

Scientific Poster Presentations I
Saturday, April 25, 2009
12:30 p.m. – 2:00 p.m.
Rosen Centre – Grand Ballroom

ENCORE PRESENTATIONS:

Abstracts marked with an “E” are Encore Presentations. Encore presentations undergo the same peer review process as all other presentations, but they may have been presented elsewhere or published in abstract form prior to the 2009 ACCP/ESCP International Congress.

FINALISTS IN ABSTRACT AWARDS COMPETITION:

Abstracts marked with an “F” are finalists for the Best Paper, Best Resident and Fellow, and Best Student Poster awards. These papers were selected by a special panel of reviewers. The Best Student Poster will be announced at 1:45 p.m., Saturday, April 25, 2009 in the Grand Ballroom of the Rosen Centre. The Best Resident and Fellow Poster will be announced at 9:15 a.m., Sunday, April 26, in the Grand Ballroom of the Rosen Centre. The Best Paper will be announced at 10:15 a.m., Tuesday, April 28, during the Final Plenary Session.

ORIGINAL RESEARCH

These papers describe original research in therapeutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, and pharmacoepidemiology.

Cardiovascular

8E. Correlation of thiazide-induced potassium changes with glucose changes.

Steven M. Smith, Pharm.D., John G. Gums, Pharm.D.; University of Florida, Gainesville, FL

Critical Care

17. Impact of Prolonged Morphine Infusions in ICU Patients with or without Renal Insufficiency.

Brian J. Kopp, Pharm.D.¹, Brian L. Erstad, Pharm.D.², Jill M. Schultz, Pharm.D.³; (1)University Medical Center, Tucson, AZ; (2)The University of Arizona, Tucson, AZ; (3)University Physicians Hospital, Tucson, AZ

18. Evaluation of blood glucose control with subcutaneous insulin in patients with recent critical illness.

April D. Miller, PharmD, Leslie McKenzie, PharmD Candidate, Richard M. Schulz, PhD, P. Brandon Bookstaver, PharmD, Celeste N. Rudisill, PharmD; South Carolina College of Pharmacy-USC Campus, Columbia, SC

Geriatrics

44. Is high dose statin therapy safe in the elderly ?.

Séverine Gupta, PharmD¹, Isabelle Peyron, PharmD¹, Christelle Laguillier, PharmD², Nadine Oboa, PharmD¹, Anna Sarfati, PharmD¹; (1)APHP Hôpital Charles Foix - Department of Pharmacy, Ivry Sur Seine, France; (2)APHP Hôpital Charles Foix - Department of Clinical Chemistry, Ivry Sur Seine, France

Hematology/Anticoagulation

51. Impact of Proactive Interventions in Patients with a Rapid Increase in International Normalized Ratio While Receiving Warfarin Therapy in An Inpatient Setting.

Danny McNatty, Pharm.D., BCPS¹, Karen L. Johnson, R.Ph.², Carrington R. K. Raney, Pharm.D.², Mary A. Gurney, Ph.D.¹; (1)Midwestern University College of Pharmacy - Glendale, Glendale, AZ; (2)Banner Thunderbird Medical Center, Glendale, AZ

52E. Retrospective comparison of bivalirudin and argatroban in the management of heparin-induced thrombocytopenia.

Lee P. Skrupky, PharmD, Jennifer R. Smith, PharmD, Heather Arnold, PharmD, Eli N. Deal, Pharm.D., James M. Hollands, PharmD, Emily J. Martinez, PharmD, Scott T. Micek, PharmD; Barnes-Jewish Hospital, Saint Louis, MO

53. Drug use evaluation of prothrombin complex concentrate (Factor IX complex concentrated).

Luis Mendarte, PHARM, D, Marta Munne, Pharm D, Francesc X Nuvials, Phys D, Jessika Gomez-lopez, Technician, Jose B. Montoro, Ph D, Jose Monterde, Ph D; HOSPITAL UNIVERSITARY VALL D'HEBRON, Barcelona, Spain

54. Venous Thromboembolism Prophylaxis Study in hospitalized non-surgical Patients.

Petra Jancar, mag.pharm¹, Tina Morgan, mag.pharm¹, Ales Mrhar, mag.pharm², Mitja Kosnik, dr.med.spec¹, Mitja Lainscak, dr.med.spec²; (1)University Clinic Golnik, Golnik, Slovenia; (2)Faculty of pharmacy, University of Ljubljana, Ljubljana, Slovenia

56. Comparison of intravenous and subcutaneous heparin conversion methods.

Avinash S. Patil, MD¹, Tracy Clapp, Pharm.D.², Kan Gaston, Pharm.D.², David Kuhl, Pharm.D.³, Eliza Rinehart, Pharm.D.², Norman L. Meyer, M.D.¹; (1)Department of Obstetrics & Gynecology, University of Tennessee Health Science Center, Memphis, TN; (2)Department of Pharmacy, The Regional Medical Center at Memphis, Memphis, TN; (3)School of Pharmacy, Union University, Jackson, TN

HIV

58. Assessment of HIV-infected patients: a response to the American Heart Association initiative to reduce cardiovascular risk.

Kelly Hester, Pharm.D., BCPS, Cara L. Leos, Pharm.D., BCPS; Auburn University Harrison School of Pharmacy, Auburn, AL

Infectious Diseases

60. The Effect of Desferrioxamine as Supplement to Cefotaxime in the in the Treatment of Spontaneous Bacterial Peritonitis.

manal H. El Hamamsy, Ph.d, Nehal A.,mohamed R.,Mohamed A. Abou- Seada, ElwakilAl- Azizi., MD, PhD, PhD; faculty of pharmacy.Ain Shams University.Cairo Egypt, Cairo

61. Steady-state pharmacokinetics and pharmacodynamics of piperacillin/tazobactam, administered by prolonged infusion, in hospitalized patients.

Katherine M. Shea, Pharm.D.¹, S. Christian Cheatham, Pharm.D.², David W. Smith, Pharm.D.¹, Matthew F. Wack, M.D.³, Kevin M. Sowinski, Pharm.D.⁴, Michael B. Kays, Pharm.D.⁴; (1)Clarian Health Partners, Inc., Methodist Hospital, Indianapolis, IN; (2)St. Francis Hospitals and Health Centers, Beech Grove, IN; (3)Infectious Diseases of Indiana, Indianapolis, IN; (4)Purdue University School of Pharmacy, Indianapolis, IN

62. Comparative pharmacodynamics of intermittent and prolonged infusions of piperacillin/tazobactam using pharmacokinetic data from hospitalized patients.

Katherine M. Shea, Pharm.D.¹, S. Christian Cheatham, Pharm.D.², Matthew F. Wack, M.D.³, David W. Smith, Pharm.D.¹, Kevin M. Sowinski, Pharm.D.⁴, Michael B. Kays, Pharm.D.⁴; (1)Clarian Health Partners, Inc., Methodist Hospital, Indianapolis, IN; (2)St. Francis Hospitals and Health Centers, Beech Grove, IN; (3)Infectious Diseases of Indiana, Indianapolis, IN; (4)Purdue University School of Pharmacy, Indianapolis, IN

63E. Implications of phenotypic clustering on predicting future trends of antimicrobial resistance patterns.

Steven M. Smith, PharmD, John G. Gums, PharmD; University of Florida, Gainesville, FL

64E. Outcomes associated with the implementation of a national antibiotic surveillance program.

Steven M. Smith, Pharm.D., John G. Gums, Pharm.D.; University of Florida, Gainesville, FL

Pediatrics

87. Factors Influencing Pharmacists' Perceived Knowledge of Pediatric Topics.

Paul J. Munzenberger, M.S., Pharm.D.¹, Victoria Tutag Lehr, Pharm.D.¹, Stephanie Baringhaus, Pharm.D.², Ronald Thomas, Ph.D.³; (1)Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University, Detroit, MI; (2)Wayne State University, Detroit, MI; (3)Department of Pediatrics, Children's Hospital of Michigan, Detroit, MI

Pharmacoepidemiology

Transplant/Immunology

112. Psychometric reevaluation of the Immunosuppressant Therapy Adherence Scale among solid-organ transplant recipients. *Marie A. Chisholm-Burns, PharmD, MPH¹*, Scott E. Wilks, PhD², Christina A. Spivey, PhD¹; (1)The University of Arizona College of Pharmacy, Tucson, AZ; (2)Louisiana State University School of Social Work, Baton Rouge, LA

113. Social support and immunosuppressant therapy adherence among adult renal transplant recipients. *Marie A. Chisholm-Burns, PharmD, MPH¹*, Christina A. Spivey, PhD¹, Scott E. Wilks, PhD²; (1)The University of Arizona College of Pharmacy, Tucson, AZ; (2)Louisiana State University School of Social Work, Baton Rouge, LA

CLINICAL PHARMACY FORUM

These abstracts describe the delivery, development, justification, or documentation of innovative clinical pharmacy services; they may be descriptive only and need not contain an evaluative component.

Cardiovascular

132. Development of a National Clopidogrel Card for Patients following Percutaneous Coronary Intervention. *Sotiris Antoniou, BPharm(Hons), MSc, DipMgt*, Anja Richter, BSc, Martin T Rothman, MBChB, FRCP, FACC, FESC; Barts and the London NHS Trust, London, United Kingdom

133. Outcomes in a multi-disciplinary heart failure disease management program. *Katharine O. Cornell, PharmD, BCPS*, Mona Shaban, BS, Tracy Connor-Riddick, PA-C, Laszlo Littmann, MD, FACC; Myers Park Clinic, Carolinas HealthCare, Charlotte, NC

Critical Care

142. Results of a pharmacotherapeutic follow-up program in an intensive care unit. *Erica R. Viegas, Dr*, Nadine P Ribeiro, Dr, Fátima P Falcão, Dr; S. Francisco Xavier Hospital, CHLO, 1500 Lisboa, Portugal

143. UKHealthCare off-label use process for recombinant activated factor VII. *Deanna M. McMahon, PharmD*, Jeremy D. Flynn, PharmD, BCPS, John A. Armitstead, MS, RPh, FASHP; UKHealthCare, Lexington, KY

144E. Comparison of the antibiotic dose prescription through an antibiotic dose alert system and by a clinical pharmacist in critically ill patients with renal dysfunction. *Barbara O. Claus, Hospital, Pharmacist¹*, Kirsten E. Colpaert, Ph¹, Valerie Vanderstraeten, Pharm², Kristof Steurbaut, Engineer¹, Johan M. Decruyenaere, PhD¹, Hugo Robays, Pharm¹; (1)Ghent University Hospital, Ghent, Belgium; (2)Ghent University, Ghent, Belgium

Drug Information

145. New Module of Regional Drug and Poisoning Information Center in Saudi Arabia. *Yousef Ahmed Alomi, Bsc., Msc., BCPS*, Amani M. Aleman, Bsc., Fahad S. Al-Refa, Bsc., Areej S. Al-Jebreen, Bsc., Amal M. Al-Smary, Bsc.; King Saud Medical Complex, Regional Drug and Poisoning Information Center, Riyadh, Saudi Arabia

146E. Strategies for Library Collection Development for Schools of Pharmacy. *Andrea L. McKeever, Pharm.D.¹*, Cathy H. Turner, Pharm.D.²; (1)South University School of Pharmacy, Savannah, GA; (2)Belmont University School of Pharmacy, Nashville, TN

Geriatrics

158. Identification of Problems Related to Medication Processes at a Geriatric Ward. *Charlotte S. Roth, cand.pharm*; Sygehusapotek Fyn, Odense, Denmark

159. Is high dose statin therapy safe in the elderly ?.

Séverine Gupta, PharmD¹, Isabelle Peyron, PharmD¹, Christelle Laguillier, PharmD², Nadine Oboa, PharmD¹, Anna Sarfati, PharmD¹; (1)APHP Hôpital Charles Foix - Department of Pharmacy, Ivry Sur Seine, France; (2)APHP Hôpital Charles Foix - Department of Clinical Chemistry, Ivry Sur Seine, France

160. Prescribing trends of diuretics in elderly patients.

Lilian M. Azzopardi, BPharm, (Hons), MPhil, PhD, Anthony Serracino-Inglott, BPharm, Pharm, D, Maurice Zarb-Adami, B, Pharm, PhD, Maria Grech, B, Pharm, (Hons); Department of Pharmacy, University of Malta, Msida, Malta

161. Utilization of technology to prevent and minimize inappropriate use of sedative/hypnotic agents in elderly inpatients.

Olga Hilas, Pharm.D., BCPS, CGP; St. John's University, Queens, NY

Infectious Diseases

163. Optimization of Anti-Infective Utilization Secondary to Technological Advances in the Field of Rapid Microbiology Diagnostic Tests.

Edward H. Eiland III, Pharm.D., MBA¹, Lea S. Eiland, Pharm.D.²; (1)Huntsville Hospital, Huntsville, AL; (2)Auburn University Harrison School of Pharmacy, Huntsville, AL

164. Impact of an infectious diseases clinical pharmacist on antibiotic use in outpatient clinics.

Marisel Segarra-Newnham, PharmD, MPH, FCCP, BCPS; Veterans Affairs Medical Center, West Palm Beach, FL

166. Role of Antimicrobial Stewardship in Controlling Fluoroquinolone Resistance Against Gram-Negative Organisms: Impact of Antimicrobial Stewardship Practice Difference On Resistance Trend in Two Academic Medical Centers.

Roy Guharoy, Pharm.D., Elizabeth Radigan, Pharm.D., Jennifer Daly, M.D., Donald Blair, M.D.; UMass Memorial, Worcester, MA

Medication Safety

168. Medication Reconciliation by a Pharmacist in the Emergency Department.

Andrea J. Kent, PharmD, Louise A Harrington, BScPharm, Jill D Skinner, BScPharm; Colchester East Hants Health Authority, Truro, NS, Canada

170. Quality assurance in a University Hospital Compounding Area: a comparison between American and European standards.

Carmen López-Cabezas, Pharm, D, Mercè Roca, Pharm D, Carles Codina, Pharm D, Josep Ribas, Pharm D; Hospital Clinic Barcelona, Barcelona, Spain

171E. Pharmacist participation in the medication reconciliation process at medical wards of Ramathibodi Hospital.

Taniya Paiboonvong, M.Sc, Preecha Montakantikul, Pharm.D., B.C.P.S., Pramote Tragulpiankit, Ph.D. ; Mahidol University, Bangkok

RESIDENTS AND FELLOWS RESEARCH IN PROGRESS

These papers describe original research by residents and fellows in therapeutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, and pharmacoepidemiology in which the research is still ongoing.

Cardiovascular

194. Evaluation of nonprescription medication use in heart failure patients.

Jill H. Cwik, Pharm.D.¹, Stephanie C. Lemon, Ph.D¹, Maichi T. Tran, Pharm.D., BCPS¹, Jennifer L. Donovan, PharmD², Theo E. Meyer, MD, DPhil¹; (1)UMass Memorial Medical Center, Worcester, MA; (2)Massachusetts College of Pharmacy and Health Sciences, Worcester, MA

195. Incidence of methadone induced QT-interval prolongation in patients with cardiovascular disease.

Wesley R. Zemrak, Pharm.D., J. Michael Boyd, Pharm.D., Kerry Pickworth, Pharm.D.; The Ohio State University Medical Center, Columbus, OH

196. Innovative clinical pharmacy services for patients undergoing percutaneous coronary interventions in a tertiary cardiology center.

Julie Methot, B.Pharm., Ph.D.¹, Isabelle Taillon, M.Sc.¹, Marie-Josée Boily, M.Sc.², Sylvain Gilbert, B.Sc.¹, Karine Lejeune, M.Sc.², Michelle Bernard-Genest, M.Sc.², Olivier Bertrand, MD, Ph.D.³; (1)Quebec Heart Institute (Hôpital Laval) / Faculty of pharmacy, Université Laval, Quebec, QC, Canada; (2)Quebec Heart Institute (Hôpital Laval), Quebec, QC, Canada; (3)Quebec Heart Institute (Hôpital Laval) / Faculty of medicine, Université Laval, Quebec, QC, Canada

197. Accuracy assessment of pharmacogenetically-predicted warfarin dosing in patients of a university hospital anticoagulation clinic.

Paul B. Shaw, PharmD¹, Jennifer L. Donovan, PharmD², Maichi T. Tran, PharmD¹, Pam Burgwinkle, NP¹, Joel Gore, MD¹; (1)UMass Memorial Medical Center, Worcester, MA; (2)Massachusetts College of Pharmacy and Health Sciences, Worcester, MA

198. Torsemide vs. furosemide plus metolazone for symptomatic chronic heart failure.

Elizabeth J. Greenhalgh, Pharm.D.¹, Vicki L. Groo, Pharm.D.¹, Thomas Stamos, M.D.², Robert J. DiDomenico, Pharm.D.³; (1)University of Illinois at Chicago Medical Center, Chicago, IL; (2)University of Illinois at Chicago, College of Medicine, Chicago, IL; (3)University of Illinois at Chicago, Chicago, IL

Critical Care

201. Utilization of transdermal lidocaine patches in rib fractures caused by thoracic blunt trauma injuries.

Gina Alvis, Pharm.D., Brian S. Smith, Pharm.D., BCPS, Timothy Emhoff, MD FACS, Jeffrey J. Fong, Pharm.D., BCPS; UMassMemorial Medical Center, Worcester, MA

202. Evaluation of atrial arrhythmias following non-cardiac thoracic surgery.

Stephen J. Lemon Jr., PharmD¹, Jeremy D. Flynn, PharmD, BCPS²; (1)UK HealthCare - Pharmacy Services, University of Kentucky, Lexington, KY; (2)UK HealthCare - Pharmacy Services, Department of Pharmacy Practice & Science, College of Pharmacy, University of Kentucky, Lexington, KY

203. Implementation of a diabetic ketoacidosis order set reduces the risk of hypoglycemia.

Courtney A. Sheehan, PharmD, BCPS, Judith A Jacobi, PharmD, BCPS, FCCM, FCCP, Kari L Roemke, PharmD, BCPS; Clarian Health/Methodist Hospital, Indianapolis, IN

Hematology/Anticoagulation

211. Characterization of a 24 hour pharmacist managed direct thrombin inhibitor (DTI) program.

T. Michael Farley, PharmD, George A. Davis, PharmD, BCPS, Daniel A. Lewis, PharmD, BCPS; University of Kentucky HealthCare, Lexington, KY

212. Drug use evaluation of protamine and phytonadione: are the doses appropriate?.

Teena Abraham, B.S., M.S., Pharm.D., BCPS, Nasser Saad, B.S., Pharm.D., Fabienne Vastey, B.S., Pharm.D., Eric Balmir, B.S., M.S., Amy Wang, Pharm.D., MBA; New York Methodist Hospital, Brooklyn, NY

213. Evaluation of a weight-based heparin dosing protocol in obese patients.

A. Kendall Gross, PharmD¹, Tracy E. Macaulay, Pharm.D., BCPS¹, Douglas T. Steinke, Ph.D.², Daniel A. Lewis, PharmD, BCPS¹; (1)University of Kentucky HealthCare, Pharmacy Services, Lexington, KY; (2)University of Kentucky College of Pharmacy, Lexington, KY

Infectious Diseases

214. Risk factors associated with the conversion of methicillin-resistant *Staphylococcus aureus* colonization to infection in hospitalized patients.

Lisa M. Harinstein, PharmD, Jason J. Schafer, PharmD, Frank D'Amico, PhD; UPMC St. Margaret, Pittsburgh, PA

215. Etiology and outcomes for pneumonia patients admitted from a skilled-nursing facility (SNF): implications for empiric antibiotic therapy.

Russell T. Attridge, Pharm.D., Christopher R. Frei, Pharm.D., M.Sc., BCPS; The University of Texas at Austin and The University of Texas Health Science Center at San Antonio, San Antonio, TX

216. Acquisition of resistance in urinary tract organisms infecting patients with spinal cord injury.

Young R. Lee, Pharm.D.¹, Sara D. Brouse, Pharm.D., BCPS¹, Susan Duquaine, Pharm.D., BCPS², Roger Bedimo, M.D., M.S.³, Lance L. Goetz, M.D.³; (1)Texas Tech University Health Sciences Center and the Dallas Veterans Affairs Medical Center, Dallas, TX; (2)VA North Texas Health Care System, Dallas, TX; (3)The University of Texas Southwestern Medical Center, Dallas, Texas and the Dallas Veterans Affairs Medical Center, Dallas, TX

Managed Care

217. Aspirin prescriptions at discharge: a strategy to increase the percentage of cardiovascular patients receiving aspirin.
Vanessa J. Taylor, Pharm.D.¹, Marcia L. Brackbill, Pharm.D.², Christine Sytsma, RN, MSN³; (1)Winchester Medical Center, Shenandoah University School of Pharmacy, Winchester, VA; (2)Shenandoah University School of Pharmacy, Winchester, VA; (3)Winchester Medical Center, Winchester, VA

STUDENT SUBMISSIONS

These papers describe original research by students in therapeutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, and pharmacoepidemiology in which the research is still ongoing.

ADR/Drug Interactions

234. INR elevation associated with maitake extract in combination with warfarin.
Michele R. Hanselin, Pharm.D., Candidate, Joseph P. Vande Griend, Pharm.D., Sunny A. Linnebur, Pharm.D.; University of Colorado Denver School of Pharmacy, Aurora, CO

235. Polymedication in hospitalized elderly patients: a prospective analysis of drug prescription.
Corinne The, Junior, Pharmacist, Julia Dessault, Junior pharmacist, Mélanie Robin, Junior pharmacist, Carole Frances, Pharmacist, Bertrand Gourdiere, Pharmacist; Department of Pharmacy - Reims University Hospital, Reims, France

236. Description of Adverse drug events (ADE) linked to health products: pharmaceutical students in the service of a public health mission.

Florence Ollivier, PharmD, PhD, student¹, Nathalie Asseray, M.D, PhD², Francoise Ballereau, PharmaD, PhD¹; (1)UPRES EA 3826 Faculté de Médecine, Nantes, France; (2)UPRES EA 3826 Faculté de médecine, Nantes, France

Ambulatory Care

237. Impact of pharmacist-directed diabetes education programs in a Veteran's Administration Medical Center.
Valerie M. Prost, BS¹, Cynthia M. Phillips, PharmD, CDE², James W. Hardin, PhD³; (1)University of South Carolina, College of Pharmacy, Columbia, SC; (2)South Carolina College of Pharmacy, USC campus, Columbia, SC; (3)University of South Carolina, Biostatistics Collaborative Unit, Columbia, SC

238. Asthma: A breathing experience.

Acaysia Webster, High, School, Student¹, Kenneth Rush, High School Student¹, Miranda Lucas, High School Student¹, Daniela Lobo, MD², Kristal L. Williams, PharmD, CDE³; (1)Crispus Attucks Medical Magnet High School, Indianapolis, IN; (2)IU Methodist Family Practice Center, Indianapolis, IN; (3)Butler University College of Pharmacy and Health Sciences / IU Methodist Family Practice Center, Indianapolis, IN

Cardiovascular

239. Retrospective review of warfarin use in patients with low ejection fraction and no established indication for anticoagulation.

Jessica Starr, PharmD, BCPS¹, Jessica L. Golden, Pharm, D, Candidate², Amy K. Pennington, Pharm, D, Candidate³; (1)Auburn University Harrison School of Pharmacy, Birmingham, AL; (2)Auburn University, Homewood, AL; (3)Auburn University, Birmingham, AL

Clinical Administration

240. RELATION between the route of administration of drugs and the feeding mode of patients in a French teaching hospital.

*Amina Bennani, Pharmacy, student*¹, Olivier Bourneton, pharmacy, student¹, Catherine Stiebert, pharmacy, student¹, Marie Czekala, pharmacy, student¹, Morgane Ethgen-Bonnet, pharmacist¹, Laurence Beretz, pharmacist¹, Philippe Wolf, medical, doctor²; (1)Pôle de pharmacie-pharmacologie, Hôpital de Hautepierre, Strasbourg, France; (2)Pôle des pathologies digestives, hépatiques et de la transplantation, Hôpital de Hautepierre, Strasbourg, France

Community Pharmacy Practice

241. Contributing Pharmaceutical Services with the U.S. Naval Hospital Ship Mercy through the Pacific Partnership 2008 in Vietnam and Timor Leste.

Amie Phuc Nguyen, PharmD., Candidate, Julie Ha Nguyen, Pharm.D. Candidate; University of California, San Diego, La Jolla, CA

242. Illinois Prescription Monitoring Program Utilization by Community Pharmacist.

*Christopher Herndon, PharmD, BCPS*¹, Andrew Brand, PharmD, Candidate², Matthew Layman, PharmD, Candidate³;

(1)Southern Illinois University at Edwardsville, Edwardsville, IL; (2)Southern Illinois University at Edwardsville, Waterloo, IL; (3)Southern Illinois University at Edwardsville, Glen Carbon, IL

243. Patient counseling efforts in U.S. community pharmacies: associations to pharmacy and personnel attributes.

*Stephan Linden, BSPharm*¹, Almut G. Winterstein, PhD², Carole Kimberlin, Ph.D.³; (1)University of Florida, Dept. of Pharmaceutical Outcomes & Policy, Gainesville, FL; (2)Department of Pharmacy Health Care Administration, University of Florida, Gainesville, FL; (3)University of Florida College of Pharmacy, Gainesville, FL

Critical Care

244F. Automated dispensing system in a medical intensive care unit: impact on medication errors and users' satisfaction.

*Claire Chapuis, Student*¹, Pierrick Bedouch, PharmD, PhD¹, Matthieu Roustit, PharmD², Carole Schwebel, MD, PhD³, Jean-François Timsit, MD, PhD³, Pascal Pansu, PhD⁴, Jean-Luc Bosson, MD, PhD², Jean Calop, PharmD, PhD⁵, Benoît Allenet, PharmD, PhD¹; (1)Department of Pharmacy, ThEMAS TIMC-IMAG UMR CNRS 5525 UJF, University Hospital, Grenoble, France; (2)Centre of Clinical Investigations, INSERM CHU Grenoble, University Hospital, Grenoble, France; (3)Medical Intensive Care Unit, University Hospital, Grenoble, France; (4)LSE-EA-602, UPMF, Grenoble, France; (5)Department of Pharmacy, University Hospital, Grenoble, France

Drug abuse and treatment

245. Evaluation of therapeutic adherence and withdrawal management in methadone maintenance treatment program in Penang Malaysia.

Wasif S. Gillani, MClin., Pharm.D., Azhar S. Sulaiman, Pharm. D; Universiti Sains Malaysia (USM), Malaysia, Pulau Pinang, Malaysia

Drug Information

246. Improvement of drug administration in patient with swallowing problems and feeding tubes.

Jocelyn Jezequel, Interne, Chloé Rousselière, pharmacist, Isabelle Carpentier, pharmacist; Pharmacy Department, Lens Hospital, France, Lens, France

Education/Training

247. Retrospective analysis of albumin utilization pre- and post- introduction of an albumin order sheet.

Megan E. Kavanaugh, Pharm.D.Candidate, B.S., Rebecca S. Pettit, Pharm.D.Candidate, MBA, Tammy L Burns, Pharm.D., Lee E Morrow, M.D., Mark A Malesker, Pharm.D.; Creighton University, Omaha, NE

248. A global interprofessional clinical rotation in pharmacy and nursing: partnership for sustainability of care.

*Brianna Riley, 2009, PharmD, Candidate*¹, Crystal Obering, PharmD, MBA², Thad Wilson, APRN, BC, PhD³; (1)University of Missouri Kansas City School of Pharmacy, Kansas City, MO; (2)Kansas City VA Medical Center, Kansas City, MO; (3)University of Missouri Kansas City School of Nursing, Kansas City, MO

249. Clinical pharmacy consultations provided by American and Kenyan pharmacy students during an acute care advanced pharmacy practice experience in western Kenya.

*Sarah E. Lyons, PharmD, candidate*¹, Evelyne Kamau, BPharm, Candidate², Shauna Santare, PharmD, candidate¹, Sonak D. Pastakia, Pharm., D., MPH³, Ellen M. Schellhase, Pharm., D.³, William R. Vincent III, PharmD⁴; (1)Purdue University, West Lafayette, IN; (2)University of Nairobi, Eldoret, Kenya; (3)Purdue University School of Pharmacy, West Lafayette, IN; (4)Arnold & Marie Schwartz College of Pharmacy and Health Sciences, Long Island University, Brooklyn, NY

250. Could physician education of pharmacokinetic principals improve gentamicin levels in neonates?.

*Katherine C. Han, Pharm., D., Candidate*¹, Gladys El-Chaar, Pharm., D.², Susana Castro-Alcaraz, M.D.³; (1)St. John's University College of Pharmacy and Allied Health Professions, Brooklyn, NY; (2)St. John's University College of Pharmacy and Allied Health Professions, Queens, NY; (3)Schneider Children's Hospital, New Hyde Park, NY

251. Cadaver anatomy - clinical correlations for pharmacy students.

Mary Liddelow, BS, MS, David A Apgar, PharmD; University of Arizona, Tucson, AZ

252. Advanced practice pharmacy experiences (APPE) students' impact & contribution in a medication therapy management (MTM) program in an independent-community pharmacy.

Kristin E. Vaughan, Pharm, D., Candidate, Tracy Tran, Pharm, D., Candidate, Armin Hariri, Pharm, D., Candidate, Anh-Vuong Ly, Pharm.D.; Loma Linda University, Loma Linda, CA

253. Improving patient perception about medication adherence.

Shannon B. Rosier, Pharm.D., Candidate¹, Theresa S. Tilden, Pharm.D. Candidate¹, *Leslie A. Sengel, Pharm.D.*², Kimberly R. Schnacky, Pharm.D.²; (1)University of Florida College of Pharmacy, Gainesville, FL; (2)Orlando VA Medical Center, Orlando, FL

Endocrinology

254F. Safety and efficacy of sitagliptin added to insulin in Type 2 Diabetes.

*Benjamin Dropkin, Pre-Med*¹, Andrea N. Traina, Pharm.D.², Michael P. Kane, Pharm.D.², Robert S. Busch, M.D.³, Gary Bakst, M.D.³, Jill M. Abelseth, M.D.³, Robert A. Hamilton, Pharm.D.²; (1)Hamilton College, Clinton, NY; (2)Albany College of Pharmacy and Health Sciences, Albany, NY; (3)The Endocrine Group, LLP, Albany, NY

Geriatrics

255. Assessment of Inappropriate Medication Use and Dosage in Elderly Patients.

Yurhee Hong, MS, candidate, Sukhyang Lee, Pharm. D.; Sookmyung University, Graduate School of Clinical Pharmacy, Seoul, South Korea

256. Assessment of adverse drug events related to potentially inappropriate medications in elderly patients.

SunYoung Kim, MS, candidate, Sukhyang Lee, Pharm.D.; Sookmyung University, Graduate School of Clinical Pharmacy, Seoul, South Korea

257. Vascular risk factors and Alzheimer's disease: the role of medications.

*Stephanie M. Seaton, Pharm.D.(Candidate)*¹, Catherine M. Roe, B.A., M.S., Ph.D.², John C. Morris, M.D.², Monique M. Williams, M.D.²; (1)St. Louis College of Pharmacy, St. Louis, MO; (2)School of Medicine, Washington University in St. Louis, St. Louis, MO

Health Services Research

258. Impact of the medical home on the safety and quality of health care in Canada.

*Andrea C. Scobie, MHSA*¹, Neil J. MacKinnon, PhD, FCSHP¹, Sean D. Higgins, BSc¹, Holly Etchegary, PhD², Rhonda Church, MD³; (1)Dalhousie University, Halifax, NS, Canada; (2)IWK Health Centre, Halifax, NS, Canada; (3)Gateway Family Practice, Bridgewater, NS, Canada

259. Health service challenges in chronic illness management: the views of Australian pharmacists.

Elin C. Lehnborn, BScPharm, MPharmSc, MClinPharm, Jo-anne E. Brien, BPharm, BS(Pharm), PharmD; Faculty of Pharmacy, Sydney, Australia

260. Cost-shifting and timeliness of drug formulary decisions in Atlantic Canada.

Andrea C. Scobie, MHSA, Neil J. MacKinnon, PhD, FCSHP; Dalhousie University, Halifax, NS, Canada

Herbal/Complementary Medicine

261. Evaluation of Antidiabetic activity of *Momordica cymbalaria* in streptozotocin induced diabetic rats.

Henis J. Patel Jr., B.Pharm, Kamal Modh, B.Pharm., M.Pharm., I.S. Anand, B.sci.(medicine), M.Pharm., Ph.D, C.N. Patel, B.Pharm., M.Pharm., Ph.D; Shri Sarvajani Pharmacy College, Mehsana, Mehsana, India

262. Assessment of Complementary and Alternative Medicine Utilization in Cancer Patients at Moores UCSD Cancer Center.

Rebecca Lau, B.S., Trang Tran, Pharm.D., Beatriz Batarese, Pharm.D., Felicity Shen, Pharm.D., James Gonzales, Pharm.D., Susan Wilson, Pharm.D., Linda Barnachea, Pharm.D., BCOP, Eunice Tang, Pharm.D., BCOP, Meghana Trivedi, Pharm.D., Ph.D.; Moores UCSD Cancer Center, La Jolla, CA

Infectious Diseases

263. Evaluation of the Use of Three Antifungal Agents for the Treatment of Fungal Infections at a Community Hospital.

Whitney K. Deal, PharmD, Candidate¹, Vanthida Huang, PharmD, BSPHM², NaaDede Badger, PharmD, BCPS³, Todd Parker, PharmD³; (1)Mercer University, Atlanta, GA; (2)Department of Pharmacy Practice, Mercer University College of Pharmacy and Health Sciences, Atlanta, GA; (3)Piedmont Hospital, Atlanta, GA

265. Policies for the use of antibiotics in 54 Western French hospitals in 2007.

Florence Ollivier, PharmD, PhD, student¹, Nathalie Asseray, M.D, PhD¹, Sonia Thibaut, PhD², Gilles Potel, M.D, Ph.D¹, Francoise Ballereau, PharmaD, PhD¹; (1)UPRES EA 3826 Faculté de Médecine, Nantes, France; (2)MedQual CHU de Nantes, Nantes, France

266. Association between Fluoroquinolone use and Antimicrobial resistance.

Jiyeon Seo, M.S.candidate, Sukhyang Lee, Phram.D., Ph.D; Graduate School of Clinical Pharmacy, Sookmyung Women's University, Seoul, South Korea

267. Setting up of tools helping in the prescription of antibiotics in hospitals in the Pays de la Loire Region: Creation of a regional thesaurus of antibiotherapy protocols.

Florence Ollivier, PharmD, PhD, student¹, Sandra Bourdon, PharmaD², Nathalie Asseray, M.D, PhD³, David Feldman, PharmaD⁴, Gilles Potel, M.D, Ph.D¹, Francoise Ballereau, PharmaD, PhD¹; (1)UPRES EA 3826 Faculté de Médecine, Nantes, France; (2)CHD la Roche sur Yon, La Roche sur Yon, France; (3)UPRES EA 3826 Faculté de médecine, Nantes, France; (4)CRMDM-ARH Pays de la Loire, Nantes, France

268. Evaluation of vancomycin MIC increase among clinical MRSA isolates at a private hospital.

Lida M. Valentine, PharmD, Candidate¹, Douglas A. Prince, MMSc², Vanthida Huang, PharmD, BSPHM¹; (1)Department of Pharmacy Practice, Mercer University College of Pharmacy and Health Sciences, Atlanta, GA; (2)Piedmont Hospital, Atlanta, GA

Managed Care

269. Impact of levofloxacin prophylaxis utilization among neutropenic patients with haematologic malignancies.

Sophie Perriat, resident, Emilie Talagrand, resident, Jean Côme Meniane, hematologist, Patrice Ceballos, hematologist, Nathalie Fegueux, hematologist; CHU Lapeyronie, Montpellier, France

Medical Device

270. Efficacy of wound treatment by vacuum-assisted closure.

Christelle Boczek, Student, Nathalie Martin, PharmD, Christelle Labrande, PharmD, Albert Darque, PharmD, Marie-Claude Bongrand, PharmD; CHU Conception AP-HM, Marseille

Medication Safety

271. Quality of prescription: an ambulatory dispensation experience in a teaching hospital.

Fanny Oger, Junior, pharmacist, Anissa Poirer, pharmacy, technician, Melanie Richard, pharmacy, technician, Morgane Ethgen-Bonnet, Pharmacist, Bertrand Gourdier, Pharmacist; Department of Pharmacy - Reims University Hospital, Reims, France

272. Quality of the prescription: a retrospective analysis of pharmacist clinical interventions in computerized units.

Fanny Oger, Junior, pharmacist, Corinne The, Junior, pharmacist, Julia Dessault, Junior, pharmacist, Morgane Ethgen-Bonnet, Pharmacist, Bertrand Gourdier, Pharmacist; Department of Pharmacy - Reims University Hospital, Reims, France

273. Effectiveness of Medication Dispensing Machine.

Erin E. Thatcher, B.A., Biochemistry, Karen Farris, PhD., Professor, Julie Lang, M.B.A., Research Assistant; University of Iowa, Iowa City, IA

Nephrology

274. C-reactive protein changes in anemic non-dialysis chronic kidney disease patients receiving intravenous iron.

*Harleen Guraya, Pharm.D., Candidate*¹, Naomi V. Dahl, Pharm.D.²; (1)Wilkes University, Wilkes-Barre, PA; (2)Watson Laboratories, Morristown, NJ

Nutrition

276. What product attributes influence dieters on the selection of weight loss food items.

*Kari L. Vavra, Pharm.D., Candidate*¹, Evie E. Slagh, Pharm.D., Candidate², Allison Bernknopf, PharmD, BCPS³, Gregory Wellman, Ph.D.⁴; (1)Ferris State University College of Pharmacy, Davison, MI; (2)Ferris State University College of Pharmacy, Holland, MI; (3)Ferris State University College of Pharmacy, Kalamazoo, MI; (4)Ferris State University College of Pharmacy, Grand Rapids, MI

Oncology

277. Use of dexrazoxane in breast cancer: does it systematically use dexrazoxane with epirubicin in adjuvant or neo-adjuvant?

*Jonathan Finzi, Pharmacist, Resident*¹, Karine Morand, Pharmacist, Doctor¹, Jean Chidiac, Medecine, Doctor², Marie L. Brandely, Pharmacist, Doctor¹, Francois Chast, Pharmacist, Professor¹; (1)Pharmacy department, Hotel Dieu Hospital, Paris, France; (2)Oncology department, Hotel Dieu Hospital, Paris, France

278. Intentional and unintentional nonadherence to imatinib in patients with chronic myeloid leukaemia.

Lina L. Eliasson, BSc, (Hons), Nick Barber, BPharm, PhD, MRPharmS, FRSM, Sarah Clifford, BA, MSc, PhD, CPsychol; The School of Pharmacy, University of London, London, United Kingdom

279. Effects of iron treatment on serum phosphate levels in anemic cancer patients undergoing chemotherapy.

*Kara Avila, Pharm.D., Candidate*¹, Naomi V. Dahl, Pharm.D.²; (1)Wilkes University, Wilkes-Barre, PA; (2)Watson Laboratories, Morristown, NJ

Pediatrics

280. Current Treatment Practices of Pediatric Oncologists Management of Depression and Anxiety Disorders in 9 Institutions across the United States.

*Lalymar T. Fernandez, MS, PharmD, Candidate*¹, Robert B. Noll, PhD², Sean Phipps, PhD³, Lori Wiener, PhD⁴, Avi Madan-Swain, PhD⁵, Heather Huzti, PhD⁶, Nicole Vincent, PhD⁶, Mary J. Kupst, PhD⁷, Larry L. Mullins, PhD⁸, Rhonda Robert, PhD⁹, Robert J. Wells, MD⁹, Olle J. Sahler, MD¹⁰, Ty Ridenour, PhD¹¹; (1)Duquesne University School of Pharmacy, Pittsburgh, PA; (2)Children's Hospital of Pittsburgh, Pittsburgh, PA; (3)St. Jude Children's Research Hospital, Memphis, TN; (4)National Cancer Institute, Bethesda, MD; (5)Children's Hospital Birmingham, Birmingham, AL; (6)Children's Hospital of Orange County, Orange, CA; (7)Medical College of Wisconsin, Milwaukee, WI; (8)Oklahoma State University, Stillwater, OK; (9)University of Texas M.D. Anderson Cancer Center, Houston, TX; (10)University of Rochester, Rochester, NY; (11)University of Pittsburgh, Pittsburgh, PA

281. Intravenous immunoglobulin, high-dose corticosteroids, and infliximab in the treatment of refractory Kawasaki disease: A retrospective review.

Amanda J. Worshum, Student¹, Paula Thompson, M.S., Pharm.D., BCPS¹, Mary Worthington, Pharm.D., BCPS¹, Sean King, M.S., Ph.D.¹, Walter H. Johnson Jr., M.D.²; (1)Samford University, Birmingham, AL; (2)University of Alabama at Birmingham, Birmingham, AL

282. Discovery of HIV infection in a 10 years old girl in a paediatric hospital: case report.

Duval S. Stéphanie, student; Pharmacy Department; Paediatric hospital Clocheville, Tours, France

283. Discovery of HIV infection in a 10 years old girl in a paediatric hospital: case report.

Duval Stéphanie, Student¹, Marchand Sophie, Dr², Scharr Karin, Dr¹, Senon Géraldine, Dr¹, Provot Stéphanie, Dr¹, Meunier Philippe, Dr¹; (1)Pharmacy Department; Paediatric hospital Clocheville, Tours, France; (2)Paediatric Department; Paediatric hospital Clocheville, Tours, France

Pharmacoeconomics/Outcomes

284. An Analysis of Computer Alerts Suggesting Oral Medication Use during Computerized Order Entry of Intravenous (IV) Medications.

William L. Galanter, M.D., Ph.D., Xiaoping (Frank) Liu, M.S., Bruce Lambert, Ph.D.; University of Illinois at Chicago, Chicago, IL

Pharmacoepidemiology

285. The USE of PEG-Interferon in Four Piedmont's Public Local Sanitary Companies (ASL) during Years 2006/2007 as Therapy for Patients with B and NON a NON B Hepatitis.

Elena Mittone, doctor¹, Michelangela Pozzetto, doctor², Lucia Bagnasco, doctor¹, Elisa Sciorsci, doctor¹, Daniela Piccioni, doctor³, Vera Pastore, doctor³, Andreina Bramardi, doctor⁴, Lorenza Ferraro, doctor², Maurizia Mazengo, doctor⁵; (1)Turin-School of Hospital Pharmacy, Torino, Italy; (2)Turin-Territorial Pharmaceutical Service ASL TO2, Torino, Italy; (3)Turin-Pharmaceutical Service, Hospital Martini ASL 2, Torino, Italy; (4)Mondovì-Ceva-Pharmaceutical Service ASL16, Mondovì, Italy; (5)Turin-Pharmaceutical Service, Hospital Maria Victoria and Amedeo of Savoia ASL 3, Torino, Italy

Pharmacokinetics/Pharmacodynamics/Drug Metabolism/Drug Delivery

286F. Atenolol pharmacokinetics and excretion in breast milk during the first 6-8 months postpartum.

Joong D. Kim, BS¹, Gail D. Anderson, PhD¹, Megan L. Buchanan, BS¹, Jinny K. Eun, BA¹, Debra A. Brateng, RN², Darcy B. Carr, MD², David K. Blough, PhD¹, David E. Woodrum, MD³, Thomas R. Easterling, MD², Mary F. Hebert, PharmD, FCCP⁴; (1)University of Washington Department of Pharmacy, Seattle, WA; (2)University of Washington Department of Obstetrics and Gynecology, Seattle, WA; (3)University of Washington Department of Pediatrics, Seattle, WA; (4)University of Washington Departments of Pharmacy and Obstetrics & Gynecology, Seattle, WA

288. Bioequivalence potential of a new extended-release formulation determined by clinical trial simulations.

Philippe Colucci, M.Sc.¹, Jacques Turgeon, B.Pharm, PhD², Murray P. Ducharme, Pharm.D.³; (1)Université de Montreal, Montreal, QC, Canada; (2)Centre Hospitalier de l'Université de Montréal (Research Center), Montreal, QC, Canada; (3)Cetero Research, Cary, NC

289. Evaluating the effects of population based volume of distribution models on the elimination rate constant (Ke) in predicting target vancomycin concentrations.

Vishal S. Shah, BS, PharmD, Candidate, S. Scott Sutton, Pharm.D.; College of Pharmacy - University of South Carolina, Columbia, SC

Pharmacy Administration

290. Evaluation of beneficial effect dibotermine alpha in patients operated for a spine surgery.

Lemachatti J. Jihane, Internal, in, pharmacy, Gourieux Bénédicte, PH, Steib Jean Paul, PH, Beretz Laurence, PH; University teaching hospital of Strasbourg, Strasbourg, France

Pharmacy Practice (adherence to medications)

291. Barriers to adherence to medications among Kuwaiti patients with type 2 diabetes mellitus.

Fatima B. Jeragh-Alhaddad, BA, MSc, Tina P. Brock, BA, BPharm, MS, EdD, Nick D. Barber, BPharm, PhD, MRPharmS, FRSM; School of Pharmacy, London, United Kingdom

Public Health and Education

292. My first patient: teen style.

*Kimberly Barker, PharmD, Candidate*¹, Carrie Kessler, PharmD Candidate¹, Tynesha Dodd, High School Student², Victoria Mathis, High School Student², Robert Hawthorne Jr, High School Student², Kristal L. Williams, PharmD, CDE³; (1)Butler University College of Pharmacy and Health Sciences, Indianapolis, IN; (2)Crispus Attucks Medical Magnet High School, Indianapolis, IN; (3)Butler University College of Pharmacy and Health Sciences / IU Methodist Family Practice Center, Indianapolis, IN

Pulmonary

293. Design and preliminary evaluation of a pharmacist collaborative care program in pulmonary arterial hypertension.

Mathieu Roustit, PharmD, (resident), Benoit Allenet, PharmD, PhD, Audrey Lehmann, PharmD, Magalie Baudrant, PharmD, Jean Calop, PharmD, PhD, Christophe Pison, MD, PhD, Pierrick Bedouch, PharmD, PhD; CHU Grenoble, Grenoble, France

Quality improvement

294F. Evaluation of cardiovascular medication use (2): Development and validation of an assessment tool for use in Germany. *Tobias Dreischulte, MSc*¹, Susanne Frisse, Dipl.-Pharmzeutin², Andrea Liekweg, Dr.rer.nat.³, Thomas Twisselmann, Dr.med.³, Gerian Groenefeld, Dr.med., PD³, Ulrich Jaehde, Professor, Dr.rer.nat.², Stephen A. Hudson, Professor, MPharm¹;

(1)Pharmaceutical Sciences, Strathclyde Institute of Pharmacy and Biomedical Sciences, University of Strathclyde, Glasgow G4 0NR, United Kingdom; (2)Rheinische Friedrich-Wilhelms-University, Bonn, Germany; (3)Asklepios Kliniken Hamburg GmbH, Germany, Hamburg, Germany

295. Evaluation of cardiovascular medication use (1): A novel multidisciplinary approach to guideline implementation in Dutch primary care.

*Tobias Dreischulte, MSc*¹, Michiel E. Verhulst, BSc², Leendert H. Heeres, MSc, PharmD³, Erik E. Gerbrands, MSc, PharmD³, Jan de Waard, MD⁴, Hugh R. Kruyt, MD⁵, Johan J. de Gier, Professor, MSc, PharmD⁶, Stephen A. Hudson, Professor, MPharm¹; (1)Pharmaceutical Sciences, Strathclyde Institute of Pharmacy and Biomedical Sciences, University of Strathclyde, Glasgow G4 0NR, United Kingdom; (2)Rijksuniversiteit Groningen, Department of Pharmacy, Groningen, Netherlands; (3)Apotheek 'it Krúswâld', Buitenpost/Kollum, Netherlands; (4)General practice 'J. de Waard', Kollum, Netherlands; (5)General practice 'Groenkamp', Buitenpost, Netherlands; (6)Rijksuniversiteit Groningen, Groningen, Netherlands

Rheumatology

296. How the community pharmacist contributes to the multidisciplinary management of rheumatoid arthritis.

*Guillaume Landry, Student*¹, *Virginie Nerich, Dr*¹, Anne Sophie Woronoff, Dr², Daniel Wendling, Pr³, Marie-Christine Woronoff-Lemsi, Pr¹; (1)CHU Jean Minjoz - Pharmacy, Besancon, France; (2)Association Nationale de Défense contre l'Arthrite Rhumatoïde (ANDAR), 25000, France; (3)CHU Jean MINJOZ - Department of Rheumatology, Besancon, France

LATE BREAKERS

These papers describe original research in therapeutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, and pharmacoepidemiology.

Cardiovascular

301E. Carvedilol to Bisoprolol Therapeutic Interchange in Heart Failure Patients.

Doreen S. Tan, BSc(Pharm), Ying Ru Ng, BSc(Pharm) Hons; Alexandra Hospital, Singapore, Singapore

Critical Care

304. Frequency of carbapenem usage with medications that undergo glucuronidation in the critically ill.

*Troy D. Kish, Pharm.D.*¹, Henry Cohen, MS, Pharm.D., FCCM, BCPP, CGP², Bishoy Luka, Pharm.D.¹, Rajat Mukherji, M.D.¹; (1)Kingsbrook Jewish Medical Center, Brooklyn, NY; (2)Arnold & Marie Schwartz College of Pharmacy and Health Sciences of Long Island University and Kingsbrook Jewish Medical Center, Brooklyn, NY

Drug Information

305. Selective digestive decontamination suspension: galenic, physico-chemical and microbiological stability.
Aur lie Le Ridou, Pharm.D, Ronan Barbotin, Pharm.D, Olivier Tribut, Pharm.D, Loic Javaudin, Pharm.D, Gilles Dollo, Pharm.D, Ph.D; Rennes University Hospital, Rennes, France

Infectious Diseases

312. Role of ward pharmacist in management of systemic antifungal drugs in hematology department of San Giovanni Battista Hospital, Turin, Italy.

Francesco Cattel, Structured, Pharmacy, Manager, Massimo Massaia, Professor, of, Hematology, Annalisa Gasco, Structured, Pharmacist, Manager, Matilde Scaldaferri, specializing, pharmacist, Angelo Potenzieri, specializing, pharmacist, Candida Vitale, physician, Eleonora Cerutti, specialized, pharmacist, Sara Boffa, specialized, pharmacist, Evelyn J. Pennone, specializing, pharmacist, Lara Tomatis, specializing, pharmacist, Silvana Stecca, Director, pharmacist, manager; San Giovanni Battista Hospital, Turin, Italy

313E. Comparison of Linezolid (LZD) and Daptomycin (DAP) for Vancomycin-Resistant Enterococcus Bacteremia (VREB).
*Laura LoCastro, PharmD*¹, Jason C. Gallagher, PharmD, BCPS²; (1)University of the Sciences in Philadelphia, Philadelphia, PA; (2)Temple University Hospital, Philadelphia, PA

PEDIATRIC RESEARCH AND PRACTICE ABSTRACTS

These papers describe pediatric research in therapeutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, and pharmacoepidemiology.

329. Descriptive evaluation of a pediatric pharmacotherapy elective course.

Kimberly A. Pesaturo, PharmD, Evan R. Horton, PharmD, Paul Belliveau, PharmD; Massachusetts College of Pharmacy and Health Sciences, Worcester, MA

330. Study the Efficacy of Two Different Regimens of Amikacin in Neonatal Sepsis.

Manal H. El Hamamsy, PhD, Angi A., Mohsen A., Heshm A., Abd Elhadi, Hedaia, Awad, MD, PhD, MD; faculty of pharmacy, Ain Shams University, Cairo Egypt, Cairo

331E. Light protection of infusions in the Neonatal Intensive Care Unit (NICU) - the Martha Stewart way.

Elin H. Bergene, Cand.pharm.; Trondheim Hospital Pharmacy, Trondheim, Norway

332. Optimizing bactericidal exposure for β -lactams using extended infusions in the pediatric population.

*Joshua D. Courter, PharmD*¹, Joseph L. Kuti, PharmD², Jennifer E. Giroto, PharmD, BCPS¹, David P. Nicolau, PharmD, FCCP, FIDSA²; (1)Connecticut Children's Medical Center, Hartford, CT; (2)Center for Anti-Infective Research and Development, Hartford Hospital, Hartford, CT

333. Experience with topical pimecrolimus in the treatment of atopic dermatitis in African American children.

*Paul J. Munzenberger, M.S., Pharm.D.*¹, Farah Malick, M.D.², Rosemary Shy, M.D.³, Fasahat Hamzavi, M.D.², Elizabeth Secord, M.D.³, Ronald Thomas, Ph.D.⁴; (1)Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University, Detroit, MI; (2)Department of Dermatology, Wayne State University, Detroit, MI; (3)School of Medicine, Wayne State University, Detroit, MI; (4)Department of Pediatrics, Children's Hospital of Michigan, Detroit, MI

334. Neonatal and pediatric peripheral parenteral nutrition - what is a safe osmolality?.

*Jeffrey J. Cies, Pharm.D., BCPS*¹, Wayne S. Moore II, Pharm.D.²; (1)St. Christopher's Hospital for Children, Philadelphia, PA; (2)Alfred I. duPont Hospital for Children, Wilmington, DE

335. Retrospective review of agents used to prevent contrast induced nephropathy in pediatric patients.
*Jonathan M. Kline, Pharm.D.*¹, Davey Legendre, Pharm.D.²; (1)West Virginia University School of Pharmacy, Martinsburg, WV; (2)Central Mississippi Medical Center, Jackson, MS
336. Main tendencies in the use of antibiotics in the Children hospital in Latvia (2005-2008).
Inese Sviestina, MA; *MSc*; Children Hospital Gailezers / Riga Stradins University, Riga, Latvia
337. Stability of dexamethasone oral liquid formulation.
Céline Saint-Laurent, Pharm, D, Sylvain Rajezakowski, Pharm D, Stéphanie Silly-Violette, Pharm D, Antoine Dupuis, PH D; Centre Hospitalier Universitaire de Poitiers, Poitiers, France
- 338E. Sub-optimal dosing patterns of ACE inhibitors in pediatric cardiology patients.
S. Lucy Roche, MB, ChB, *Kathryn E. Timberlake, PharmD*, Mervin Balasingam, *, Paul Kantor, MBBCh, DCH, FRCPC; The Hospital for Sick Children, Toronto, ON, Canada
- 339E. Nutritional status (NS) influence on the outcome of pediatric liver transplant patients.
Anna Carollo, Pharm., D, Piera Polidori, Pharm.D, Silvana Bavetta, Pharm.D, Roberta Di Stefano, Pharm.D, Alessio Provenzani, Pharm.D, Francesca Venuti, Pharm.D, Maria Grazia Sidoti, Pharm.D, Valentina Zampardi, Pharm.D; ISMETT, Palermo, Italy
340. Osmolality of oral medications used in the neonatal intensive care unit.
Carla K. Findlater, PharmD, Dolores Iaboni, BScPhm, Hari Joshi, BSc; Sunnybrook Health Sciences Centre, Toronto, ON, Canada
341. A descriptive evaluation of asthma outcomes and asthma quality of life in patients seen by pharmacists in a BreathMobile facility.
Allison M. Chung, Pharm.D., BCPS, AE-C; Auburn University, Department of Pharmacy Practice; University of South Alabama, Department of Pediatrics, Mobile, AL
342. Elevated liver enzymes in neonates receiving amphotericin B in a teaching hospital in South Africa.
Andries GS Gous, Pharm., D., Natalie Schellack, BPharm, Maria Chale, MMed, (Paed), Linda Mothobi, MMed, (Paed); University of Limpopo (Medunsa Campus), Pretoria, South Africa
343. Rendering Pharmaceutical care in a neonatal intensive care unit at a teaching hospital in South Africa.
Natalie Schellack, BPharm, Andries.G.S Gous, Pharm.D.; University of Limpopo (Medunsa Campus), Pretoria, South Africa
344. Therapeutic drug monitoring of a once daily dosage regimen of Amikacin for Neonates at a teaching hospital in South Africa.
Natalie Schellack, BPharm, Andries.G.S Gous, Pharm.D.; University of Limpopo (Medunsa Campus), Pretoria, South Africa
345. Determining the comparative efficacy of aminophylline and caffeine in the prevention of apnoea of prematurity (AOP), in the Neonatal Intensive Care Unit at a teaching hospital in South Africa.
Natalie Schellack, BPharm, Andries.G.S Gous, Pharm.D., Patience. M.B Mawela, MMed (Paed); University of Limpopo (Medunsa Campus), Pretoria, South Africa
346. An evaluation of the effectiveness of British National Formulary for Children dosing recommendations for vancomycin in critically ill children.
*Adam B. Sutherland, MPharm, MSc.*¹, Christopher Todd, N/A²; (1)Pharmacy Department, Royal Hospital for Sick Children Glasgow, Glasgow, United Kingdom; (2)Royal Hospital for Sick Children, Glasgow, United Kingdom
347. Smart-pumps in the neonatal and pediatric intensive care unit: drug incompatibilities and occlusion alarms.
*Caroline Fonzo-Christe, PhD*¹, Amalys Kiener, MSc¹, Nathalie Bochaton, Nurse², Patrick Regard, Engineer³, Peter C. Rimensberger, MD², Pascal Bonnabry, PhD¹; (1)Pharmacy, University hospitals of Geneva (HUG), Geneva, Switzerland; (2)Neonatal and Pediatric Intensive Care Unit, HUG, Geneva, Switzerland; (3)Biomedical Service, HUG, Geneva, Switzerland
348. The use of azithromycin for the treatment of pediatric acute asthma exacerbations.
Kalen B. Porter, PharmD, BCPS, AE-C, Caitlin Bowers, Pharm.D., student; University of Georgia College of Pharmacy, Augusta, GA
349. Development of rescue anti-emetic guidelines for management of chemotherapy-induced nausea and vomiting in paediatric patients.

Julia Zingel, MSc, MRPharmS¹, Janet Ferguson, MSc, MRPharmS², Moira Kinnear, MSc, MRPharmS³, B. Julienne Johnson, PhD, MRPharmS¹, Stephen Hudson, MPharm, FRPharmS¹; (1)Strathclyde Institute of Biomedical Sciences, University of Strathclyde, Glasgow, United Kingdom; (2)NHS Lothian Pharmacy Service, Royal Hospital for Sick Children, Edinburgh, Edinburgh, United Kingdom; (3)Strathclyde Institute of Biomedical Sciences, University of Strathclyde; NHS Lothian Pharmacy Service, Edinburgh, United Kingdom

350. Evaluation of a caffeine protocol in a neonatal intensive care unit.

Marijo Kraisinger, Pharm.D.¹, *Kristen M. Jones, Pharm.D.¹*, *Mya Wilson, Pharm.D.²*, *Hilton Bernstein, M.D.¹*; (1)Disney Children's Hospital at Florida Hospital, Orlando, FL; (2)University of Maryland, Baltimore, MD

351. Pharmacist role in the education about labial adhesion to custodian of girls.

Betty A. Torres, Pharm.D., *Mirza Martínez, Pharm.D.*, *Lydia Gonzalez, Pharm.D.*, *Elga Vega, Ed.D.*; University of Puerto Rico, School of Pharmacy, Medical Sciences Campus, San Juan, Puerto Rico, PR

352. Decrease in prescribing errors with preprinted physician order form for admissions to the neonatal intensive care unit.

Dolores Iaboni, BScPhm, *Carla Findlater, Pharm, D*, *Ali Estifae, MSc, IS*, *Renata Gorecki, Advanced, Pharmacy, Technician*; Sunnybrook Health Sciences Centre, Toronto, ON, Canada

353. Implementation of a standardized electronic medication use guide in the neonatal intensive care unit.

Dolores Iaboni, BScPhm, *Ali Estifae, MSc, IS*, *Carla Findlater, Pharm D*; Sunnybrook Health Sciences Centre, Toronto, ON, Canada

354. Prevention of Medication Errors by Clinical Pharmacist and the Computerized Decision Support System (CDSS) in Neonatal Intensive Care Unit.

Sook Hee An, M.S.¹, *Jae Youn Kim, Ph.D.¹*, *Young Cheon Song, Ph.D.¹*, *Hyesun Gwak, Ph.D., Pharm.D.²*; (1)Department of Pharmacy, Asan Medical center, Seoul, South Korea; (2)Ewha Womans University, Seoul, South Korea

355. Evaluation of voriconazole levels in pediatric bone marrow and cord blood transplant patients.

Kathryn R. Matthias, Pharm.D.¹, *Heidi A. Hadley, Student¹*, *Susanne Cassie, R.N.²*, *Michael L. Graham, M.D.¹*; (1)The University of Arizona, Tucson, AZ; (2)University Medical Center, Tucson, AZ

357. Evaluation of the effectiveness, safety, dosing and cost with intravenous ibuprofen lysine for patent ductus arteriosus in a community hospital.

David N. Copelan, Pharm.D., MPA, FASHP; Southern Regional Medical Center, Riverdale, GA

358. LYSOSOMAL STORAGE DISEASES (LSDs):THE DEVELOPMENT OF SYNERGIES BETWEEN HOSPITAL PHARMACISTS AND PHYSICIANS IN ORDER TO DEVELOP PERTINENT CARE PLANS.

Michelangelo Fabbrocini, Hospital-Pharmacist, *Maria Teresa Carbone, Department-of-Paediatrics*, *Vincenzo Giordano, Setting-and-Planning-Manager*, *Alfonso Bernardo, Setting-and-Planning-Manager*, *Salvatore Nardi, Urgency-and-Internal-Medicine*, *Paolo Bellis, Urgency-and-Internal-Medicine*, *Antonio Correr, Department-of-Paediatrics*, *Nicola Silvestri, Medical-Director*; ASL NA 1, Napoli, Italy

359. Survey of the Prevalence of Use of Complementary and Alternative Medicines in a Pediatric Oncology Population.

Preeti Singh, MBBS, MPH, student¹, *Tracy Hagemann, Pharm.D.²*, *Kapil Saxena, M.D.³*; (1)University of Oklahoma College of Public Health, Oklahoma City, OK; (2)The University of Oklahoma College of Pharmacy, Oklahoma City, OK; (3)University of Oklahoma, College of Medicine, Oklahoma City, OK

360. Banding of antibiotic doses for neonates.

Amanda Bevan, BSc, (Hons), DPharm., *Philip Hayes, BSc, (Hons)*, *Ailsa Hutchinson, BSc, (Hons)*; Southampton University Hospitals NHS Trust, Southampton, United Kingdom

361. Microbiologic Stability of Neonatal Parenteral Nutrition Supplied as All-in-One Admixtures.

Grazia Mingolla, Pharmacy, *Anna Bianca Calzona, PHARMACY*, *Giovanni Guarany, PHARMACY*, *Gerardo Miceli Sopo, PHARMACY*, *Roberto Tazza, PHARMACY*; Sandro Pertini Hospital, Rome, Italy

362. From laboratory to bedside and back again - The use of blood spot analysis in paediatric care.

Sangeeta Tanna, BSc, PhD¹, *Graham Lawson, BSc PhD¹*, *Hussain Mulla, BSc, PhD²*, *Hitesh Pandya, M.B.ChB., MD²*; (1)Leicester School of Pharmacy, Faculty of Health and Life Sciences, De Montfort University, Leicester, United Kingdom; (2)Children's Hospital and Centre for Therapeutic Drug Evaluation of Drugs in Children, University Hospitals of Leicester NHS Trust, Leicester, United Kingdom

363E. A Cross-sectional study comparing variation in body surface area and chemotherapy dosing in pediatric oncology using two different methods.

Wasil A. Jastaniah, MD, FRCP(C), *Mohammed A. Aseeri, B.Sc., Pharm.D.*; King Abdul Aziz Medical City, Jeddah, Saudi Arabia

364E. Development of a pharmacist-based pediatric anticoagulation program.

Elora Hilmas, PharmD, BCPS; Alfred I duPont Hospital for Children, Wilmington, DE

365. Rectal Paraldehyde in the management of convulsive status epilepticus in children.

Andrew G Rowland, MD, *Andrea M. Gill, MSc, BPharm*, Briar Stewart, MD, Richard E Appleton, MD; Alder Hey Children's NHS Foundation Trust, Liverpool, United Kingdom

366. Good approach to treatment of disseminated Lymphangiomatosis.

Vesna Rosovic-Bazijanac, m.pharm., V. Rozmanic, prof., K. Manestar, prof., S. Banac, prof., D. Miletic, prof., N. Cace, prof., V. Ahel, prof.; Klinicki Bolnicki Centar Rijeka, Rijeka, Croatia

367E. Extended-Interval Gentamicin Administration in Neonates Greater Than 34 Weeks Gestational Age.

Gladys M. El-Chaar, Pharm., D¹, Susana Castro-Alcaraz, MD², Tingnong Supaswud, MD²; (1)St. John's University College of Pharmacy and AHP and Schneider Children's Hospital of the NS-LIJ HS department of pharmacy, Jamaica, NY; (2)Schneider Children's Hospital of the North Shore-Long Island Jewish Medical Center, New Hyde Park, NY

368. Free vs Total Cortisol Levels in Treatment of Adrenal Insufficiency in the Newborn.

Varsha Bhatt-Mehta, MS, (CRDSA), Pharm.D., FCCP, John D Barks, MD; University of Michigan, Ann Arbor, MI

369E. USE of Olanzapine for Emergency Management in the Agitated Pediatric Patient.

Brenda E. Darling, Pharm.D.¹, Mercedes Uribe, M.D.², Maria Stephan, M.D.³; (1)Children's Medical Center, Dallas, TX; (2)UT Southwestern Medical Center, Dallas, TX; (3)UT Southwestern Medical Center, Dallas, TN

370. Once-daily aminoglycoside dosing versus thrice or twice-daily dosing in cystic fibrosis patients: A comparison using pharmacokinetic simulations.

Jeanette D. Straight, PharmD, Sarah C. Erush, PharmD, BCPS, Talene A. Metjian, PharmD; The Children's Hospital of Philadelphia, Philadelphia, PA

371E. Improving and reducing first dose antibiotic turnaround time for pediatric patients.

Abigail A. Dee, Pharm.D.¹, Brian Kelly, Pharm.D.¹, Christian Hampp, Ph.D.², Carole Kimberlin, Ph.D.²; (1)Shands at University of Florida, Gainesville, FL; (2)University of Florida College of Pharmacy, Gainesville, FL

372. Immune globulin therapy: A report of adverse events associated with immune globulin therapy at a children's medical center.

Weng Man Lam, PharmD¹, Kelley R. Norris, PharmD, BCPS², Kalen B. Porter, PharmD, BCPS, AE-C³; (1)The University of Georgia, College of Pharmacy and MCG Health, Augusta, GA; (2)MCG Health, Inc., Augusta, GA; (3)University of Georgia College of Pharmacy, Augusta, GA

373E. Establishing pediatric specific training and competency documentation for pharmacy technicians at a Women's and Children's facility.

Melissa O'Neill, Pharm., D., Dianna K. Proulx, Pharm.D., Lindsay Lester, Pharm., D.; Huntsville Hospital, Huntsville, AL

374. Medication preferences at different age bands in paediatrics.

Graciela M. Calle, Principal, Pharmacist, Eduardo A. Lagomarsino, Principal Pharmacist, Gabriel H. Mato, Chief Pharmacist, Patricia Elmeaudy, Directorate; Hospital de Pediatria Prof. Dr. Juan P. Garrahan, Buenos Aires, Argentina

375E. Clinical development of the HIV-1 non-nucleoside reverse transcriptase inhibitor (NNRTI) etravirine for the pediatric population.

Thomas N. Kakuda, Pharm.D.¹, Rekha Sinha, M.D.², Ingeborg Peeters, B.S.², Rebecca Mack, M.S.¹, Katrien Janssen, M.S.², Aleidis Lasure, Pharm.D.², Katia Boven, M.D.¹, Richard M. W. Hoetelmans, Pharm.D., Ph.D.²; (1)Tibotec Inc., Yardley, PA; (2)Tibotec BVBA, Mechelen, Belgium

376E. Optimal dosing of once-daily aminoglycosides in pediatric patients with normal renal function.

Jennifer N. Ashton, Pharm.D.¹, Lisa M. Taylor, Pharm.D., BCPS¹, Robert Lawrence, MD², Elvin T. Price, Pharm.D.³; (1)Shands at the University of Florida, Gainesville, FL; (2)University of Florida College of Medicine, Gainesville, FL;

(3)University of Florida College of Pharmacy Department of Pharmacy Practice and Center for Pharmacogenomics, Gainesville, FL

377. A mnemonic developed for pediatric databases.

Per Nydert, M, Sc, Pharm; Karolinska University Hospital, Stockholm, Sweden

378E. Prevalence of venous thromboembolism in a pediatric hospital.

Elizabeth J. Beckman, Pharm.D., BCPS¹, Karen S. Hudmon, DrPH², Iftexhar D. Kalsekar, Ph.D.³, Holly M. Knoderer, M.S., M.D.⁴, Jennifer L. Morris, Pharm.D., BCPS⁵; (1)Riley Hospital for Children, Indianapolis, IN; (2)Purdue University, West Lafayette, IN; (3)Butler University, Indianapolis, IN; (4)Indiana University School of Medicine, Indianapolis, IN; (5)Purdue University, Riley Hospital for Children, Indianapolis, IN

379. Treatment of hyperammonemia in paediatrics: interest of Ammonul® - a case report.

Mélina Raimbault, Resident¹, Armelle Junchat, Resident¹, Géraldine Senon, Dr¹, Anne De La Guerenne, Dr², Laure Cosson, Resident³, Véronique Meteier, Dr¹, Lucie Chevrement, Resident¹, François Labarthe, Dr³, Philippe Meunier, Dr¹; (1)Pharmacy department, Clocheville Hospital, Tours, France; (2)Pharmacy department, Bretonneau Hospital, Tours, France; (3)Paediatric department, Clocheville Hospital, Tours, France

380. International cooperation must be improved in treating paediatric.

Xavier Cartan, Resident¹, Armelle Junchat, Resident¹, Géraldine Senon, Dr¹, Hélène Bourgoïn-Herard, Dr², Agnès Rousseau, Dr¹, François Labarthe, Dr³, Pierre Castelnau, Pr⁴, Philippe Meunier, Dr¹; (1)Pharmacy department, Clocheville Hospital, Tours, France; (2)Pharmacy department, Trousseau Hospital, Tours, France; (3)Paediatric department, Clocheville Hospital, Tours, France; (4)Neuropaediatric department, Clocheville Hospital, Tours, France

381. Pharmaceutical intervention in the nutritional care of a paediatric patient.

Lucie Chevrement, Resident¹, Mélina Raimbault, Resident¹, Géraldine Senon, Dr¹, Caroline Paulin, Student¹, François Labarthe, Dr², Anne Jourdain, Dr³, Pascal Blouin, Dr³, Stéphanie Prôvot, Dr¹, Philippe Meunier, Dr¹; (1)Pharmacy department, Clocheville Hospital, Tours, France; (2)Paediatric department, Clocheville Hospital, Tours, France; (3)Paediatric Oncology department, Clocheville Hospital, Tours, France

382. A retrospective analysis of factor VIIa use in pediatric patients.

Kristen G. Turner, PharmD¹, A. Jill Thompson, PharmD, BCPS²; (1)Spartanburg Regional Medical Center, Spartanburg, SC; (2)Medical University of South Carolina, Charleston, SC

383E. License status of drugs involved in neonatal and paediatric medication errors.

Sharon Conroy, BPharm, MRPharmS, PhD; University of Nottingham, Derby

384. Retrospective observational comparison study of poractant alpha and beractant in preterm infants with very low birth weight (<1500 grams) with respiratory distress syndrome.

Morgan K. Reynolds, Pharm.D.; Baystate Medical Center, Springfield, MA

385. Timing of initial palivizumab dosing and subsequent hospitalization for respiratory syncytial virus infection.

Kirsten H. Ohler, Pharm.D., BCPS, Jennifer T. Pham, Pharm.D., BCPS; University of Illinois at Chicago, Chicago, IL

386. A question of weight: Do obese children need higher than standard dose of enoxaparin for VTE prophylaxis?.

Teresa Lewis, Pharm.D., BCPS¹, Peter N. Johnson, Pharm.D., BCPS¹, Ashley Nebbia, Pharm.D. Candidate¹, Marny Dunlap, M.D.²; (1)The University of Oklahoma College of Pharmacy, Oklahoma City, OK; (2)University of Oklahoma College of Medicine, Oklahoma City, OK

387. Comparison of Levalbuterol and Racemic Albuterol Based on Cardiac Adverse Effects.

Laura LoCastro, PharmD; University of the Sciences in Philadelphia, Philadelphia, PA

388. Description of an Antimicrobial Stewardship Program in a pediatric hospital.

Leslie M. Stach, PharmD¹, Mary Anne Jackson, MD¹, Theoklis E. Zaoutis, MD², Jason G. Newland, MD¹; (1)Children's Mercy Hospital, Kansas City, MO; (2)Children's Hospital of Philadelphia, Philadelphia, PA

389. Counseling low health literacy parents at hospital discharge: methodology developed by the pediatric clinical pharmacy team at the University Hospital of Sao Paulo University, Brazil.

Monica C. S. Ricci, Master, degree, in, Pharmacy¹, Carlos P. Rodrigues, Pharmacy¹, Karen E. Andrade, Student, of, Pharmacy², Regina T. Goto, Student, of, Pharmacy²; (1)University Hospital of University of Sao Paulo, Sao Paulo, Brazil; (2)Faculdade de Ciencias Farmaceuticas, University of Sao Paulo, Sao Paulo, Brazil

390. Design and evaluation of a gentamicin dosing protocol in the neonatal intensive care unit at Mission Hospitals.

Melissa A. Gervase, Pharm.D.¹, Karl Ruch, Pharm.D.², Neena Varughese, Pharm.D.³, Beth Addington, Pharm.D.⁴; (1)Duke University Hospital, Durham, NC; (2)Mission Hospitals, Asheville, NC; (3)Pitt County Memorial Hospital, Greenville, NC; (4)Greenville Hospital System University Medical Center, Greenville, SC

391E. Stress ulcer prophylaxis in critically ill pediatric patients receiving intravenous famotidine and esomeprazole: a pH-based dose adjustment study.

Laura Hayn, PharmD, Elizabeth Farrington, PharmD, BCPS, FCCP, FCCM; University of North Carolina Hospitals, Chapel Hill, NC

392. Descriptive study of hepatotoxicity Associated with highly active antiretroviral therapy in pediatric patients.

Wanda Maldonado-Davila, B.S.Pharm., Pharm.D., Ricardo Lopez, Pharm.D., Jose A. Soto, Pharm.D., Luis D. Pagan, Pharm.D., Ines Esquilin, M.D.; University of Puerto Rico, San Juan, PR

393. Reintubation in preterm infants treated with surfactant increases in-hospital costs: a pharmacoeconomic analysis.

Robert Segal, MD¹, Carlos G Guardia, MD¹, Phillip Simmons, MS¹, Fernando R. Moya, MD², Walter T. Linde-Zwirble, BS³, James L. Doherty, BS³; (1)Discovery Laboratories, Inc., Warrington, PA; (2)South East Area Health Education Center, Warrington, PA; (3)ZD Associates LLC, Perkasie, PA

394E. Safety and efficacy of dietary supplements for use in ADHD.

Pratish C. Patel, Pharm.D.¹, Pranavkumar P. Patel, Pharm.D.², Viet H. Nguyen, Pharm.D.², Kevin J. Gregerson, Pharm.D.²; (1)University of Tennessee / Le Bonheur Children's Medical Center, Memphis, TN; (2)Nova Southeastern University, West Palm Beach, FL

395. Retrospective case-controlled study of poractant alfa versus beractant in the treatment of respiratory distress syndrome in preterm infants.

Jennifer T. Pham, PharmD, BCPS; University of Illinois at Chicago, Chicago, IL