

Proposal for Umbilical Lines Management

Guidelines for Placement of Vascular Access in Preterm Infants

GESTATION	UVC	UAC	PIV
< 26 wk	Recommended	Recommended	
27-28 wk	Recommended for select cases ^{a,b}	Recommended for select cases ^a	
>29 wk	Avoid except in select cases ^{a,b}	Recommended for selected cases ^a	Recommended

Limit PIV attempts to 4

a) Use only if the pt is intubated and ventilated, or FiO₂ > 40% on CPAP, or the pt is hemodynamically unstable

b) Difficulty establishing PIV access

ALL UVCs NEED TO BE RE-IMAGED AFTER EVERY LINE MANIPULATION

Criteria to discontinue UAC

- Off vasopressors with stable cuff BP measurements
- tCO₂ in place if needed
- Lab draws <3x/day

Criteria to discontinue UVC

- PIV successfully placed
- Tolerating small feedings
- At 48-72 hrs, if pt requiring central access, consider PICC