

Medication Dosing in CRRT References

Special Guest: Bruce Mueller, PharmD, FCCP, FASN, FNKF

Guidelines/Background Reading

Kellum JA, et al. KDIGO Clinical Practice Guideline for Acute Kidney Injury. *Kidney International Supplements*. 2012; 2(4): doi:10.1038/kisup.2012.4. <https://kdigo.org/wp-content/uploads/2016/10/KDIGO-2012-AKI-Guideline-English.pdf>

Tolwani A. Continuous Renal-Replacement Therapy for Acute Kidney Injury. *N Eng J Med*. 2012; 367: 2505-2514. <https://pubmed.ncbi.nlm.nih.gov/23268665/>

Villa G, Neri M, Bellomo R, et al. Nomenclature for renal replacement therapy and blood purification techniques in critically ill patients: practical applications. *Crit Care*. 2016; 20: 283. <https://pubmed.ncbi.nlm.nih.gov/27719676/>

Studies Discussed During the Episode

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Seyler L, Cotton F, Taccone FS, et al. Recommended Beta-lactam Regimens are Inadequate in Septic Patients Treated with Continuous Renal Replacement Therapy. *Crit Care*. 2011; 15(3): R137. <https://pubmed.ncbi.nlm.nih.gov/21649882/>

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Lewis SJ, Mueller BA. Antibiotic Dosing in Acute Kidney Injury: "Enough but Not Too Much." *J Intensive Care Med*. 2016; 31(3): 164-176. <https://pubmed.ncbi.nlm.nih.gov/25326429/>

Dosing References

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Heintz BH, Matzke GR, Dager WE. Antimicrobial Dosing Concepts and Recommendations for Critically Ill Adult Patients Receiving Continuous Renal Replacement Therapy or Intermittent Hemodialysis. *Pharmacotherapy*. 2009; 29(5): 562-577. <https://pubmed.ncbi.nlm.nih.gov/19397464/>

Smetana KS, Cook AM, Thompson Bastin ML, et al. Antiepileptic dosing for critically ill adults receiving renal replacement therapy. *J Crit Care*. 2016; 36: 116-124. <https://pubmed.ncbi.nlm.nih.gov/27546759/>

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