Daptomycin Dosing and Use Guidelines

Dosing:
- **Soft tissue infection** = 4 mg/kg every 24 hours
- **Staphylococcus aureus bacteremia, other deep-seated infections** = 6 mg/kg every 24 hours
- **VRE bacteremia, other deep-seated infections** = 8-10 mg/kg every 24 hours TBW

Morbidly Obese patients:
- For daptomycin, AdjBW = IBW + [(TBW – IBW) x 0.6], taking into account 60% of the excess body weight.
  - IBW Males = 50 kg + 2.3 kg for each inch above 60 inches
  - IBW Females = 45 kg + 2.3 kg for each inch above 60 inches

Renal dysfunction:
- **Creatinine Clearance (ClCr) less than 30 ml/min** = change interval to every 48 hours
- **Intermittent hemodialysis (HD)** = Dose after HD at 6 mg/kg three times a week
  (Need to follow dialysis plans daily)

All doses will be rounded to the nearest 50 mg. Round doses of 501-550 mg to 500 mg (one vial).
Daptomycin flag order should be submitted for every patient receiving therapy.

Doses greater than 6 mg/kg are not recommended at this time. In unusual circumstances, larger doses may rarely be indicated. Practitioners requesting the use of larger doses must obtain pharmacy authorization.

Medication Administration:
- Daptomycin will be administered daily at 1600 in order to facilitate batching of medication to prevent waste and decrease cost.

Additional use guidelines:
- All uses of daptomycin require ID physician approval.
- Daptomycin use for treatment of an identified pathogen must have a confirmed MIC in the sensitive range (have microbiology result revealed).
- Baseline CK should be obtained and rechecked weekly.

References:

Approved by UCDH Pharmacy and Therapeutics Committee Jan 2019.