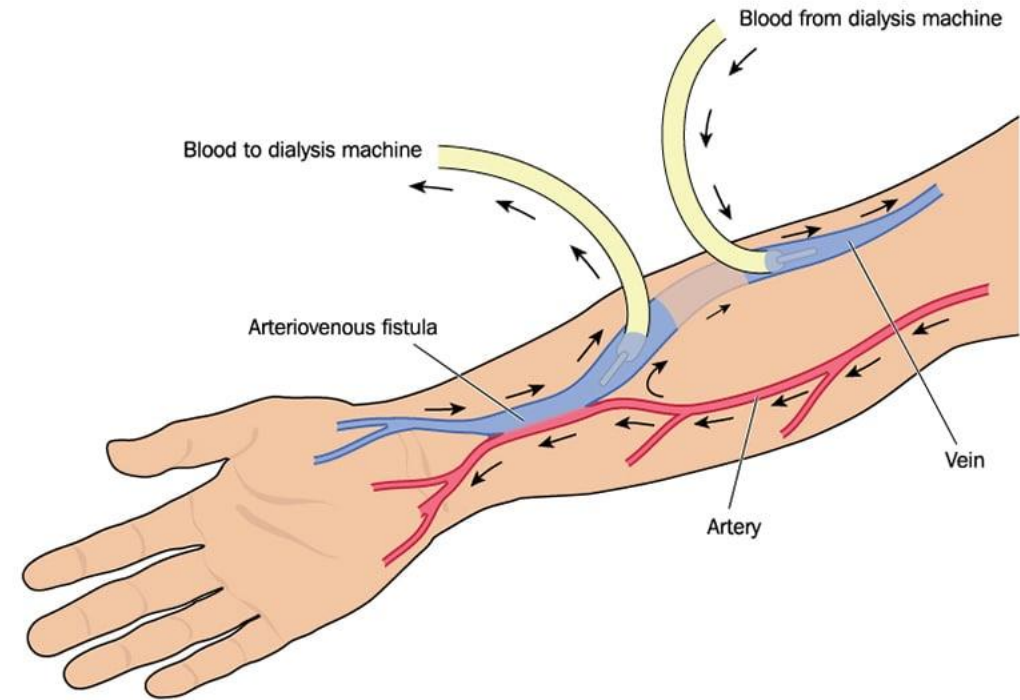
Hemodialysis Access Creation

AV shunt

1. Arteriovenous fistula creation

“Autogenous”

“Maturation rate”

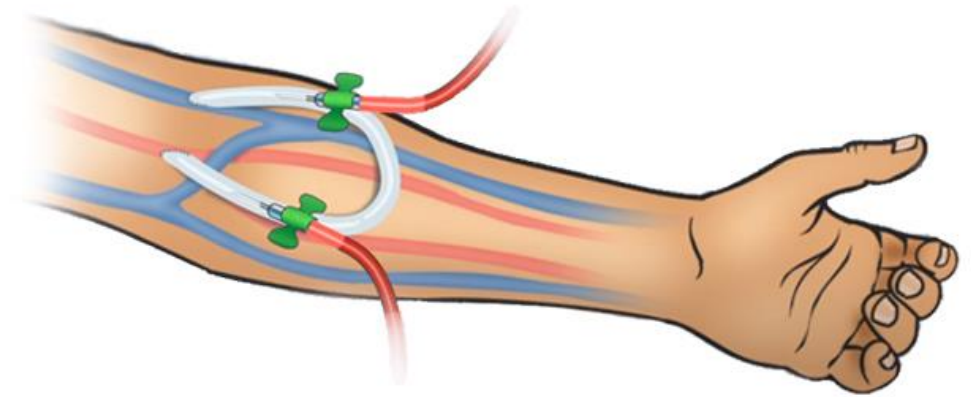


Hemodialysis Access Creation

AV shunt

- 2. Arteriovenous graft creation
access easily
need hemodynamic stability
foreign body

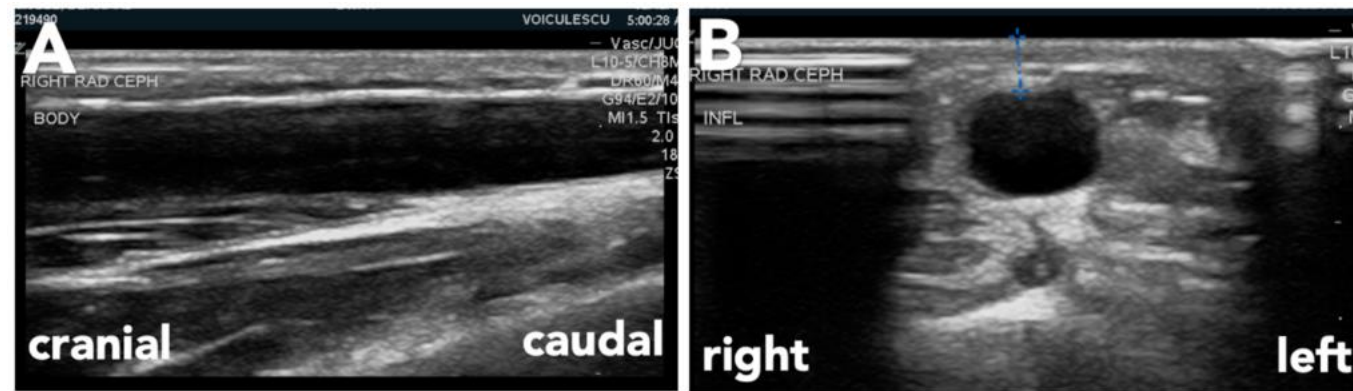
AV GRAFT PLACEMENT



Hemodialysis Access Creation

Preoperative preparation
for vascular access creation

Best preparation = Increase maturation rate



Hemodialysis Access Creation

FACT

1. Hemodialysis first = Double lumen first

prolong DLC = increase complication

2. Burden

3. Specialist “จะเร็ว จะช้า / ทำ 100 แก้ว 100”

“ทำไมยาก ทำให้ได้ใช้งาน-ไม่ง่าย แก้วยาก”

Hemodialysis Access Creation

FACT

Vascular surgeon = Access surgeon

Access surgeon $\neq$ Vascular surgeon

Hemodialysis Access Creation

Vascular surgeon



Hemodialysis Access Creation

1+1



1+1

Access surgeon

- CVT
- Gen
- Plastic
- Etc.

Hemodialysis Access Creation

FACT

1. Hemodialysis first = Double lumen first

prolong DLC = increase complication

2. Burden

3. Specialist “จะเร็ว จะช้า ทำ 100 แก้ว 100”

“ทำไม่ยาก ทำให้ได้ใช้งานไม่ง่าย แก้วยาก”

Hemodialysis Access Creation

- 1. Hemodialysis first = Double lumen first**
 - Early planning for patient before initiation
 - If DLC = urgency case for access creation

Hemodialysis Access Creation

2. Burden

- โครงการผ่าตัดนอกเวลา
- โครงการ PERM catheter
- ความร่วมมือกับ รพ.สังกัดอื่น
(รัฐ/เอกชน)



Hemodialysis Access Creation

3. Specialist

Qualify access surgeon for queuing
Training program