Appendix D: Assessment and Device

Assessment and Device Selection for Vascular Access


+ Infusate criteria for use in peripheral infusions:
  - Osmolality must be less than 500 mOsm/L.
  - The pH must be between 5 and 9.
  - The medication must not be a vesicant or irritant.

++ Catheter lumens:
  - Consider the need for single or multi-lumen catheter to deliver the prescribed therapy.
  - Select the least number of lumens to deliver the required therapy.
Selection Algorithm

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 Considerations for subcutaneous infusions include:
- Hydration, intermittent infusions, and continuous infusions of isotonic fluids and a few selected medications.
- Assessing for this mode of therapy with some client populations.

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**Nursing Best Practice Guideline**