Professional Posters by Category

Federal Forum Posters

Categories: Administrative Practice/Financial Management/Human Resources, Ambulatory Care, Cardiology/Anticoagulation, Clinical Services Management/Critical Care, Drug Information/Drug Use Evaluation, Infectious Disease/HIV, Informatics/Technology/Automation, Investigational Drugs, Oncology/Hematology, Pain Management/Palliative Care, Precepting/Preceptor Skills/Education and Training, Psychiatry/Neurology, Safety/Quality, Small and/or Rural Practice, Women’s Health

Sunday, December 8

Administrative Practice/Financial Management/Human Resources

1-001 Assessing nursing competency on United States Pharmacopeia (USP) 800 recommendations for the safe handling of hazardous drugs (HD), Amy Doten, Sarah Ferrell, Spencer Kurtz

Ambulatory Care

1-002 Safety and efficacy of direct oral anticoagulants (DOACs) at GLWACH, Maysoon Ababneh, Thamer Khasawneh

1-003 Assessment of the proper utilization of the inhaler devices among asthmatic patients, Farah El Husseini, Lara Haidar, Nathalie Lahoud, Emilie Feghali, Diana Malaeb

1-004 Effects of glucagon-like peptide-1 agonists and sodium-glucose cotransporter-2 inhibitors on HbA1c, weight, and total daily dose of insulin in uncontrolled diabetics, Christine Heath, Travis Linneman, Nancy Schmees, Sumon Sen

1-005 Medication use evaluation of antidiabetic agents within a VA healthcare system, Amy Lynn, Tara Butler, Kelly Moran

1-006 Effect of sociodemographic factors on CHA2DS2-VASc score among lebanese community patients, Diana Malaeb, Pascale Salameh, Hassan Housseini

1-007 Use of continuous glucose monitoring in a military outpatient clinic setting, Jacob Mock

1-008 Impact of implementing a mandatory computerized prescriber order entry set for oral fluoroquinolones on outpatient prescription rates in a rural VA health care system, Ryan Rubbelke, Cole Kling, Michael Lemon

1-009 Setting up a flu clinic for health professional students on a university campus, Monazzah Sarwar, Hali Ramirez, Alexis Tandyk

1-010 Medication use evaluation of non-evidence-based beta blockers in heart failure with reduced ejection fraction within a VA healthcare system, Steven Shofner, Tara Butler, Kelly Moran
Professional Posters by Category

1-011  Comparison of tobacco cessation therapies provided by pharmacist vs. non-pharmacist prescribers in a veterans population, Ivy Tonnu-Mihara

Cardiology/Anticoagulation

1-012  Assessing the impact of a pharmacist-led pharmacotherapy clinic in veterans with heart failure, Amy Lynn, Taler Collier, Shawn Dalton, Kelly Moran, Brien Thompson

1-013  Establishment of a virtual centralized anticoagulation services hub, Heather Ourth, Michael Tran, Sandra Hedin, Anthony Morreale

Clinical Services Management

1-014  Implementation of a discharge solution to improve patient opioid counseling and medication therapy, Cari Dillon, Phil Neary, Chris Brummett

1-015  Cost per responder analysis of ustekinumab and adalimumab in patients with moderate-severe psoriasis after failure to etanercept, Sara Garcia Gil, Gloria Julia Nazco Casario, Guillermo Antonio González De La Fuente, Fernando Gutiérrez Nicolás, Jonathan González García

1-016  Clinical and economic impacts of the reimbursement for cognitive pharmaceutical services for hospital-acquired infections in an intensive care units (ICUs) in Taiwan, Chia-Tu Yen, Yuh-Li Chang, Chian-Ying Chou

Critical Care

1-017  Assessment of post discharge medication prescription among stroke patients, Diana Malaeb, Hassan Housseini, Pascale Salameh

Drug Information/Drug Use Evaluation

1-018  Evaluation of liposomal bupivacaine use for post-surgical analgesia at VA Long Beach Healthcare System, Lisa Walker, Patricia Chun

Infectious Disease /HIV

1-019  Effect of vitamin D status on rates of sustained viral response in cirrhotic patients treated with sofosbuvir, sofosbuvir/simeprevir, or ledipasvir/sofosbuvir for hepatitis C viral infection, Emily Frye, Travis Linneman, Jeffrey Jansen, Ryan Moenster, Gillian Powderly

1-020  Missed opportunities for HIV diagnosis at a reference hospital in the northwest of Spain, Víctor Giménez Arufe, Noelia Fernández Bargiela, Purificación Cid Silva, Luis Margusino Framiñán, Isabel Martín Herranz

1-021  Influence of pharmacist intervention to reduce the percentage of readmission in HIV patients who are at high risk of hospital readmission, María Isabel Guzmán Ramos, Jose Manuel Martínez Sesmero, María De Las Aguas Robustillo Cortés, María Mercedes Manzano García, Ramón Morillo Verdugo
Professional Posters by Category

1-022 Reducing antibiotic prescribing for acute respiratory tract infections in a rural veterans affairs health care system, Kelly Moran, Timothy Schick

1-023 Effect of vancomycin restriction on duration of therapy in pneumonia patients, Thao Nguyen, Stephanie Wu

Informatics/Technology/Automation

1-024 Implementation of an infusion center patient tracking board to enhance efficiency and communication, Anne Marie Bott, Ashley Schaber

Investigational Drugs

1-025 Investigation of oxLDL-induced damage in human induce pluripotent stem cells-differentiated retinal pigment epithelial cell and establish retina degeneration animal model, Yuh Lih Chang, Po Wei Chen

Oncology/Hematology

1-026 Current clinical practice patterns of managing adult febrile neutropenia during cancer chemotherapy in tertiary care hospital in the United Arab Emirates, Rania Alsharji, Lina Wahba

Pain Management/Palliative Care

1-027 Measuring probability of opioid use at 3 postoperative time points in veterans with preoperative chronic opioid use, substance use disorder or mental health diagnoses, Shardool Patel, Aaron Beckner, Zachary Anderson, Kimberlee Bayless, Michael Buys

Precepting/Preceptor Skills/Education

1-028 Improving pharmacy knowledge and skills of pharmacy students through meta-analysis research: a project integrating research and teaching, Khoa Nguyen, Titus Schleyer

1-029 Assessment of the center of excellence in primary care education pharmacy trainees' readiness and opportunity when entering the veterans affairs workforce, Ivy Tonnu-Mihara, Amber Fisher, Lori Golterman, Nancy Harada, John Dinh

Psychiatry/Neurology

1-030 Outcomes comparison between risperidone and paliperidone in veterans, Hajar Ibrahim, Dat Duong, Benjamin Malcolm, Hyma Gogineni

1-031 Knowledge, attitude and practice among adult Lebanese patients with epilepsy and the impact on seizure control, Nada Kassem, Soumaya Houssein, Nathalie Lahoud, Marwan Akel, Iqbal Fahs

1-032 Evaluating utilization of a metabolic monitoring tool versus actual laboratory monitoring in patients receiving second-generation antipsychotics, Steven Shofner, Shawn Dalton, David Dixon, Cedar Koetting
Professional Posters by Category

Safety/Quality

1-033  An audit of night sedation prescribing in the Mater Misericordiae University Hospital (MMUH); what has changed in 10 years?, Mairead Casserly, Mariosa Kieran, Ciaran Meegan

1-034  Effect of a quality improvement activity to reduce the dispensing errors, Yeonhong Lee, Bomin Kim, Jinyoung Jeon, Jin Young Moon, Inyoung Seo

Small and/or Rural Practice

1-035  Increasing access to mental health and pain management for rural veterans by leveraging clinical pharmacy specialist providers, Tera Moore, Michael Tran, Julie Groppi, Terri Jorgenson, Heather Ourth

Women’s Health

1-036  Prevalence and determinants of anti-platelet and anti-thrombotic medication use in Lebanese pregnant females: a cross sectional study, Nour Farhat, Bouchra Mouhtadi

Professional Posters

Categories: Administrative Practice/Financial Management/Human Resources, Ambulatory Care, Cardiology/Anticoagulation, Chronic/Managed Care, Clinical Topics/Therapeutics, Complementary Alternative Medicine (herbals, etc.), Critical Care, Drug Information/Drug Use Evaluation, Infectious Disease/HIV, Pain Management/Palliative Care Pharmacy Technicians: Competencies/Development/Other, Professionalism and Career Development, Women’s Health

Monday, December 9

Administrative Practice/ Financial Management/Human Resources

4-001  Stress and burnout amongst pharmacy caregivers at a quaternary hospital in the Middle East, Mohamed Hisham Basheer, Mohammad Aslam Siddiqui, Shu’ainb Mahomed, Osama Tabbara

4-002  Effect of targeted interventions on cost savings and inventory control in automated dispensing cabinets at a community hospital’s emergency department, Rianne Bonitto, Billy Sin, Lilia Davenport, Josel Ruiz, Vivian Leonard

4-003  How to create a comprehensive competency plan for a three-hospital system, Kathy Chang, Ken Knapp, Natasha Nicol

4-004  Bedside prescription delivery program impacts hospital readmission rates, Cynthia Coffey, Matthew Foreman, Michael Shelton, Victoria Sisitka, Nehemiah Trash

4-005  Fosaprepitant conversion results in significant cost-savings, Hugh Easley, Ed Kent, Paul Saban, Poppy Wilson, Kaci Dominguez
Professional Posters by Category

4-006  Analysis of current status on the outpatients’ prescription and the proposal of improving payment system for pharmacy dispensing fee, Sang Young Lee, Yeeun Kim, Youjeong Cho, Myoungsook Min, Jeongmee Kim

4-007  Pharmacy-faculty work-life balance and career satisfaction: comparison of national survey results from 2012 and 2018, Tristan Lindfelt, Mitchell Barnett, Shadi Doroudgar, Emily Chan, Eric Ip

4-008  Impact of a technician led inventory stewardship program at a community hospital, Helen McKnight, Brandon Roberts, Calvin Jackson, Marcita Harris

Ambulatory Care

4-009  Ambulatory clinical pharmacy specialist’s contribution to the complex care practice: an innovative multidisciplinary service to reduce readmissions and emergency room visits from high utilizers, Susan Arnold, Mark Lamos, Vaibhav Parekh, Yuliya Klopouch

4-010  Impact of a pharmacist in the outpatient clinic of a community hospital, Lissette Bauza, Mercedes Frias, Ali Mazinani

4-011  Implementation of an integrated, hospital-owned specialty pharmacy and care model at a large academic institution, Bridget Cahill, Brooke Ruhland, Mengfan Cheng, Jennifer Donovan

4-012  New steps to reduce 30-day readmission through discharge counseling and follow-up phone calls in a meds-to- beds program, Larry Calemine, Jared Lapkowicz

4-013  Liver safety of ulipristal acetate for the treatment of uterine fibroids: a real world experience in a Korea hospital, Ji Young Choi, Hye won Han, Yun Hee Park

4-014  Pharmacist managed chronic disease state management under the patient centered medical home (PCMH) model: a cost-analysis, Anthony Donovan, Donald Klepser, Sarah Kuhl

4-015  The role of the pharmacist in pharmacogenomics testing in a family medicine residency practice, Staci Dotson

4-016  Correlating weekly warfarin dosing with patient shoe size: does size matter, Rebecca Erb, Ethan Nhan, Joseph Reilly, Kennara Vuong

4-017  Implementation of system pharmacy and therapeutics committee approved therapeutic interchanges for biosimilars at a community hospital within a large integrated health system, Lisa Farah, Nika Paulic, Indrani Kar

4-018  Assessment of the quality of life among asthmatic patients, Emilie Feghali, Hiba Al Harfany, Farah El Husseini, Nathalie Lahoud, Diana Malaeb

4-019  Evaluation of student attitudes of interprofessional education (IPE) opportunities in ambulatory care advanced pharmacy practice experiences (APPEs) in a school of pharmacy and health sciences, Alyssa Gallipani, Antonia Carbone
4-020  Impact of interprofessional hypertension chronic care clinic for uninsured patients, Tamara Ganiko, Katie Packard, Yongyue Qi, Anne Nikodem

4-021  Comprehensive medication management review (CMR) effectiveness on A1c reduction in patients with uncontrolled diabetes, Andrew Glaquinto, Ashmi Philips, Michael Casias, Navin Philips, Geralyn Prosswimer

4-022  Pharmacist’s role in discharge medication reconciliation in a meds to beds program, Joedell Gonzaga, WVU Medicine Discharge Pharmacists

4-023  Assessing pharmacy student driven refill capture and adherence improvement in a health systems pharmacy setting, Bradley Hughes, Alexander Infante, Monazzah Sarwar

4-024  Nine gene pharmacogenomics project: Mayo Clinic experience, Eric Matey, Jessica Wright, Razan El Melik, Jan Anderson, Tammy McAllister

4-025  Integration of pharmacists in a primary care setting reduces A1c in adults with diabetes mellitus, Ashley Moore, Mary Onykso, Nicole Kepner, Jennifer Cox

4-026  Validation of point-of-care INR correction equation, Christina Morton, Ted Heierman, Kim Hunger, Joe Bratsch

4-027  Evaluation of pharmacist-led comprehensive medication management (CMM) service provided to patients with diabetes in rural primary care clinics, Imi Mvere, Amanda Rigsby, Courtney Selby, Gabriella Douglass

4-028  Factors that influence patient’s late medication pick-up behavior in an outpatient pharmacy, Anitha Nagelli, Christina Godwin, Jonathan Nazari, Uyi Osaghae, Mandip Singh

4-029  Pharmacist’s intervention in addressing social determinants of health: a pilot project to assess food insecurities in the veteran’s population, Trung Nguyen, Rachel Chandra, Shaowei Wan

4-030  Linagliptin-induced debilitating arthralgia, Stefanie Nigro, Jennifer Goldman

4-031  Adherence improvement in ambulatory patients with chronic diseases, Alejandra Núñez-Sánchez

4-032  Evaluation of patient factors associated with achieving goal hemoglobin A1c in collaborative drug therapy management ambulatory care clinics by clinical pharmacists: a retrospective chart review, Stefanos Torkos, Jacqueline Burke, Kathy Zaiken

Cardiology/Anticoagulation

4-033  Improving accuracy of medication reconciliation for discharged patients at tertiary care hospital, Saudi Arabia, Ahmed Alanazi, Sameh Awwad

4-034  Does body mass index influence warfarin dosing requirements and anticoagulation control?, Eman Alhmoud, Mohammed Abdulgellil, Walid Mekkawi, Dana Bakdach
4-035  Evaluation of the validity of SAMe-TT2R2 score in a cohort of venous thromboembolism patients treated with warfarin in Qatar, Eman Alhmoud, Hazem Elewa, Mohammed Abdulgelil, Walid Mekkawi, Sayed Hassan

4-036  Reliability of point-of-care INR measurements in various patient populations, Kimberly Arline, Krista Sanchez, Cesar Rodriguez-Braham

4-037  Assessing the inappropriate use of low-dose apixaban at an academic medical center, Michael Boller, Jamie Smelser

4-038  Analysis of antithrombin III utilization for heparin resistance in cardiopulmonary bypass after criteria approval, Kimberly Bolton, Ryan Hobbs

4-039  Don’t overlook anticoagulation safety: importance of DOAC monitoring programs, Antonia DeQuevedo, Nicole Clark

4-040  Direct oral anticoagulant (DOAC) utilization assessment to prepare for Joint Commission national patient safety goal (NPSG) for anticoagulation therapy, John Dougherty, Katerina Xu, Nkiru Anyagaligbo, Sheldon Lefkowitz

4-041  Cangrelor use in patients undergoing percutaneous coronary intervention or neurovascular intervention with stent placement in a community hospital, Radhan Gopalani, Jessica Justiz, Andrea Marr-Peralto, Stephanie Palma, Monica Tadros

4-042  Retrospective evaluation of the appropriateness of use of Vernakalant at a tertiary-care teaching hospital in Lebanon, Ghida Halik, Rony Zeenny, Ulfat Usta, Petra Khoury

4-043  Incidence, severity and duration of thrombocytopenia after cardiopulmonary bypass, Ryan Hobbs, Emily House

4-044  Impact of obesity on real-world clinical outcomes in patients with atrial fibrillation on direct oral anticoagulant therapy: a retrospective cohort study, Nina Kim, Paul Godley, Karen Rascati, Kiumars Zolfaghari, Jeffrey Michel

4-045  Impact of ivabradine on hemodynamics and heart rate variability in acute heart failure, Yi-Cheng Lin, Bi-Li Chen, Chih-Wei Chen, Chun-Yao Huang

4-046  Knowledge, attitudes and prescribing practices of Lebanese physicians about aspirin for primary and secondary prevention of cardiovascular diseases in eligible patients, Mira Moawad, Doaa Shouman, Nathalie Lahoud, Jihan Safwan, Michelle Cherfan

4-047  Enoxaparin treatment dosing in an obese patient on hemodialysis, Thanh Thuy Nguyen, Anastasiya Plagova

4-048  Evaluation of four-factor prothrombin complex concentrate in the management of factor Xa inhibitor-associated bleeding, David Reynolds, Dustin Spencer, Jennifer Van Cura

4-049  Improper transition of care leading to stent occlusion and myocardial infarction, Michael Rickson, Jennifer Goldman
Professional Posters by Category

4-050  Assessment of unfractionated heparin use in a tertiary care hospital in Lebanon, Marwan Sheikh-Taha, Maria Aoun, Christina Boyajian, Ghaleb Ismail

4-051  Assessment of the calcium channel blocker, lower extremity edema, loop diuretic prescribing cascade: a prescription sequence symmetry analysis, Scott Vouri, Xinji Jiang, Almut Winterstein

4-052  Assessing baseline rates of stroke risk score documentation and anticoagulation in patients with atrial fibrillation (AF) at an integrated delivery network, Marie Yasuda, Anthony Colavecchia, Paul Godley, Jeffrey Michel

Chronic/Managed Care

4-053  Assessment of physician prescribing habits among patients with plaque psoriasis and psoriatic arthritis treated with ustekinumab, Trista Tam, Mengdi Tang

Clinical Topics/Therapeutics

4-054  Comparative clinical effectiveness of biological medications in the management of rheumatoid arthritis at a tertiary care hospital in Jazan, Saudi Arabia, Mohammed Abutaleb, Albaraa Marran

4-055  The impact of pharmacist interventions in conversion of intravenous medications to oral: a prospective study at Tawam hospital, UAE, Naama Al kalbani, sheilla Rashid

4-056  Efficacy and safety of nintedanib in elderly patients with idiopathic pulmonary fibrosis, Elisabeth Bendstrup, Francesco Bonella, Elena Bargagli, Leticia Orsatti, Ian Glaspole

4-057  Basaglar treatment failure: a case report, Luba Burman

4-058  Clinical pharmacist evaluation of medication inappropriateness in a geriatric hospital, Souraya Domiati, Omar Baayoun, Soha Faraj, Rita Poushuju, Jamal Yasmine

4-059  Assessment of knowledge and attitude of Lebanese patients towards antibiotics use, Souraya Domiati, Zeina Kabbout, Maha Abou Ela, Ahmed El Mallah

4-060  Knowledge and attitude toward common cold in Beirut, Lebanon, Souraya Domiati, Maha Abou Ela, Ghida Itani

4-061  Standardizing aminoglycoside induced ototoxicity monitoring in individuals with cystic fibrosis, E. Claire Elson, Ellen Meier, Stephanie Duehlmeyer, Christopher Oermann

4-062  Plecanatide for treating chronic idiopathic constipation: a pooled analysis of efficacy and safety, Howard Franklin, Gregory Sayuk

4-063  Efficacy and safety of plecanatide in patients with irritable bowel syndrome with constipation: pooled analysis of 2 randomized clinical trials, Howard Franklin, Jennifer Christie
4-064  Implementation of a diagnostic algorithm for heparin induced thrombocytopenia, Jessica Justiz, Heidi Clarke, Radhan Gopalani, Amy Montes

4-065  Clinically significant interaction between meropenem and valproic acid: a case series, Wissam Kabbara, Ahmad El Ouweini

Complementary Alternative Medicine (herbals, etc.)

4-066  Antimicrobial activity of camel lactoferrin peptide, Saleh Mohammed Alamri

4-067  Evaluation of anti-cancer effects of bitter melon, Hellen Ly, David Estaphnous, Azeen Hassanzadeh, Aftab Ahmed, Jerika Lam

4-068  Use and opinions of medical use of cannabis among patients, Michael Steinberg, Matthew Metcalf

4-069  Phosphodiesterase-5 inhibitors in complementary alternative medicine causing blind duplicate therapy and further health complications, Cindy Zheng, Mark Mikhail, Heba Essa, Doreen Szollosi, Mohamed Nounou

Critical Care

4-070  Retrospective study assessing drug utilization for agitation and delirium in the intensive care unit among Lebanese hospitalized patients, Zeina Al Hajj, Aya Atoui, Nathalie Lahoud, Razan Mhanna

4-071  Assessment of factors affecting CHA 2 DS 2 VASc score in acute stroke settings and its relation with MRS, Hiba Al Harfany, Nathalie Lahoud, Emilie Feghali, Lara Haidar, Diana Malaeb

4-072  Assessment of pharmacist competency during cardiopulmonary arrest code participation in a community hospital, Lissette Bauza, Yarelys Garcia, Ada Jalice

4-073  Impact of vitamin C, hydrocortisone, and thiamine on mortality in critically ill patients with severe sepsis and septic shock, Daniela Fernandez, Lawrence Davila, Lynne Krop

4-074  Retrospective analysis of baseline potassium with succinylcholine administration at an academic medical center, Morganne Haer, Robert Plambeck, Megan Dethlefsen, Lee Marrow, Mark Malesker

4-075  Assessment and evaluation of hypertension treatment in acute ischemic stroke, Lara Haidar, Hiba Al-Harfany, Farah El Husseini, Nathalie Lahoud, Diana Malaeb

4-076  Assessment of compliance with safety monitoring parameters of propofol in mechanically ventilated critically ill patients at a tertiary-care teaching hospital, Audra Hannun, Rony Zeenny, Ulfat Usta, Petra Khoury
Professional Posters by Category

Drug Information/Drug Use Evaluation

4-077  Hypnotics utilization in the management of primary insomnia in a tertiary care hospital in Jazan, Saudi Arabia, Mohammed Abutaleb, Ali Dobia

4-078  Adverse drug reaction (ADR’s) detection through trigger drugs”: an approach for medication safety in Al-Khor Hospital (part of Hamad Medical Corporation –Qatar), Kawther Alsayed, Sherif Attia, Azza Elmusharaf, Ahmed Ragab, ElHareeth Yousif

4-079  Cancer incidence among insulin users with human insulin and insulin analogues, a cohort study using the national health insurance research database in Taiwan, Mei-Yu Chen, Chian-Ying Chou, Yuh-Lih Chang

4-080  Statin use and risk of prostate cancer: a nationwide propensity-matched cohort study in Taiwan, Chian-Ying Chou, Yuh-Lih Chang, Yi-Fan Yang

4-081  Real-world effectiveness of Guselkumab in Taiwan, Yun-Chin Chung, Zhi-Yuan Wu, Hui-Yu Chen, Kai-Cheng Chang

4-082  Uptake rates, knowledge, and barriers to seasonal influenza vaccination among Lebanese healthcare workers: a cross-sectional study, Fatima Ezzeddine, Ghadir Hassan, Nathalie Lahoud, Hassan Zaraket, Malak Alame

4-083  Experience of use and safety of dimethyl fumarate in a tertiary level hospital, Noelia Fernandez, Victor Gimenéz Arufe, Carlos Corez Bartolome, Ana Lopez Real, Isabel Martin Herranz

4-084  Opioid Stewardship: hydromorphone drug use evaluation across 22 free standing emergency care centers, Melanie Flinn, Jacqueline Pitts, Phuong Huynh

4-085  Identification of trends in opioid prescribing in an ambulatory 330 center, Claudia Guisao Cruz, Nasla Duran Negron, Stephanie Pagan Rodriguez, Sara Rios Nunez, Iadelisse Cruz Gonzalez

4-086  Assessment of ceftaroline use at a tertiary-care teaching hospital, Audra Hannun, Rony Zeenny, Ulfat Usta, Petra Khoury

4-087  A survey of methods and sources healthcare providers use for medical information, Evelyn Hermes-DeSantis, Roma Bhavsar, Robert Hunter, Jung Lee, Marie-Ange Noue

4-088  Comparative study of amlodipine besylate (Amlor®) with other generics in the Lebanese market: an analytical approach, Fadi Hodeib, Ali Kanj

4-089  Attitude and satisfaction of Lebanese mothers towards the pharmacist’s counseling on proper usage and administration of antibiotics suspensions for pediatric usage, Fadi Hodeib, Mohammad Assi, Rim Harb, Roba Koubeissy

4-090  Assessment of online open-access resources for drug-drug interaction identification and management, Rebecca Hoover, Jeeseon Kim
Comparing clinical characteristics and outcomes of dipeptidyl peptidase-4 inhibitors and metformin in treatment of naïve type 2 diabetes in an academic teaching hospital in Japan, Makiko Iwasawa, Takeshi Horii, Sayaka Kashiwagi, Koichiro Atsuda

Trend of intravenous magnesium sulfate (IV MgSO4) consumption in a Lebanese hospital: a retrospective medical chart review, Jinan Kheireddine, Salwa El.Khoury, Etwal Bou Raad, Nathalie Lahoud

Pharmacist’s role in management of home health patients admitted to the hospital, Janay Bailey, Rani Madduri, Ashmi Philips, Navin Philips, Beata Wrobel

Knowledge and awareness of Lebanese elderly on OTC NSAIDs adverse events, Fadi Hodeib, Mohammad Assi, Rim Harb, Roba koubeissy, Diana Malaeb

Attitude and satisfaction of Lebanese elderly patients towards the pharmacist’s counseling on OTC NSAIDs, Fadi Hodeib, Mohammad Assi, Rim Harb, Roba Koubieissy, Diana Malaeb

Hip-fractures among elderly – lack of concordance between the patient’s medication list and the presence of drugs in the blood at the time of fracture, Marwa Shabo, Margareta Reis, Torsten Johansson, Ylva Bottiger

Evaluating outcomes of extended versus intermittent infusion of antipseudomonal beta-lactams for treatment of critically ill patients with respiratory infection: a systematic review and meta-analysis, Laila Aboulatta, Hideki Sugita, Hitomi Wakabayashi, Hisashi Noma, Tadanori Sasaki

Impact of targeted prescriber education and metrics on antibiotic utilization, Brandi Acevedo, Katherine Shea, Jessica Sun, Steve Lundquist, David Choi

Implementation of an interprofessional approach to minimize the usage of inappropriate broad-spectrum gram-positive antimicrobials in respiratory infections in patients covered by adult medicine rounding teams, Katherine Adams, Katie Lachman

Evaluation of pharmacist interventions on antimicrobial use: a multicenter, tertiary, teaching hospital-based study, Young-Mi Ah, Yewon Suh, Jee-Eun Chung, Eunsook Lee, Ju-yeun Lee

Awareness of recommended vaccinations and vaccine preventable diseases among Lebanese adult population, 2019, Batoul Ballout, Ghida Hamze, Marwan Akel, Lama Faddoul

Clinical outcomes of empirical use of piperacillin/tazobactam versus meropenem in adult patients admitted to the intensive care unit with sepsis, Asma Bin Ishaq, Hassib Narchi, Tasnim Dawoud
<table>
<thead>
<tr>
<th>Poster Number</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-103</td>
<td>Medication use evaluation and pharmacist intervention impact on Polymyxin B dosing for multidrug resistant gram-negative bacteria in a secondary care hospital</td>
<td>Zaritza Cajigas, Nancy Morales-Berrios</td>
</tr>
<tr>
<td>4-104</td>
<td>Knowledge of community pharmacists about antibiotics, and their perceptions and practices regarding antimicrobial stewardship: a cross-sectional study in Lebanon</td>
<td>Aya Chahrour, Mohammad Fneish, Fouad Sakr, Nathalie Lahoud, Mariam Dabbous</td>
</tr>
<tr>
<td>4-105</td>
<td>Improving penicillin allergy documentation and its effect on antibiotic prescribing at a community hospital</td>
<td>Rita Chamoun, Olga Bendyk, Radhan Gopalani, Amy Montes, Thomas Wolfel</td>
</tr>
<tr>
<td>4-106</td>
<td>Implementation of a pharmacist driven therapeutic interchange of levofloxacin: 2 years later</td>
<td>Gary Chan, Kevin Tapia, Justin Louie, Tracey Okabe-Yamamura</td>
</tr>
<tr>
<td>4-107</td>
<td>Nephrotoxicity associated with intravenous vancomycin and extended-infusion piperacillin/tazobactam</td>
<td>Andy Chang, Ashmi Philips, Rani Madduri, Michael Casias, Mini Varghese</td>
</tr>
<tr>
<td>4-108</td>
<td>Developing and revising guidelines to improve antimicrobial prophylaxis in surgery</td>
<td>Ha Jin Chun, Jeong Yong Park, Young Hee Lee</td>
</tr>
<tr>
<td>4-109</td>
<td>Impact of modifying prescriber Clostridioides difficile (C. difficile) test ordering practices on C. difficile infection rates</td>
<td>Marsha Crader, Kasey Holder, Debbi Ledbetter, Sarah Lowtharp</td>
</tr>
<tr>
<td>4-110</td>
<td>Fighting resistance needs your assistance: teaching pharmacists how to apply antimicrobial stewardship principles in primary care and community practice</td>
<td>Shelita Dattani</td>
</tr>
<tr>
<td>4-111</td>
<td>Impact of reflex fosfomycin E-testing on the utilization of carbapenems for definitive extended spectrum beta-lactamase Escherichia coli urinary tract infection treatment</td>
<td>Kevin Deemer, Jonathan Grey, Christopher Fronczek, Kerry Marr</td>
</tr>
<tr>
<td>4-112</td>
<td>Impact of an ertapenem restriction program in a community hospital</td>
<td>Julie Downen, Susan Samet, Sarah Wagner</td>
</tr>
<tr>
<td>4-113</td>
<td>Development and interim analysis of a cystic fibrosis-specific antibiogram</td>
<td>E. Claire Elson, Megan Gripka, Ellen Meier, Christopher Oermann, Doug Swanson</td>
</tr>
<tr>
<td>4-114</td>
<td>Enterobacteriaceae bloodstream infections and comparative efficacy of oral step-down antimicrobial therapy</td>
<td>Spencer Evans, Jennifer Anthone, Christopher Destache, Renuga Vivekanandhan</td>
</tr>
<tr>
<td>4-115</td>
<td>Pharmacist roll in detection, control and prevention of arboviruses</td>
<td>Christina Fernandez-Barrantes</td>
</tr>
</tbody>
</table>
### Professional Posters by Category

<table>
<thead>
<tr>
<th>Poster No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-116</td>
<td>Assessment of the pharmacodynamic profile of a novel β-lactam-β-lactamase combination, cefepime-enmetazobactam (formerly AAI-101), in comparison with piperacillin-tazobactam against several Gram-negative pathogens</td>
<td>Amelia Furbish, Roger White</td>
</tr>
<tr>
<td>4-117</td>
<td>Appropriateness of empiric antibiotics for Pseudomonas aeruginosa bacteremia</td>
<td>Nathan Gartland, Brandon Smith, Ricardo Arbulu</td>
</tr>
<tr>
<td>4-118</td>
<td>Implementation of penicillin allergy testing in a community hospital as an antimicrobial stewardship intervention</td>
<td>Heather Gibson, Andrew Kessell, Jayne Lee</td>
</tr>
<tr>
<td>4-119</td>
<td>Analysis of vancomycin loading doses before and after order set implementation in a community teaching hospital</td>
<td>Olga Ginsberg, Andrew Aziz, Borislav Stoev</td>
</tr>
<tr>
<td>4-120</td>
<td>Exploring strategies to incentivize students to receive their annual influenza vaccination</td>
<td>Kelsey Habighorst, Thien Lee, Lisa Cillessen, Heather Taylor, Paul Gubbins</td>
</tr>
<tr>
<td>4-121</td>
<td>Design and synthesis of novel oxadiazole-based antmycobacterial agents</td>
<td>Morgan Harris, Wei Li, Mary Jackson, E. Jeffrey North</td>
</tr>
<tr>
<td>4-122</td>
<td>Evaluation of health sources &amp; resources administration (HSRA) visit criteria and its impact on viral load suppression in HIV-infected patients at a University-Based HIV Clinic</td>
<td>Qingfeng He, Moses New-Aaron, Sara Bares, Nada Fadul, Joshua Havens</td>
</tr>
<tr>
<td>4-123</td>
<td>Vancomycin stewardship pilot using methicillin-resistant Staphylococcus aureus (MRSA) nasal screening among patients with pneumonia</td>
<td>Cindy (Mei Xian) Hsieh, Helen Lee</td>
</tr>
<tr>
<td>4-124</td>
<td>Successful treatment of mycobacterium tuberculosis and carbapenem-resistant klebsiella pneumonieae infection in a post kidney transplant patient</td>
<td>Xuelian Hu, Rong Zhang, Peng Gu, Menglin Luo, Fei Ye</td>
</tr>
</tbody>
</table>

### Investigational Drugs

<table>
<thead>
<tr>
<th>Poster No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-125</td>
<td>Nintedanib reduced the decline in forced vital capacity across subgroups of patients with systemic sclerosis-associated interstitial lung disease: data from the SENSCIS trial</td>
<td>Oliver Distler, Kristin Highland, Martina Gahlemann, Arata Azuma, Toby Maher</td>
</tr>
<tr>
<td>4-126</td>
<td>Safety profile of nintedanib in patients with systemic sclerosis-associated interstitial lung disease and idiopathic pulmonary fibrosis</td>
<td>Kristin Highland, Oliver Distler, Martina Gahlemann, Arata Azuma, Toby Maher</td>
</tr>
<tr>
<td>4-127</td>
<td>Investigation of the potential anti-inflammatory and analgesic activities of some chemical products</td>
<td>Fadi Hodeib, Hanan Ragab</td>
</tr>
<tr>
<td>4-128</td>
<td>Investigational drug service – challenges and opportunities to workflow processes following a change in location</td>
<td>Elyse MacDonald, Michelle Hillman, Winter Redd, Brittney Scharman, Malinda Suttlemyer</td>
</tr>
</tbody>
</table>
Implementation of a clinical research pharmacy team at Pfizer to optimize the investigational product handling experience for healthcare providers and patients, Damen Man, Fae Wooding, Stephen Kay, Michael Ku

Analysis of pharmacist’s work on investigational product management, Minhye Park, Seonyoung Chung, Jeongmee Kim

Burnout response among U.S. hospital pharmacy directors and departments, Matt Bilhimer, Nicole Acquisto, Patrick Bridgeman, Liz Rozcyki, Giles Slocum

Emotional intelligence of pharmacists in the United States and in Japan, Mai Yokota, Theresa Hoang, Janice Hoffman, Quang Le

Treatment of B-cell acute lymphoblastic leukemia induced veno-occlusive disease with Intravenous and oral N-acetyl cysteine in a six year old girl, Helena Ayoub, Fatima Ismail, Dima Abla, Ulfat Usta, Samar Muwakkit

CheckMate 817: first-line nivolumab + ipilimumab in patients with ECOG performance status (PS) 2 and other special populations with advanced non-small cell lung cancer (NSCLC), Fabrice Barlesi, Luis Paz-Ares

Impact of non-polyethylene lined infusion tubing on leaching and sorption with chemotherapeutic agents, John Beard, Seth Eisenberg, Arun Singh

Implementation of a dose optimization strategy for biological and cytotoxic substances at a rural ambulatory infusion center, Bradley Cagle, Katy Wright

The use of proteomics in establishing the potential use of statins in breast cancer prevention, Macy England, Amy Ham, Edgar Diaz Cruz, Hayley Baker

The cost of adverse events for FDA-approved/NCCN category 1 treatments for medicare fee-for-service patients with metastatic pancreatic cancer, Jared Hirsch, Gabriela Dieguez, Paul Cockrum

Symptom tracking in oncology patients: leveraging intervention through education (STOPLITE), Erin Hoag

Decreasing intravenous acetaminophen administration to surgical patients undergoing tonsillectomy, adenoidectomy and tympanostomy tube placement in the operating room, Katherine Klockau, Maria Ingrum, Melissa Brooks Peterson
Professional Posters by Category

Pain Management/Palliative Care

4-141  Impact of liposomal bupivacaine on opioid utilization, pain management, and length of stay in patients receiving total knee arthroplasty, Irvin Alfonso, Rinita Acevedo, Agostina Eberstein, Haq Furqan, Nguyen Tadesa

4-142  Impact on the use of Pharmacy compounded joint cocktail vs liposomal bupivacaine vs baseline on pain and length of stay for total knee arthroplasty, Irvin Alfonso, Donald Bogar, Agostina Eberstein, Steve Geisler, Alan Valadie

4-143  Opioid-free postoperative recovery in patients undergoing herniorrhaphy with HTX-011 as the foundation of a scheduled non-opioid, multimodal analgesic regimen, Jackie Evans-Shields, Eugene Viscusi, Harold Minkowitz, Peter Winkle, Neil Singla

4-144  HTX-011 as the foundation of a non-opioid, multimodal analgesic regimen reduces the need for opioids following herniorrhaphy in a real-world study, John Fanikos, Harold Minkowitz, Michael Reinhorn, Barry Quart

4-145  Pharmacists and health personnel attitudes and beliefs of dispensing naloxone either with a prescription or via a physician-approved protocol in Ohio, Gabrielle Fish, Kathryn Fetters, Pamela Heaton, Ana Hincapie, Neil MacKinnon

4-146  Palonosetron alleviates multiple-day chemotherapy-induced nausea and vomiting, Hirofumi Hamano, Chisato Mitsuhashi, Yoshito Zamami, Mitsuhiro Goda, Keisuke Ishizawa

4-147  Opioid-free postoperative recovery in patients undergoing bunionectomy with HTX-011, an extended-release local anesthetic, Jia Hu, Richard Pollak, Jackie Evans-Shields, Gwo-Chin Lee

4-148  Impact of pain stewardship and palliative care programs on reducing opioid utilization and improving management of pain at a suburban community hospital, Eugene Kolomiyets, Ihab Ibrahim, Howard Sussman

Pharmacokinetics

4-149  In vitro assessment of known CES1 inhibitors on CES1 activity and heroin metabolism, Tara Gilliland, Yuli Qian, John Markowitz

4-150  Population pharmacokinetics and renal toxicity of cisplatin for cancer patients with renal dysfunction, Tomoko Morita, Hiroki Sugita, Kazuhiko Hanada

Pharmacy Law/Regulatory/Accreditation

4-151  Accreditation of an international pharmacy residency program: Qatar’s experience, Rasha Al Anany, Moza Al Hail, Wessam El Kassem, Sara Ahmed

4-152  Student pharmacist involvement on the legislative team for the state pharmacy association to expand access to tobacco cessation products, Elena Beauregard, Anita Jacobson
Professional Posters by Category

4-153 Implementation of United States Pharmacopeia (USP) 797 and 800 compliant sterile compounding pharmacies at a large multihospital health system, Bridget Gegorski, Shawn Osborne

4-154 Alaska's pathway to pharmacist medical provider status: are statutes and regulations already in place, Renee Robinson, Michael Biddle, Andrew Hibbard, Elaine Nguyen Thomas Wadsworth

4-155 Technology-check-technician: our journey in Massachusetts, Erin Taylor, Caryn Belisle, Aaron Michelucci

Pharmacy Technicians: Competencies/Development/Other

4-156 Impact of a pharmacy-driven admission medication history service at a rural community teaching hospital, L. Megan Brown, T. David Marr

4-157 Expanding pharmacy's presence: adding pharmacy technicians to take over medication handling and procurement in ambulatory surgery centers in a health system, Matthew Effron

4-158 Cleanroom gemba safety walk: promoting a sanitary environment for compounding, Kathleen Forbis, Clinton Meachum

4-159 Controlled substance audit and compliance specialist technician: career growth for the pharmacy technician, Sadie Hammond

4-160 Pharmacy technician driven medication reconciliation program – a solution to California SB 1254, Nazanin Parsafar, Doris Manford, Lisa Binsin, Mee Moua, Angelica Sanchez

4-161 It's Dynamite: a single hospital pharmacy's experience with a certified pharmacy technician training new technician (CPT-TNT) program, Anthony Zelinsky, Abbe Collins, Eric Balotin, Rob Seabury, Bruce Stalder

Precepting/Preceptor Skills/Education and Training

4-162 Innovative education for health professional students addressing mental health stigma, Jill Boone, Kelly Lyle, Ruth Anne Van Loon, Gideon Labiner

4-163 Impact of peer-to-peer teaching on medical student knowledge, confidence, attitudes in medication adherence, Emily Chan, Jimmy Huang, Diana Nguyen, Shadi Doroudgar, Eric Ip

4-164 Assessment of prevalence and severity of depression symptoms in fourth year pharmacy students, Jill Comeau, Savannah Parker, Amanda Bridges, Tibb Jacobs

4-165 Effect of a student-led interprofessional clinical reasoning case studies group and competition on student perception of interprofessional education, John Guggenberger, Kim Beran, Joy Doll, Anna Maio, Anne Schoening
4-166  Evaluating return on investment for a medical information rotation for pharmacy students, Chris Gutteridge, Priya Patel, Mary Sendi, Michael Rocco, Stacey Follman

4-167  Evaluate the effectiveness of pharmacist-led anti-drug educational programs developed by quality control circle (QCC), Jui-Min Hu, Tsung-Han Wu, Chi-Ting Tseng, Kai-Hsiang Yang

4-168  Climbing the pyramid of teaching: how to create and implement a preceptor development program, Catherine Korte, Christiana Padilla, Emily Doerfler, Andrew Smith, Michael Huke

4-169  Development and implementation of a health-system pharmacy intern certificate program in a tertiary medical center to inspire and influence pursuit of pharmacy advancement, Maari Loy, Carlina Grindeland

4-170  PharmD pharmaceutical industry advanced pharmacy practice experience in medical information, Manahil Malik, Chris Gutteridge, Annamaria D’Ascoli, Lesley Corkum, Stacey Follman

Professionalism and Career Development

4-171  Evaluation of patient counseling and communication skills among pharmacists in Qatar, Eman Alhmoud, Rasha El Anany, Sara Mahmoud, Bridget Javed

4-172  Advancing person-centered care: equipping pharmacists with knowledge to engage patients in cost of care conversations, Nicole Braccio, Dominique Ngo, Kathleen Gallagher, Pat Jolley

4-173  The value of completing a biopharmaceutical fellowship, Amee Mistry, Shrinal Patel, Stephanie Yin

4-174  Identifying predictor variables for burnout among pharmacy students, Jennifer Phillips, Ani Bekelian, Michael Billett, Annette Hays, Amy Stein

4-175  Pfizer post-doctoral industry fellowship program: a commitment to pharmacist talent development and retention, George Samman, Yazdi Pithavala, Stacey Follman, Christine Gutteridge, Fae Wooding

4-176  Impact of time allocation on attainment of an initial interview for postgraduate training programs in two graduating classes of P4 pharmacy students, David Schnee, Stefanos Torkos, Harleigh Becotte, Khushbu Patel, Erika Getzik

4-177  Pharmacists’ knowledge of the use of anticholinergic medications in the elderly: survey of community pharmacists, Poh Leng Tan, Wing Lam Chung, Lay Khee Tan

4-178  Pharmacy student attitudes towards substance use and substance users: the changing trend in marijuana use permissiveness from 2015 to 2018, Wenola Tauro, Emily Cramer, Jilla Sabeti
Professional Posters by Category

**Psychiatry/Neurology**

4-180 | **Naltrexone for the treatment of psychogenic polydipsia**, Stephen Dolley, Anna Morin, Jennifer Trodella

4-181 | **Reintroduction of clozapine in a patient with chronic eosinophilic pneumonia**, Brianna Englett, Tiffany Gordon, Kelly Holladay

4-182 | **Community pharmacy walks: an innovative way to provide medication education**, Aman Hansra

4-183 | **Misuse of prescription stimulants and prevalence of Internet Gaming Disorder (IGD) among adult video gamers**, Eric Ip, Emil Paul Urbano, Joshua Caballero, Wayne Lau, Mitchell Barnett

4-184 | **Cognitive enhancing drug use, lifestyle, and stress among five United States doctor of pharmacy programs**, Eric Ip, Runa Akahoshi, Samantha Antonio, Vista Khosraviani, Mitchell Barnett

**Small and/or Rural Practice**

4-185 | **Implementing a pre-transition of care service line through pharmacy advocacy in the community to help promote public awareness, resident learning opportunities, and preceptor development**, Patrick Divoky, Dawn Damante

4-186 | **Study of the application of Japan “okigusuri” system for regional care**, Takeshi Onodera, Makoto Matuura, Kiyoaki Miura, Shunsuke Toyoda

**Women’s Health**

4-187 | **Integrated pharmacy automation management reduced formula usage and improved exclusive breast-feeding rates in a Baby Friendly community hospital**, David Dirig, Leonid Sokolskiy, Maria Itani, Tammy Turner, Tracey Ybarra

4-188 | **Antimicrobial utilization at the largest tertiary care obstetric hospital in Qatar: application of point prevalence and defined daily doses (DDD) methodology**, Binny Thomas, Moza AlHail, Pallivalapilla Abdulrouf, Wessam Elkassem, Hussam Alsoub
Professional Posters by Category

Professional Posters

Categories: Administrative Practice/Financial Management/Human Resources, Ambulatory Care, Clinical Services Management, Clinical Topics/Therapeutics, Critical Care, Drug Information/Drug Use Evaluation, Emergency Medicine, Emergency Preparedness, Infectious Disease/HIV, Informatics/Technology/Automation, IV Therapy/Infusion Devices, Oncology/Hematology, Pain Management/Palliative Care, Pediatrics, Precepting/Preceptor Skills/Education and Training, Psychiatry/Neurology, Safety/Quality, Transplant/Immunology

Tuesday, December 10

Administrative Practice/Financial Management/Human Resources

8-001 Developing a process to integrate and consolidate pharmacy policies across a health system, Jason Milner

8-002 Development of a comprehensive value assessment framework at an academic medical center, Sapna Prasad, Sagune Sakya, Molly Leber

8-003 Leveraging pharmacoeconomics in formulary management: cost-effectiveness analysis of betrixaban, Sapna Prasad, Molly Leber, Sagune Sakya

8-004 Implementation of hypercalcemia of malignancy guidelines to reduce treatment associated costs, Loretta Slone, Susan Samet

8-005 Engagement of front line staff to develop a sustainable staffing strategy to manage unplanned absences due to employee call outs, Erin Taylor, Sean Illig, Hannah Spinner, Adam Pesaturo, Kori Zukowski

8-006 Setting the goal: assuring high quality pharmacy practice across a health system, Robert Warhurst, Dawn Moore, Adam Boon

8-007 Development of a single, automated hazardous drug risk assessment tool within an integrated delivery network, Heather Weese, Michael Farrell

Clinical Services Management


8-009 Anticoagulation management in care transitions after hospital initiation of warfarin: a pharmacy driven initiative, Eman Alhmoud, Osama Abd el Samad, Sara Ahmed, Amr Fahmi, Rasha El Anany

8-010 Utilizing nominal group technique for planning and implementing professional development program for clinical pharmacists in Qatar, Eman Alhmoud, Sara Mahmoud, Raja Barazi, Rasha El Anany
8-011 The implementation of an antimicrobial stewardship program managed by an infectious disease physician and pharmacists in a community hospital, Jeanne Brady, Mahendra Poudel

8-012 The transition from traditional pharmacy to E-pharmacy: strategies and challenges to promote the quality of pharmacy services, Huey-Ling Chang

8-013 Impact of a volunteer-based clinical pharmacy internship program at an academic medical center, Megan Corsi, Joelle Farano, Bryan McCarthy

8-014 Impact of a bedside medication delivery program, (‘Meds to Beds’), in reducing 30 Day re admissions for congestive heart failure, and acute myocardial infarction, Barbara Greenberg-Schwartz, Sandra Richardson

8-015 An initial survey on research pharmacy clinical services, Amber Johnson

8-016 Hyperkalemia and confounding medication use in a real-world analysis of a large integrated health system, Jennifer Kammerer, Heidi May, J. Brent Muhlestein, Jeffrey Anderson, T. Bair

8-017 The benefits of pharmacist-led counseling program for diabetes patients, Minjung Kim

8-018 Pharmacy directed multidisciplinary management of anemia and bone mineral disorder (BMD) in patients with end stage renal disease (ESRD), Sheldon Lefkowitz, Mei Kung, Michael Lotfi, Renata Masimova, Annesha White

8-019 Quality assessment and cost saving of renal dosing recommendation by clinical pharmacists at a tertiary-care hospital in Thailand, Sayamon Sukkha, Surakit Nathisuwan, Usa Chaikledkaew, Wipharak Rattanavipanon, Junporn Kongwatcharapong

Clinical Topics/Therapeutics

8-020 Management of pickwickian syndrome in obese patients, Pritesh Kalola, Amy Li, Simon Tarpav

8-021 Nursing perspective on intranasal verses intramuscular naloxone usage in the inpatient setting, Jayne Lepage, Joseph Sawicki

8-022 A case of diffuse calciphylaxis, Becky Linn, Alyssa Steine, Menglan Wang

8-023 Impact of an intravenous to oral corticosteroid conversion program in patients with chronic obstructive pulmonary disease, Holly Lowe, Don Branan, James Nicholson, Heath Ford, Dustin Spencer

8-024 Pruritus outcomes with crisaborole by baseline atopic dermatitis severity, Daniela Myers, Gil Yosipovitch, Chuanbo Zang, Bonnie Vlahos, Linda Stein Gold

8-025 Impact of the implementation of a pharmacist-driven chronic obstructive pulmonary disease exacerbation orderset in the inpatient setting, Sarah Petite, Julie Murphy
8-026  Impact of a pharmacist-driven transitions of care program on hospitalized patients with chronic obstructive pulmonary disease exacerbation, Sarah Petite, Julie Murphy

8-027  Transfer between dipeptidyl peptidase-4 (DPP-4) inhibitors is effective in type-2 diabetes mellitus patients, Yuta Suzuki, Akihiro Tanaka, Noriaki Hidaka, Mamoru Tanaka

8-028  Impact of serial blood glucose monitoring and treatment in patients with corticosteroid-induced hyperglycemia in the inpatient setting, Monica Tadros, Heidi Clarke, Radhan Gopalani, Stephanie Palma, Moe Shwin

8-029  Analysis of risk factors of vascular pain caused by dacarbazine injection, Yusuke Tanaka, Junko Tsukamoto, Masahito Yasuda, Osamu Ishikawa, Koujiro Yamamoto

8-030  Impact of implementing an intravenous (IV) levothyroxine dosing protocol during a drug shortage, Jennifer Van Cura, Dustin Spencer, Leonard Valdez, Susan Samet, Steve Lundquist

8-031  Comparison of probiotic regimen of bifidobacterium, lactobacillus, and streptococcus to saccharomyces boulardii in the prevention of antibiotic-associated diarrhea and associated healthcare costs, Nardine-Mary Yassa, Alicia Courtney, Jay DeLisle, Regina Scott, Ryan Titus

Critical Care

8-032  Evaluation the use of antiepileptic drugs for seizure prophylaxis after traumatic brain injuries, Yi-yun Lee, I-Chen Liao, Gan-Hong Lin

8-033  Evaluation of extracorporeal membrane oxygenation (ECMO) survival rates at a community hospital, Daniel Padgett, Shelby Gaudet, Jon Neyman

8-034  Albumin use evaluation in a tertiary care hospital in United Arab Emirates, Sheilla Rashid

8-035  Medication reconciliation within the intensive care unit (ICU): pharmacist involvement at every turn, April Seitler, Jordan DeWitt, Jessica Kynyk

8-036  Retrospective analysis of intravenous calcium administration at an academic medical center, Lauren Shitanishi, Robert Plambeck, Megan Dethlefsen, Lee Morrow, Mark Malesker

8-037  Outcomes of implementation of the ABCDEF bundle in a neurological critical care unit, Ting-Ting Wu, Man-Tzu Wu, Yu-Hsueh Wu

Drug Information/Drug Use Evaluation

8-038  Treatment of thrombocytopenia with avatrombopag prior to elective procedures; single center real world experience, Susan Lee, Martina Selwaness

8-039  Safety study of cefazolin sodium pentahydrate for injection clinical application, Jin Li, Meijun Li, Zhanao Yang, Weiwei Zhang, Ning Chen
Professional Posters by Category

8-040 Patients’ willingness to pay for pharmacy services: a cross-sectional study in a foreign investment private hospital in Guangzhou, Jin Li, Congwei Chen, Jie Chen, Junjie Li

8-041 Safety study of Ulinastatin for injection clinical application, Jin Li, Ling Chen, Mingjuan Hua, Meijun Li

8-042 Drug use evaluation of the polypharmacy of long-acting injectable antipsychotics at Saint Elizabeths Hospital, Leatrice Martin-Stebbins, Helena (Hyun) Lee, Qutina Lewis, Ali Dalili, James Park

8-043 Evaluating the use of an oral vitamin K antagonist in a county health system and assessing the appropriate shift to direct acting oral anticoagulants, Jacqueline Milton-Brown, Erika Bergeron, Andrea Henry

8-044 Development of a medical information (MI) team to support a large injectable product portfolio, Prachi Parmar, Sukhdip Toor

8-045 Evaluation of the reading level of commonly used drug information tertiary references, Emily Perez, Kelly Covert, Paul Lewis

8-046 Estimating renal function for drug dosing: equations matter, Maria Rei, Laura Fernandes, Catia pereira, Rui Rodrigues, Rita Vilaverde

8-047 Knowledge, attitude and practice of generic drug substitution by Lebanese community pharmacists, Joanna Rizkallah, Mariam Dabbous, Nathalie Lahoud, Fouad Sakr

8-048 Retrospective evaluation of the appropriateness of use of ceftolozane/tazobactam at a tertiary-care teaching hospital, Cynthia Sadaka, Rony Zeenny, Ulfat Usta, Petra Khoury

8-049 Retrospective evaluation and risk factors of trastuzumab related adverse cardiac events, Chunhui Wang, Jing Li, Wei Wu, Xiaoyu Li, Qianzhou Lv

8-050 Benchmarks, baselines, and brass tacks: using data to change physician prescribing practices, Heather Warhurst, Adam Boon, Gina Bazemore, Dawn Moore

8-051 Evaluation of intravenous vitamin K 10mg versus other doses and routes in the treatment of coagulopathy in cirrhosis patients, Nada Zaki, Maria Cardinale

8-052 Knowledge and awareness of use and safety of isotretinoin among Lebanese patients in community setting: a cross-sectional study, Ghena Zorkot, Seham Kanaan, Nathalie Lahoud

Emergency Medicine

8-053 Thrombotic events and reanticoagulation in major bleeding patients treated with andexanet alfa: an ANNEXA-4 sub-analysis, Arthur Allen, Truman Milling, Elena Zotova, Patrick Yue, Stuart Connolly

8-054 Hemostatic efficacy and anti-factor Xa reversal with andexanet alfa in spontaneous intracranial hemorrhage, Joshua Goldstein, Andrew Demchuk, Juliet Nakamya, Patrick Yue, Stuart Connolly
8-055 Contribution of coagulation factors in prothrombin complex concentrates to tissue factor–initiated thrombin generation in normal and factor Xa inhibitor–anticoagulated plasma, Gemin Lu, Joyce Lin, Khanh Bui, John Curnutte, Pamela Conley

8-056 Implementation of antimicrobial stewardship project in emergency department, Sara Mahmoud, Adham Mohamed, Riyas Mohamed, Rana El Sayed

8-057 Use of andexanet alfa for intracranial hemorrhage at a community hospital, Jaclyn Palummo, Viktoriya Fridman, Christopher Capo, Bradley Pulver, Tamir Tawfik

8-058 Implementation of a pharmacist-driven discharge culture review service for a remote site emergency department, Jenna Tjernlund, Jessica Tonder, Kimberly Levang, Luke Dandelet

Emergency Preparedness

8-059 Ensuring readiness for emergencies, Jennifer Brandt, Margaret Breakenridge, Anil Kishore

8-060 Managing occupational exposures across a health system with a multidisciplinary and standardized approach, Erin Taylor, Sean Illig, Peter Settevendemie, Khalilah Fullard, Brendan Crandall

Infectious Disease/HIV

8-061 A two-month pilot of an antimicrobial stewardship rotation at a university medical center in Lebanon, Wissam Kabbara

8-062 The effect of an indication-based default antimicrobial stop-date initiative on the duration of treatment for intra-abdominal infections, Jessica Lambert, Christopher Fronczek, Jonathan Grey, Kerry Marr

8-063 Impact of utilizing a once weekly non-infectious disease trained pharmacist on the implementation and execution of antimicrobial stewardship program at a small community hospital, Susan Lewis, Jennifer Richardson, Tanyanyiwa Chinyadza

8-064 Implementation of a multidisciplinary strategy to reduce meropenem utilization at a community hospital, Kevin Maeda, Richard Jajeh, Katherine Shea

8-065 Impact of clinical pharmacy implementation in surgical ward- Qatar, Sara Mahmoud, Ziad Ibdah, Falak Naeem, Ibrahim Al Nadhari, Osama Abdeljaleel

8-066 Impact of a pharmacy resident rotation on outpatient parenteral antimicrobial therapy (OPAT) prior to patient discharge, Monica Mahoney, Rachel Britt, Jeffrey Pearson, Christopher McCoy, Simi Padival

8-067 Ceftriaxone versus levofloxacin for the treatment of urinary infections in hospitalized adults, Cody Maldonado, Jeffrey Jansen, Riley Grubbs, Christopher Gilstrap
8-068  Lefamulin versus moxifloxacin for community-acquired bacterial pneumonia: by-region results of lefamulin evaluation against pneumonia (LEAP 1 and LEAP 2 double-blind noninferiority phase 3 clinical trials, David Mariano, Elizabeth Alexander, David Fitts, Christian Sandrock, Thomas File

8-069  Targeted education of evidence based usage guidelines to drive down inappropriate fluoroquinolone and ceftaroline prescribing, Kelly Mueller

8-070  Prohibition on the use of vancomycin in combination with piperacillin/tazobactam arrested a cluster of acute kidney injuries in a community hospital, Kelly Mueller

8-071  Impact of methicillin-resistant Staphylococcus aureus nasal screening on vancomycin utilization in respiratory diagnosis-related groups, James Nicholson, Katherine Shea, Donald Branam, Allie Torrence, Holly Lowe

8-072  Identification of risk factors for infections with multidrug-resistant organisms, Regine Padilla, Hee Jae Chung, Kyung Kim

8-073  Current evaluation of pilonidal abscess microbiology in the emergency department, Emily Pavich, Tanya Abi-Mansour

8-074  Trend and effectiveness of hepatitis C therapy with direct-acting antiviral agents (DAAs) in Taiwan, Chao-Chi Peng, Kai-Cheng Chang, Hui-Yu Chen, Zhi-Yuan Wu

8-075  Novel, effective and sustainable pharmacist practice model for antimicrobial stewardship, Pegah Pourgolafshan

8-076  Kansas antimicrobial stewardship initiative (ASI): a novel way to collect antimicrobial use and resistance data, Neil Ratcliff, Bryna Stacey, Bradley Killough, Robyn Regan

8-077  Assessment of colistin-associated nephrotoxicity at a tertiary-care teaching hospital: a retrospective study, Cynthia Sadaka, Rony Zeenny, Ulfat Usta, Petra Khoury

8-078  Superiority of clinical and economic outcomes with oritavancin versus comparators for treatment of acute bacterial skin and skin structure infections in a community hospital, Kimberly Saddler, Miguel Sierra-Hoffman, Jennifer Sul, Jason Zhang

8-079  Monte Carlo analysis of cefepime-zidebactam, ceftazidime-avibactam, and ceftolozane-tazobactam against carbapenem-resistant Enterobacteriaceae and assessment of susceptibility breakpoints, Madison Salam, Roger White

8-080  Point prevalence survey of health associated infections and antimicrobial use in a public health institution in Trinidad, Patricia Sealy, Shinelle Francois, George Legall

8-081  Identifying “low hanging fruit” antibiotic stewardship opportunities for pharmacists in small and critical access hospitals, Katherine Shea, Jennifer Van Cura

8-082  Pharmacist and provider education on beta-lactam allergies decreases aztreonam utilization in a community hospital, Krista Shepherd, Elizabeth Legros
The association of clinical pharmacists’ active participation in antimicrobial stewardship with the incidence of antimicrobial related adverse events in hospitalized patients: multicenter study, Yewon Suh, Young-Mi Ah, Jee-Eun Chung, Eunsook Lee, Ju-Yeun Lee

Advancing the pharmacist’s role in preventing healthcare facility-onset C. difficile, Carrie Tilton, Nicole Metzger, Mary Elizabeth Sexton, Chunhui Gu, Zhengjia (Nelson) Chen

Comparative Monte Carlo analysis of cefepime alone and in combination with VNRX-5133 against resistant Gram-negative pathogens, Meghan White, Roger White

Designing and implementing a CPR calculator to improve patient safety and enhance workflow efficiency, Mohammed Almeziny, Saleh Binobaid, Ip Fan

Development of electronic ordering process to ensure safe use of continuous subcutaneous insulin infusions in hospitalized patients, Megan Anderson-Tilbury, Anh Hoang, Sarah Odom, Glenda Sims, Vera Taylor

Impact of a computerized intravenous chemotherapy concentration calculation program, Eunyoung Choi, Siniae Park, Minhui Seo, Sooyeon Lee, Taewon Yoon

Evaluation of the impact of enhanced virtual forms and gamification on intervention identification in a pharmacist-led ambulatory care clinic, Courtney Gamston, Joshua Hollingsworth, Brent Fox, Sylvia Rogers, Kimberly Lloyd

Automated dispensing cabinet management as an efficiency and cost savings initiative, Paul Green, Laura Aylor, Elliot Marino, Victoria Nosowicz

Efficiency of drug management after the introduction of automated dispensing cabinets (ADCs), Dayeon Lee, Eunsook Bang, Younghee Lee

Review of current digital health products for cardiovascular monitoring, Yujin Lee, Puja Darji, Nikhil Sangave, Dhiren Patel

Optimizing clinical decision support tools through a targeted evaluation of drug-drug interaction alerts in the © 2015 Epic electronic health record (EHR), Joseph Martin, Harminder Sikand

Evaluation of stock outs after utilization of inventory optimization predictive analytics: multi-site retrospective data analysis, Ahmed Naguib, Serdar Ayar, John Folker, Aryana Sepassi

Collaboration of clinical informatics and information services to create pharmacist training curriculum for an electronic health record inpatient oncology module implementation, Alice Robbins, David Lennon, Beejal Ganti
8-096 Application of days-supply-on hand algorithm defines par levels to right-size pharmacy inventory in a community hospital pharmacy, Leonid Sokolskiy, David Dirig, Crystal Castaneda, Tam Ngo

8-097 The integration of IV robotics for compounding chemotherapy at a large academic medical center, Abbey Stackpole, Marta Stueve, Ju-Young Song, Eric Cabie, Howard Cohen

8-098 Implementation of the first automated dispensing cabinets at a tertiary academic medical center in Lebanon; challenges and compliance with the ISMP standards, Ulfat Usta

8-099 Effect of a smart pill lid on medication persistency, adherence, and pharmacist intervention for patients receiving ibrutinib therapy, Janelle Vircks, Kelly Matthews, Eric Sredzinski

8-100 Development and evaluation of an automated robotic system for preparing antineoplastic drugs, Hiroyuki Watanabe, Toshihiro Irisa, Toshikazu Tsuji, Nobuaki Egashira, Satohiro Masuda

IV Therapy/Infusion Devices

8-101 Time matters: assessing duration of time required for wireless updates to infusion pump drug library, Mohammed Al-Sukhni, Krista Shea

8-102 Unintended primary infusion from incomplete closure of administration set back-check valves at various head-height differentials and secondary flow rates, John Beard, Eric Flachbart, Jim Jacobson

8-103 Smart pump drug library compliance improvement over one year in a community hospital system, John Beard, Jaclyn Jeffries, Stacy Carson, Valerie King

8-104 Communication of alarms through smart pump alarm forwarding technology enables task and care prioritization while reducing clinical staff alarm fatigue, Doug Hum, John Beard, Stephanie Eisenhauer, Valerie King

8-105 Standardized approach to implementation of infusion pump interoperability, Tara Jellison, Rebecca Mahuren

8-106 Evaluation of key performance indicators between facilities with and without smart pump-electronic medical record (EMR) interoperability: a multisite retrospective data analysis, Ahmed Naguib, Idal Beer, Sneh Ringwala, Nicole Wilson

8-107 Model-predicted netupitant plasma concentrations following intravenous (IV) NEPA, fosnetupitant-palonosetron, administration: safety considerations for the administration timing of IV NEPA antiemetic prophylaxis, Timothy Tyler, Alberto Bernareggi
## Professional Posters by Category

### Oncology /Hematology

<table>
<thead>
<tr>
<th>Poster</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-108</td>
<td>Implementation of a chemotherapy compounding robot in a community ambulatory oncology infusion center and evaluation of its impact on turnaround time</td>
<td>Amanda Kage, Jessica Marshall, Lisa Opatik, Cecilee Billman, Jennifer Rohde</td>
</tr>
<tr>
<td>8-109</td>
<td>Real-world prevalence of potential drug-drug interactions involving oral antineoplastic agents in Korea: a population based study</td>
<td>Ju-Yeun Lee, Kwanghee Jun, Sung Hwan Kim, Woo Youn Kim, Yewon Suh</td>
</tr>
<tr>
<td>8-110</td>
<td>A retrospective review of an oxaliplatin desensitization protocol</td>
<td>Andrew Leung, Chung-shien Lee, Craig Devoe, Anna Levy, Samrah Ahmad</td>
</tr>
<tr>
<td>8-111</td>
<td>Why are we waiting? lead times for parenteral systemic anti-cancer therapy</td>
<td>Brid Ryan, jennifer Howell, Ciaran Meegan</td>
</tr>
<tr>
<td>8-112</td>
<td>Oxaliplatin induced thrombotic microangiopathy: a case report</td>
<td>Rhea Saad, Audra Hannun, Sally Temraz, Antoine Finianos, Rony Zeenny</td>
</tr>
<tr>
<td>8-113</td>
<td>Prevalence of polypharmacy and potentially inappropriate medication use in older patients with cancer: a population-based study</td>
<td>Yewon Suh, Young-Mi Ah, Kwanghee Jun, Woo Youn Kim, Ju-Yeun Lee</td>
</tr>
<tr>
<td>8-114</td>
<td>Safety of 90Y-ibritumomab tiuxetan treatment in Japanese patients in clinical practice</td>
<td>Hiroshi Yoshikawa, Hiroshi Sakurashita, Takanori Taogoshi, Hiroaki Matsuo</td>
</tr>
</tbody>
</table>

### Pain Management/Palliative Care

<table>
<thead>
<tr>
<th>Poster</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-115</td>
<td>Part-filled opioid prescriptions reduced opioids dispensed from community pharmacies after orthopedic surgery</td>
<td>Vivian Law, Sarah Ward, Bokman Chan, Shawna McIntyre, Elizabeth Logan</td>
</tr>
<tr>
<td>8-116</td>
<td>Effect of a 24-hour intravenous acetaminophen restriction on opioid consumption in post-operative patients</td>
<td>Kevin Maeda, Erin Doxtater, Bradley Mathis</td>
</tr>
<tr>
<td>8-117</td>
<td>Analysis of the clinical effectiveness of IV acetaminophen within Catholic Health initiatives</td>
<td>Henry Mattern, Karen McConnell, James Reichert</td>
</tr>
<tr>
<td>8-118</td>
<td>Examine the impact of intravenous acetaminophen on opioid use for postoperative cesarean section patients in a community hospital</td>
<td>Lorenzo Porras, Claudia Chang, Mercedes Frias, Yarelys Garcia</td>
</tr>
<tr>
<td>8-119</td>
<td>Implementation of a multimodal pain order set and use of therapeutic activity goal as an inpatient opioid reduction strategy: from pilot to national initiative</td>
<td>Kati Shell, Florian Daragjati, David Silver, Karen Smathers, Lynn Eschenbacher</td>
</tr>
<tr>
<td>8-120</td>
<td>Use of lidocaine for renal colic in a community hospital</td>
<td>Jean Stoerger</td>
</tr>
<tr>
<td>8-121</td>
<td>Pain range order analgesic protocol improves post-operative pain management in laparoscopic appendectomy patients</td>
<td>Tzong-Kwei Yau, Jin-Jin Mou</td>
</tr>
</tbody>
</table>
Pediatrics

8-122 Assessment of the knowledge and perception of probiotics use in acute infectious diarrhea in children among Lebanese pediatricians, Sara Abdel Samad, Aya Hashem Taleb, Nathalie Lahoud, Marwan Akel, Ahmad Dimassi

8-123 Knowledge and awareness of mothers regarding reconstitution, administration, and storage of antibiotic suspensions for pediatrics: a cross-sectional study in Lebanon, Fadi Hodeib, Mohammad Assi, Rim Harb, Roba Koubeissy, Diana Malaeb

8-124 Comparative analysis of acute bronchitis medicines application in pediatric outpatient between public and private hospitals, Jin Li, Jie Chen, Yun Dai, Tianheng Liang, Jianping Zhang

8-125 Assessing effects of neonatal hypoglycemia protocol change to oral glucose gel administration, Charity McGannon, Melissa Kunkel, Natalie Baird, Hillary Threatt

8-126 Assessment of outpatient palivizumab compliance rates after discharge following a pharmacist reminder call to primary care providers, Sukhraj Mudahar, Thomas Moran, Kenny Kronforst

8-127 Comparison of mean morphine milligram equivalents in pediatric patients undergoing appendectomy, external ventricular drain placement, and spinal fusion repair that received oral versus intravenous acetaminophen, Sukhraj Mudahar, Hehui Quan, Thomas Moran, Christine Stake, Renee Manworren

8-128 Parental knowledge and practice on fever and use of antipyretics: a cross-sectional study in Bekaa Valley, Lebanon, Sahar Nasser, Fardous Tohme, Mariam Dabbous, Nathalie Lahoud, Fouad Sakr

8-129 Successful implementation of an antibiotic stewardship program in the neonatal intensive care unit of a middle income country, Therese Saad, Faouzi Maalouf, Ramia Zakhour, Dina Itani, Khalid Yunis

8-130 Evaluation of pharmacist-driven discharge medication delivery and counseling in a pediatric hospital, Kreshnik Seiti, Victoria Lubarsky

8-131 Standardization of antifungal prophylaxis in pediatric patients with cancer, Paige Shapiro, Nicole Lubcke, Caroline Quinn

Precepting/Preceptor Skills/Education and Training

8-132 Using reflective accounts to identify the psychosocial effects of placebo-based medication adherence simulation, Uea Matala, David Wright, Judy Croot, Jane Charsley

8-133 Evaluating the effectiveness of using a web based video and audio conferencing cloud platform to conduct an interactive lecture remotely to pharmacy students in Japan, Makoto Matsuura, Shunsuke Toyoda, Daphnie Nguyen, Takeshi Onodera, Hiroshi Takahashi
<table>
<thead>
<tr>
<th>Poster</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-134</td>
<td>Simulated inter-professional clinical decision making during the pre-registration training year to enhance multi-professional working: a service evaluation, Roisin McMenamin, Mohamed Jawad Dungersi, Maria Christou, David Wright</td>
</tr>
<tr>
<td>8-135</td>
<td>Reaping the rewards of a health-system pharmacy observership program, Kathryn Pidcock, Allison Wilson, Michelle Murillo, Van-Anh Le, Thuy Doan</td>
</tr>
<tr>
<td>8-136</td>
<td>Using SBAR to improve clinical communication skills in fourth year pharmacy students, Savannah Posey, Jessica Brady, Cassie Crew</td>
</tr>
<tr>
<td>8-137</td>
<td>Prescription renewal request review as a learning tool for APPE ambulatory care pharmacy students, Jarred Prudencio, Michelle Kim</td>
</tr>
<tr>
<td>8-138</td>
<td>The role of a medical mission trip on student perceptions of interprofessional collaboration, Genene Salman, Christina Herbas, Corina van de Pol, Elvin Hernandez</td>
</tr>
<tr>
<td>8-139</td>
<td>Developing foundation residencies, Diane Sandulache</td>
</tr>
<tr>
<td>8-140</td>
<td>East of England pre-registration trainee pharmacist programme: an evaluation of online teaching modules, Hattie Whiteside, Rina Matala, David Wright</td>
</tr>
</tbody>
</table>

**Psychiatry/Neurology**

<table>
<thead>
<tr>
<th>Poster</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-141</td>
<td>Quality of life of Lebanese post-stroke patients, Rawan Kobeissi, Salwa Sandakli, Nathalie Lahoud, Sylvia Saade</td>
</tr>
<tr>
<td>8-142</td>
<td>The use of long-acting injectable (LAI) antipsychotics for maintenance treatment of schizophrenia, Qutina Lewis, Helena Lee, Leatrice Martin-Stebbins, Ali Dalili, James Park</td>
</tr>
<tr>
<td>8-143</td>
<td>Initiation of methadone maintenance treatment, Hien Luong, Anastasiya Plagova</td>
</tr>
<tr>
<td>8-144</td>
<td>Assessing the mental health wellness of pharmacy residents in a university-affiliated residency program, Roxanna Perez, Lisa Goldstone, William Gong</td>
</tr>
<tr>
<td>8-145</td>
<td>Exercising restraint in prescribing pharmacologic restraints, Kristen Webb, Dustin Spencer, Jennifer Van Cura, Rachael Lowery</td>
</tr>
<tr>
<td>8-146</td>
<td>Comparison of long-acting injectable antipsychotics in preventing 30-day hospital readmission in an acute care psychiatric hospital, Xiaojuan Yuan, Maria Arredondo</td>
</tr>
</tbody>
</table>

**Safety/Quality**

<table>
<thead>
<tr>
<th>Poster</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-147</td>
<td>Incidence, nature and causes of medication errors reported at the largest academic healthcare setting in Qatar: data from 13 hospitals, Moza Al Hail, Binny Thomas, Pallivalappila Abdulrouf, Wessam Elkassem, Derek Stewart</td>
</tr>
<tr>
<td>8-148</td>
<td>Comparison and evaluation of the improvement in decreasing dispensing errors at King Abdulaziz Medical City (KAMC) - Riyadh (2017 versus 2018) through safety reporting system, Saleh Al-Anazi, Khalil Almajed, Ameerah Alsaleh, Mohammed Alrufaiq, Ashjan Alghanem</td>
</tr>
<tr>
<td>8-149</td>
<td>Descriptive of pharmacists therapeutic intervention in King Abdulaziz Medical City (KAMC) and King Abdullah Specialized Children Hospital (KASCH) in Riyadh, Saudi Arabia, Tahani Alsufian, Haya Almufirj, Sara Almowalad, Maryam-altukhaim, Majed Nahari</td>
</tr>
<tr>
<td>8-150</td>
<td>Development of an environmental monitoring plan for hazardous drugs using a rapid point-of-care lateral flow technology to detect surface contamination in a community hospital, Katharine Cimmino, Joan Cheung</td>
</tr>
<tr>
<td>8-151</td>
<td>An evaluation of student pharmacist admission medication histories at a level 1 trauma, academic medical center, Bernadette Cornelison, Stephanie Campbell, Victoria Chang</td>
</tr>
<tr>
<td>8-152</td>
<td>Safety of intravenous push ertapenem compared to intravenous piggyback at a tertiary academic medical center, Michael Corrado, Kevin Anger, Kevin McLaughlin, Andrew Riselli, Paul Szumita</td>
</tr>
<tr>
<td>8-153</td>
<td>Compounding of an oral suspension of clonidine hydrochloride 20 µg/mL for neonatal patients using tablets and a self-contained wet-milling technology, Joe D'Silva, William Boyko, Edmund Elder, Michael Pugacz, Tina Marie Wise</td>
</tr>
<tr>
<td>8-154</td>
<td>Compounding of oral liquid formulas of two hazardous drugs, tacrolimus 1 mg/mL and hydroxyurea 100 mg/mL, using unopened capsules and a safe self-contained technology, Joe D'Silva, Jean-Marc Forest, Mihaela Friciu, Denis Lebel, Gregoire Leclair</td>
</tr>
<tr>
<td>8-155</td>
<td>Medication errors reported among home healthcare patients in Qatar, Wessam Elkassem, Pallivalappila Abdulrouf, Moza Al hail, Derek Stewart, Binny Thomas</td>
</tr>
<tr>
<td>8-156</td>
<td>Implementation of an automated naloxone co-prescribing program within a large rural health care network, Amanda Engle, Amanda RM Wins, Kevin Frevele</td>
</tr>
<tr>
<td>8-157</td>
<td>Can selective serotonin reuptake inhibitors make you bleed?, Laura Fernandes, Isabel Estudante, Andreia Duarte, Cláudia Santos</td>
</tr>
<tr>
<td>8-158</td>
<td>Assessment of perioperative vancomycin use in orthopedic surgical patients with a history of penicillin allergy: a retrospective review of penicillin skin testing, Sara Griesbach, Megan Fagan, Rana Nasser, Mary Sundby, Megan Wimmer</td>
</tr>
<tr>
<td>8-159</td>
<td>Driving safety and compliance through implementation of the infusion super panel, Ambra Hannah, Gina Gayed, Lucy Von Korff, Danielle Fraser, Trey Jenkins</td>
</tr>
<tr>
<td>8-160</td>
<td>Impact of a therapeutic interchange program on discharge medication reconciliation, Kimberly Joedicke</td>
</tr>
<tr>
<td>8-161</td>
<td>Parenteral nutrition standardization for adult patients at a large health system, Indrani Kar, Jodie Fink, Wes Bush, Madison Bluemel, Rachael Lerman</td>
</tr>
<tr>
<td>8-162</td>
<td>Adherence to a procalcitonin guided algorithm for antibiotic management in lower respiratory tract infections and sepsis, Farah Khan, Corinne Thornton, Kumar Lal, Alan Gross, Susan Bleasdale</td>
</tr>
</tbody>
</table>
8-163 Peri-operative redesign to increase patient access and medication safety: pharmacy driven telehealth medication reconciliation support, EunJi Ko, Maha Alharbi, Fatema Alrashed, Twilight Cofield, Kate Ulbricht

8-164 Medication-use evaluation regarding the current intravenous immunoglobulin (IVIG) administration practices within Michigan Medicine, Paul Ko, Bianca Campbell, Dylan Kakos, Abby Wilson, Melinda Cook

8-165 Comparative analysis of Lenalidomide versus Thalidomide in multiple myeloma; drug-induced peripheral neuropathy, So Hee Lee, Ji Yun Woo, Ok Yeon Han, Shin Yi Hwangbo

8-166 USP 797: environmental monitoring excursions, investigations, action plans, and taking a “mulligan”, John Lubkowski

8-167 Coping with medicine shortages: different pathways—one goal, Nenad Miljković

8-168 Pharmacist education on oral anticoagulant medication: a patient satisfaction survey, Dearbhla Murphy, Mariosa Kieran, Ciaran Meegan

8-169 Pregabalin and gabapentin drug utilization review at the Mater Misericordiae University Hospital, Dearbhla Murphy, Mariosa Kieran, Ciaran Meegan

8-170 An observational review to evaluate the appropriateness of stress ulcer prophylaxis continuation in cardiothoracic patients post intensive care unit discharge, Maria Murphy, Mairead Cassserly, Mariosa Kieran, Ciarán Meegan

8-171 Cost savings associated with switching from enteric to film coated prednisolone, Marie O Halloran, Jennifer Brown, Maríosa Kieran, Ciarán Meegan

8-172 Review of insulin event reports and proposal of risk mitigation strategies across a national healthcare organization, Elizabeth Papa, Melissa Diamond, Karen Smethers, Lynn Eschenbacher

8-173 Enhancing neuromuscular blocker safety: a multi-modal approach, Erin Pender, Melissa Gabriel

8-174 Implementation and evaluation of a medication transfer bag process to improve rate of medication transfer between inpatient units, Sierra Schmidt, Xiaoxue (Snow) Nehrbass, Sneha Kumar, Rosemary Duncan, Samuel Culli

8-175 An exploration into a pharmacist-led medicines reconciliation service: a service review in an acute hospital setting, Claire Shine, Ciaran Meegan, Mariosa Kieran

8-176 Improving medication safety reporting with event taxonomy changes, April Stefanell, Melissa Diamond, Karen Smethers

8-177 Interventions on drug-related problems identified from prescriptions dispensed in private community pharmacies in Singapore, Poh Leng Tan, Dewi Azura Hussain, Christine Bee Choon Teng
8-178  Evaluating the ISO 80369-3 (ENFit) enteral connection system for implementation at a large non-profit health system, Jeffrey Thomas, Ronda Machen, Renee Reid, Melissa Diamond, Karen Smethers

8-179  Audit of oral anticoagulant (OAC) prescribing in the mater misericordiae university hospital (MMUH); what has changed in 4 years?, Jayne Tuthill, Mariosa Kieran, Patricia Ging, Ciarán Meegan

8-180  Inpatient sedative/hypnotic medication usage in a community hospital, Dolly Valliath, Jean Stoerger

8-181  Decontamination of hazardous drug residues from stainless steel using a sporicidal disinfectant, Mark Wiencek, Michael Bedenbaugh

8-182  Optimizing composite medication event data reporting in a large national non-profit health system, Neil Wood, Melissa Diamond, Karen Smethers, Lynn Eschenbacher, Clariecia Groves

8-183  Memes for health: a millennial approach to health literacy using the CDC clear communication guidelines, Jewel Younge, Ashley Choi, Faiz Rehman, Nathaniel Wong

Transplant/Immunology

8-184  Potential drug-drug interactions between tacrolimus and direct acting antivirals sofosbuvir / velpatasvir and glecaprevir / pibrentasvir in kidney transplant patients during hepatitis C treatment, Tung Huynh

8-185  C1 esterase inhibitor-induced pulmonary embolism in a patient with hereditary angioedema, Justin Reinert

8-186  Association between vitamin D level at time of renal transplant and subsequent rejection, Michael Spinner, Lu Wang, Brian Stephany