

Abstracts

1. Rupp ME, Fitzgerald T, Anderson JR, Eliason R, Jourdan D, Marion N, Sholtz L, Smith V, Thompson S, Tyner K. Hospital-Wide Hand Hygiene Adherence Program and Correlation with Healthcare-Associated Infections. 19th Annual Meeting of the Society for Healthcare Epidemiology of America, San Diego, March 19-22, 2009.
2. Tiwari MM, Hermsen ED, Sholtz L, Rupp ME. Prospective study of factors affecting appropriate urinary catheter use. 19th Annual Meeting of the Society for Healthcare Epidemiology of America, San Diego, March 19-22, 2009.
3. Tiwari MM, Hermsen ED, Sholtz L, Rupp ME. Inappropriate use of intravascular catheters: A Prospective Study. 19th Annual Meeting of the Society for Healthcare Epidemiology of America, San Diego, March 19-22, 2009.
4. Hermsen ED, Hanson M, Sankaranarayanan J, Stoner J, Florescu MC, Rupp ME. Clinical Outcomes and Nephrotoxicity Associated with Vancomycin Trough Concentrations During Treatment of Deep-Seated Infections. Annual Meeting of the American College of Clinical Pharmacy, Louisville, KY, October 19 – October 22, 2008.
5. Shull SS, Hermsen ED, Nieman J, Klepser DG, Sholtz L, Barnes W, Rupp ME. Assessment of hospital costs attributed to nosocomial vascular catheter-associated bloodstream infection and the potential impact of reimbursement changes. 48th Annual ICAAC / 46th Annual IDSA Meeting, Washington DC, Oct 25-28, 2008. (Abstract K3417).
6. Kalil AC, Murthy MH, Hermsen E, Neto FK, Sun J, Rupp ME. Linezolid versus Vancomycin or Teicoplanin for Nosocomial Pneumonia: a Meta-Analysis. 48th Annual ICAAC / 46th Annual IDSA Meeting, Washington DC, Oct 25-28, 2008 (Abstract K533)
7. Allen KB, Fowler VG, Muhlbaier L, Kaye KS, Carmeli Y, Cosgrove SE, Fraser TG, Harris AD, Karchmer AW, Rupp ME, Arduino JM. *Staphylococcus aureus* Infections: Effect on Outcomes in Patients Undergoing Elective Cardiac Surgery. 2008 Annual Meeting of the Southern Thoracic Surgery Society.
8. Fitzgerald T, Hermsen ED, Sholtz LA, Anderson JR, Iwen PC, Jourdan D, Marion N, Rupp ME. Multi-disciplinary Interventions for the Management and Prevention of *Clostridium difficile*-Associated Disease at an Academic Medical Center. Annual Conference of the Association for Professionals in Infection Control, Denver, CO, June 15 – June 19, 2008.
9. Hermsen ED, Shull SS, Parizek L, Qiu F, Wilderman J, Rupp ME. Outcomes of a Pharmacist-Initiated Antimicrobial Step-Down Protocol. Annual Meeting of the American College of Clinical Pharmacy, Denver, CO, October 14 – October 17, 2007.
10. Hermsen ED, Shull SS, Parizek L, Qiu F, Wilderman J, Rupp ME. Antimicrobial Step-Down Conversion on a General Medicine Ward. 45th Annual Meeting of the Infectious Diseases Society of America, San Diego, CA, October 4 – October 7, 2007.
11. Hermsen ED, Shull SS, Klepser DG, Iwen PC, Armbrust A, Garrett J, Freifeld AG, Rupp ME. Pharmacoeconomic analysis of microbiologic techniques for differentiating Gram-positive cocci in clusters (GPCC) directly from blood culture bottles. 47th Interscience Conference on Antimicrobial Agents and Chemotherapy. Chicago, IL, September 17 – September 20, 2007.
12. Hermsen ED, Mitropoulos IF, Shull SS, Puumala S, Rupp ME. Prospective evaluation of clinical and economic outcomes associated with treatment of serious infections due to

- Gram-positive cocci (GPC). 44th Annual Meeting of the Infectious Diseases Society of America, Toronto, Ontario, Canada, October 12 – October 15, 2006.
13. Hermsen ED, Shull SS, Puumala S, Rupp ME. Comparative evaluation of clinical and economic parameters of an antimicrobial surgical prophylaxis (ASP) order form. 44th Annual Meeting of the Infectious Diseases Society of America, Toronto, Ontario, Canada, October 12 – October 15, 2006.
 14. Erlandson KM, Sun J, Iwen P, Rupp ME. Impact of More Potent Antibiotics on Outcome Measures of Patients with Vancomycin-Resistant Enterococcus (VRE) Bacteremia. 44th Annual Meeting of the Infectious Diseases Society of America, Toronto, Ontario, Canada, October 12 – October 15, 2006.
 15. Hermsen ED, Shull SS. Coagulase-Negative Staphylococci Contaminated Blood Cultures and Associated Costs. 43rd Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA, October 6 – October 9, 2005.

Publications

1. Hermsen ED, Maiefski M, Florescu MC, Qiu F, Rupp ME. Comparison of Modification of Diet in Renal Disease (MDRD) and Cockcroft-Gault (CG) Equations for Dosing Antimicrobials. *Pharmacotherapy*. (In press)
2. Drew RH, White R, MacDougall C, Hermsen ED, Owens RC. Reflections on the IDSA/SHEA Antimicrobial Stewardship Guidelines by the Society of Infectious Diseases Pharmacists. *Pharmacotherapy*. (In press)
3. Ernst EJ, Klepser ME, Bosso JA, Rybak MJ, Hermsen ED, Segarra-Newnham M, Drew RH. Recommendations for Training and Certification for Pharmacists Practicing, Mentoring and Educating in Infectious Diseases Pharmacotherapy: an opinion of The Society of Infectious Diseases Pharmacists and the Infectious Diseases Practice and Research Network of the American College of Clinical Pharmacy. *Pharmacotherapy*. (In press)
4. Cosgrove SE, Boucher HW, Vigliani GA, Champion M, Fowler VG, Abrutyn E, Corey GR, Rupp ME, Chambers HF, Karchmer AW. Initial Low-Dose Gentamicin for *Staphylococcus aureus* Bacteremia and Endocarditis is Nephrotoxic. *Clinical Infectious Diseases*. 48:713-21, 2009.
5. Kanafani ZA, Arduino JM, Muhlbaie LH, Kaye KS, Allen KB, Carmeli Y, Corey GR, Cosgrove SE, Fraser TG, Harris AD, Karchmer AW, Lautenbach E, Rupp ME, Peterson E, Straus WL, Fowler, VG Jr. Incidence and Pre-operative Risk Factors of *Staphylococcus aureus* Bacteremia and Wound Infection Following Cardiac Surgery. *Infection Control and Hospital Epidemiology*, 30:242-248, 2009.
6. Hermsen ED, Smith Shull S, Mitropoulos IF, Puumala SE, Rupp ME. Prospective Evaluation of Clinical and Economic Outcomes Associated with Treatment of Serious Infections due to Gram-positive Cocci. *Infectious Diseases in Clinical Practice*. 17:17-21, 2009.
7. Rogers K, Fey PD, Rupp ME. Coagulase-Negative Staphylococcal Infections. *Infectious Diseases Clinics of North America*. 23:73-98, 2009.
8. Hermsen ED, Smith-Shull S, Klepser DG, Iwen PC, Armbrust A, Garrett J, Freifeld AG, Rupp ME. Pharmaco-economic Analysis of Microbiologic Techniques for Differentiating Staphylococci Directly from Blood Culture Bottles. *Journal of Clinical Microbiology*. 46:2924-2929, 2008.

9. Carling PC, Parry ML, Rupp ME, Po JL, Dick B, Von Beheren SL. Improving Cleaning of the Environment Surrounding Patients in 36 Acute Care Hospitals. *Infection Control and Hospital Epidemiology*. 29:1035-41, 2008.
10. Rupp ME, Iwen PC, Tyner LK, Marion N, Reed E, Anderson JR. Routine Sampling of Air for Fungi Does Not Predict Risk of Invasive Aspergillosis in Immunocompromised Patients. *Journal of Hospital Infection*. 68:270-271, 2008.
11. Hermsen ED, Shull SS, Puumala S, Rupp ME. Improvement in Prescribing Habits and Economic Outcomes Associated with the Introduction of a Standardized Approach for Surgical Antimicrobial Prophylaxis. *Infection Control and Hospital Epidemiology*, 29:457-461, 2008.
12. Erlandson KM, Sun J, Iwen PC, Rupp ME. Impact of more potent antibiotics linezolid and quinupristin/dalfopristin on outcome measures of patients with vancomycin-resistant *Enterococcus* bacteremia. *Clinical Infectious Diseases*. 46:30-6, 2008.
13. Rupp ME, Fitzgerald T, Puumala S, Anderson JR, Craig R, Iwen PC, Jourdan D, Keuchel J, Marion N, Peterson D, Sholtz L, Smith V. Prospective, controlled, cross-over trial of alcohol-based hand gel in critical care units. *Infection Control and Hospital Epidemiology*. 29:8-15, 2008.
14. Hermsen ED, Garr M, Reisbig K, Friedig W, Maiefski M, Walker R, Rupp ME. CA-MRSA is thriving in Nebraska. *Physicians Bulletin*. 2007 (November/December), page 9.
15. Hermsen ED, Garr M, Reisbig K, Maiefski M, Walker R, Rupp ME. CA-MRSA is thriving in Nebraska. *Cornhusker Family Physician*. 2007;53:54-5.
16. Rupp ME, Holley HP, Jr, Lutz P, Dicipinigitis PV, Woods C, Levine DP, Veney N, Fowler VG, Jr. A phase II, randomized, multicenter, double-blind, placebo-controlled, trial of a polyclonal anti-capsular immunoglobulin in the treatment of *Staphylococcus aureus* bacteremia. *Antimicrobial Agents and Chemotherapy*. 51:4249-54, 2007.
17. Rupp ME, Lee SA, Jourdan DR, Marion ND, Tyner LK, Fey PD, Iwen PC, Anderson JR. Outbreak of bloodstream infections temporally associated with the use of an intravascular positive-displacement needleless valve *Clinical Infectious Diseases*. 44:1408-14, 2007.
18. Fowler VG, Boucher HW, Corey R, Abrutyn E, Karchmer AW, Rupp ME, Levine DM, Chambers HF, Talley FP, Vigliani G, Cabell CH, Link AS, DeMeyer I, Filler S, Zervos M, Cook P, Parsonnet J, Berstein JM, Price CS, Forrest G, Fatkenheur G, Gareca M, Rehm SJ, Brodt HR, Tice A, Cosgrove SE & S. *aureus* Endocarditis and Bacteremia Study Group. Daptomycin versus standard therapy for *Staphylococcus aureus* bacteremia and endocarditis. *N Eng J Med*. 355:653-65, 2006.
19. Rupp ME, Lisco S, Lipsett P, Perl T, Keating K, Civetta J, Mermel L, Lee D, Dellinger EP, Donahoe M, Giles D, Pfaller M, Maki DG, Sherertz R. Effect of a second-generation chlorhexidine/silver sulfadiazine-impregnated central venous catheter on catheter-associated infections in intensive care unit patients. A randomized, double-blinded, controlled trial. *Annals of Internal Medicine*. 143:570-580, 2005.
20. Rupp ME, Fitzgerald T, Marion N, Helget V, Puumala S, Anderson JR, Fey PD. Effect of silver-coated urinary catheters: efficacy, cost-effectiveness, and antimicrobial resistance. *American Journal of Infection Control*. 32:445-450, 2004.