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# **VA St. Louis Health Care System**

Resident Research Projects, Medication Use Evaluations, Seminar CE Presentations, and Pharmacy CE Conference Presentations

2011 to Present

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U.S. Department  
of Veterans Affairs

## Research (Past 5 Years + Current Residents)

2011-2012	Evaluation of Steroids and Their Effects on Renal Function in the Setting of Antibiotic-Induced Acute Interstitial Nephritis
	An Analysis of the Effect of Alpha/Beta Blockade Versus Beta-Specific Blockade and the Incidence of MI in Patient Presenting to the ED with Cocaine-Induced Chest Pain
	ACE Inhibitor Associated Decrease in Kidney Function as a Predictor for Cardiovascular Disease
	Retrospective Review of the Effect of Tiotropium on Exacerbations of COPD
	Characterizing the Rate of Anemia Associated with NS3/4A Protease Inhibitors Used for the Treatment of Chronic Hepatitis C Genotype 1
	Safety and Efficacy of Standard Versus High-dose Daptomycin for Treatment of VRE Bacteremia
2012-2013	Simvastatin Related Myalgia and Associated Vitamin D Insufficiency
	Effect of Antifungal Susceptibility Testing on Prescribing Patterns of Antifungal Therapy
	Clinical Outcomes with Daptomycin Therapy for Bacteremia and Osteomyelitis: a review of Cases from 2010-2012.
	Rates of achieving goal LDL-C in Diabetic Female Patients Compared to Diabetic Male Patients
	Efficacy and Safety of Twice Daily Insulin Glargine vs. Once Daily Insulin Glargine
	Safety of Dabigatran Used Concurrently with Aspirin Therapy in Patients with Atrial Fibrillation
	Risk Factors Associated with Developing Upper Extremity DVT: A Retrospective Cohort
	Comparison of Raltegravir-based Regimens to Other Commonly Prescribed HAART Regimens
2013-2014	Evaluation of a Pharmacokinetic Dosing Service for Vancomycin
	Institutional Carbapenem Usage and Enterbacteriaceae Resistant to Imipenem: A Pilot Study
	Evaluation of Population-Based Pharmacokinetics in Persons with Spinal Cord Injuries
	Evaluation of Warfarin Loading Doses on the Duration of Enoxaparin Bridging
	Alternative Dosing of Statins: Efficacy and Tolerability
	Antibiotic Treatment Duration in Male Veterans with Urinary Tract Infections
	Comparison of Antibiotic De-escalation between Patients with Blood Cultures Positive for Gram-Negative and Gram-Positive Organisms
2014-2015	Inpatient Based Care Versus Home Based Care: Evaluation of Average Change in HgbA1c
	Evaluation of Clinical Outcomes in the Treatment of Skin and Soft Tissue Infections: Trimethoprim/Sulfamethoxazole Compared to Clindamycin
	Incidence of Metabolic Side Effects with Low-Dose Quetiapine
	Targeting PPI Use with Concomitant Antibiotic in the Inpatient Setting
	Comparison of the Efficacy of Ceftriaxone versus Cefazolin for the Treatment of Methicillin-susceptible <i>Staphylococcus aureus</i> Bloodstream Infections Comparison of the Efficacy of Ceftriaxone versus Cefazolin for the Treatment of Methicillin-susceptible <i>Staphylococcus aureus</i> Bloodstream Infections

	Effect of Short versus Long Term Duration of Systemic glucocorticoid treatment on Readmission Rates for Acute COPD Exacerbations
2015-2016	Association of Low Vitamin D Levels with Myalgia in Statin-Treated Patients
	Rapid Viral Response as a Predictor of Treatment Failure in Hepatitis C Patients Treated with Ledipasvir and Sofosbuvir
	Clinical Failure Rates in HCAP and HAP Patients Treated with Full Course IV Antibiotic Therapy Versus Discharged on Oral Antibiotic Therapy
	Impact of Institutional Carbapenem Usage on <i>Pseudomonas aeruginosa</i> Resistance
	Evaluation of the Safety and Efficacy of Accelerated IV Iron Administration
2016-2017	Clinical Outcomes with pseudomonal verses non-pseudomonal coverage for culture negative osteomyelitis
	Eradication rates of H.pylori Infections
	Effects of Dual Antiplatelet Therapy Effects on Major Limb Events and Major Adverse Cardiovascular Events Post Femoral-Popliteal Stenting
	Safety and Efficacy of DOACs vs Warfarin in Patients on Dual Antiplatelet Therapy After Undergoing PCI
	The Effects of GLP-1 Agonists Affect Total Daily Insulin Requirements In Patients with Type II Diabetes Mellitus
	Comparison of safety outcomes in patients on Outpatient Parenteral Antimicrobial Therapy Taking Vancomycin Versus an Alternate Anti-MRSA Agent

## MUE (Past 5 Years)

2011-2012	Current Prescribing Habits of ACE Inhibitors and ARBs in Patient with Diabetes Mellitus and Microalbuminuria at the St. Louis Area VA Medical Centers
	Evaluation of the Use of Combination Oral Sulfonylurea/Meglitinide and Short-Acting Insulin
	Evaluation of Digoxin Monitoring in Heart Failure
	Evaluation of Appropriate Initiation of Inhaled Corticosteroids in COPD
2012-2013	Evaluation of Statin/Fibrate Combination Therapy and Myopathy at the VA St. Louis Health Care System
	Effect of Piperacillin/Tazobactam Restriction on Prescribing Habits and Rates of Acute Renal Failure
	Evaluation of Daptomycin Use in the VA Health Care System
	Post-Implementation Evaluation of Oral Vancomycin Formulary Conversion: Compounded Vancomycin Solution in Place of Vancomycin Capsules
	Evaluation of Rifaximin Indications, Doses, and Duration of Therapy
	Evaluation of Pneumococcal Vaccination in a High-Risk Veteran Population and the Appropriateness of the Clinical Reminder Used for Administration
Evaluation of Potential Use of Eltrombopag at STL VA Medical Center	

2013-2014	Prescribing Habits for the NSAID Drug Meloxicam in the Outpatient Veteran Population with Decreased Renal Function
	Evaluation of Monitoring Habits of Patients Receiving Dabigatran, a target specific oral anticoagulant, for stroke prevention in non-valvular atrial fibrillation
	Evaluation of the Use of Metoprolol Succinate in CHF Patients at the St. Louis VA Medical Center
	Evaluation of the Appropriate Use of PPI Therapy for Stress Ulcer Prophylaxis in Non-ICU Setting
	Evaluation of Prescribing Patters of Warfarin Therapy in Inpatients at John Cochran VA Medical Center in Order to Gain Baseline Data on Inpatient Providers Prescribing Habits
	Evaluation of Paricalcitol in Dialysis Patients
2014-2015	Evaluation of the use of metformin in the setting of renal impairment
	Causes of Readmission and Mortality Associated with Community Acquired Pneumonia Treatment at the VA St. Louis Health Care System
	Prescribing Habits and POptential Cost-Savings for Angiotensin II Receptor Antagonists in Patients with CHF
	Digoxin Use in the VA St. Louis Health Care System
	Characterization of the Use of Ceftaroline at the St. Louis VA Health Care System
2015-2016	Evaluation of Appropriate Use and Metabolic Monitoring of Lurasidone in a Veteran Population
	Evaluation of Ertapenem Use for Surgical Prophylaxis at the St. Louis VA Health Care System
	Antibiotic Treatment for Cellulitis for Patient's Presenting to the Emergency Department
	Evaluation of Inpatient Lidocaine Patch Use
	Characterization of the Use of Levofloxacin at the VA St. Louis Health Care System

## Seminar CE Presentations (Past 5 Years + Current Residents)

2011-2012	Role of GLP-1 Agonists in Diabetes Mellitus Therapy: Comparison of ADA and AACE Guidelines
	Extended-infusion Carbapenems for the Treatment of Gram Negative Infections
	Revisiting the Role of Digoxin in Heart Failure
	The Role of Corticosteroids in Community-Acquired Pneumonia
	Insulin Degludec: Potential Advantage and Pitfalls of the Progress in Basal Insulin Therapy
2012-2013	Protease Inhibitor Selection for Hepatitis C Patients with Cirrhosis
	Prophylactic antibiotics in patients with severe acute pancreatitis
	Rivaroxaban: expanding its role
	Proton Pump Inhibitors and Clostridium difficile: Is there a link?
	PCP Prophylaxis in the Immunocompromised Pt: Beyond Current Guidelines
	Herpes Zoster Vaccine: Outside of the Immunization Schedule
	Association Between Macrolide Antibiotics and Cardiovascular Risk
	Determining the Role of Vitamin D in Inflammatory Bowel Disease

2013-2014	The Use of Erythropoietin-Stimulating Agents in the Treatment of Anemia in Patients with Heart Failure
	Warfarin: What's in a Loading Dose?
	Blood pressure goals in patients with diabetes
	Optimal Duration of Beta-Blocker Therapy Post Myocardial Infarction
	Use of Clopidogrel in Decreased Renal Function
	Management of Antiplatelet Therapy and the Potential Role of Cangrelor in Patients Requiring Coronary Revascularization
	Alternative Treatment Strategies for Helicobacter pylori
2014-2015	Dual Antiplatelet Therapy for Second Generation Drug-Eluting Stents: Is there a Generational Gap?
	High-Dose Ceftaroline: Helpful or Harmful?
	Testosterone Replacement and Diabetes: Stronger than Advertised?
	The Role of HMG-CoA Reductase Inhibitors in Hemodialysis Patients: Initiate, Discontinue, or Continue Therapy
	Are vitamin D serum levels associated with colorectal cancer survival?
	Quetiapine's Place in Therapy for the Treatment of Insomnia
2015-2016	Utility of Procalcitonin in Limiting Antibiotic Use
	Place in Therapy and Feasibility of Fecal Microbiota Transplantation for the Treatment of Clostridium Difficile Infection
	Combination vs. Monotherapy for MDR Enterbacteraciae
	Pharmacogenomics' Role in Anticoagulation and Antiplatelet Therapy
	Risk of Heart Failure Associated with the Use of DPP-4 Inhibitors?
	Empiric Atypical Coverage in CAP: Is it for everyone?
2016-2017	Use of fluoroquinolones for staphylococcus infections
	Role of PCSK9 Inhibitors in the Management of Hypercholesterolemia
	DOACs for Secondary Venous Thromboembolism Prophylaxis in the Oncology Population
	Immunizing the Immunocompromised Host
	Apixaban – The Safest DOAC
	Management of Ventricular Tachycardia Post ICD placement

## Pharmacy CE Conference (Past 5 Years)

2011-2012	Neuropathic Pain: A review of First Line Chronic Oral Treatment Options
	Updates in Vancomycin Use
	Anticoagulation: The Next Generation. A review of new and emerging oral anticoagulants
	Botox: Not Just Another Pretty Face-Review of Therapeutic Uses Other than Cosmetic
	Review and Updates in Glaucoma Management
	Enteral Nutrition: When Foods and Drugs Collide
	A Review of Pharmacologic Therapy in Type 2 Diabetes Mellitus – What's new?

2012-2013	Obstacles of Corticosteroid Therapy
	Chronic Complications of Cirrhosis
	Antibiotic Resistance and Antimicrobial Stewardship
	Thyroid Disorders
	Surviving the “Surviving Sepsis Campaign”
	Corticosteroid Therapy in Clinical Practice
	Delirium in the ICU: Identification, Prevention, and Review of Therapeutic Options
	CIWA Protocols
2013-2014	Brushing Off the Rust: Managing Iron Repletion with Intravenous Iron
	Tuberculosis: Treatment Options in Active and Latent Disease
	The Class III Antiarrhythmics
	The Use of Epoprostenol in the Cardiothoracic Surgery Patient
	Detection and Management of Heparin Induced Thrombocytopenia
	Pharmacotherapy of Smoking Cessation
	Linezolid and Serotonin Syndrome: Recognizing Risk, Monitoring for Occurrence, and Providing Management
2014-2015	Updates in Antimicrobial Therapy: New Options for Gram-Positive and Gram-Negative Infections
	Appropriate Use of Antiplatelet Medications
	Overview of the Target Specific Oral Anticoagulants: How to Decide When to Prescribe
	Incretin Mimetics in the Treatment of Type 2 Diabetes
	Appropriate Prescribing in the Elderly
	Opioid Safety: Extending Access to Naloxone Kits
	Overactive Bladder: Examination of Therapeutic Options
Evidence-Based Treatment of Alcohol Use Disorder	
2015-2016	Reversal of Direct Acting Oral Anticoagulants
	Cross Reactivity of Cephalosporins
	Updates on HIV/AIDS Treatment
	Osteoporosis Treatment Strategies
	VA Hypoglycemia Safety Initiative and Psychotropic Drug Safety Initiative