

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 Casariego, 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**, Hajer 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

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, Bomim 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'aib 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

- 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 Hussein, 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

Professional Posters by Category

- 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 Abdulgelil, 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

- 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

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, ElHareth 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 Giménez 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

4-091 **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

4-092 **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

Geriatrics

4-093 **Pharmacist's role in management of home health patients admitted to the hospital**, Janay Bailey, Rani Madduri, Ashmi Philips, Navin Philips, Beata Wrobel

4-094 **Knowledge and awareness of Lebanese elderly on OTC NSAIDs adverse events**, Fadi Hodeib, Mohammad Assi, Rim Harb, Roba koubeissy, Diana Malaeb

4-095 **Attitude and satisfaction of Lebanese elderly patients towards the pharmacist's counseling on OTC NSAIDs**, Fadi Hodeib, Mohammad Assi, Rim Harb, Roba Koubeissy, Diana Malaeb

4-096 **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

Infectious Disease/HIV

4-097 **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

4-098 **Impact of targeted prescriber education and metrics on antibiotic utilization**, Brandi Acevedo, Katherine Shea, Jessica Sun, Steve Lundquist, David Choi

4-099 **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

4-100 **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

4-101 **Awareness of recommended vaccinations and vaccine preventable diseases among Lebanese adult population, 2019**, Batoul Ballout, Ghida Hamze, Marwan Akel, Lama Faddoul

4-102 **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

Professional Posters by Category

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

- 4-116** **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,** Amelia Furbish, Roger White
- 4-117** **Appropriateness of empiric antibiotics for *Pseudomonas aeruginosa* bacteremia,** Nathan Gartland, Brandon Smith, Ricardo Arbulu
- 4-118** **Implementation of penicillin allergy testing in a community hospital as an antimicrobial stewardship intervention,** Heather Gibson, Andrew Kessell, Jayne Lee
- 4-119** **Analysis of vancomycin loading doses before and after order set implementation in a community teaching hospital,** Olga Ginsberg, Andrew Aziz, Borislav Stoev
- 4-120** **Exploring strategies to incentivize students to receive their annual influenza vaccination,** Kelsey Habighorst, Thien Lee, Lisa Cillessen, Heather Taylor, Paul Gubbins
- 4-121** **Design and synthesis of novel oxadiazole-based antimycobacterial agents,** Morgan Harris, Wei Li, Mary Jackson, E. Jeffrey North
- 4-122** **Evaluation of health sources & resources administration (HSRA) visit criteria and its impact on viral load suppression in HIV-infected patients at a University-Based HIV Clinic,** Qingfeng He, Moses New-Aaron, Sara Bares, Nada Fadul, Joshua Havens
- 4-123** **Vancomycin stewardship pilot using methicillin-resistant *Staphylococcus aureus* (MRSA) nasal screening among patients with pneumonia,** Cindy (Mei Xian) Hsieh, Helen Lee
- 4-124** **Successful treatment of mycobacterium tuberculosis and carbapenem-resistant klebsiella pneumoniae infection in a post kidney transplant patient,** Xuelian Hu, Rong Zhang, Peng Gu, Menglin Luo, Fei Ye

Investigational Drugs

- 4-125** **Nintedanib reduced the decline in forced vital capacity across subgroups of patients with systemic sclerosis-associated interstitial lung disease: data from the SENSICIS trial,** Oliver Distler, Kristin Highland, Martina Gahlemann, Arata Azuma, Toby Maher
- 4-126** **Safety profile of nintedanib in patients with systemic sclerosis-associated interstitial lung disease and idiopathic pulmonary fibrosis,** Kristin Highland, Oliver Distler, Martina Gahlemann, Arata Azuma, Toby Maher
- 4-127** **Investigation of the potential anti-inflammatory and analgesic activities of some chemical products,** Fadi Hodeib, Hanan Ragab
- 4-128** **Investigational drug service – challenges and opportunities to workflow processes following a change in location,** Elyse MacDonald, Michelle Hillman, Winter Redd, Brittny Scharman, Malinda Suttlemyer

Professional Posters by Category

4-129 **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

4-130 **Analysis of pharmacist's work on investigational product management,** Minhye Park, Seonyoung Chung, Jeongmee Kim

Leadership

4-131 **Burnout response among U.S. hospital pharmacy directors and departments,** Matt Bilhimer, Nicole Acquisto, Patrick Bridgeman, Liz Rozcyki, Giles Slocum

4-132 **Emotional intelligence of pharmacists in the United States and in Japan,** Mai Yokota, Theresa Hoang, Janice Hoffman, Quang Le

Oncology/Hematology

4-133 **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

4-134 **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

4-135 **Impact of non-polyethylene lined infusion tubing on leaching and sorption with chemotherapeutic agents,** John Beard, Seth Eisenberg, Arun Singh

4-136 **Implementation of a dose optimization strategy for biological and cytotoxic substances at a rural ambulatory infusion center,** Bradley Cagle, Katy Wright

4-137 **The use of proteomics in establishing the potential use of statins in breast cancer prevention,** Macy England, Amy Ham, Edgar Diaz Cruz, Hayley Baker

4-138 **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

4-139 **Symptom tracking in oncology patients: leveraging intervention through education (STOPLITE),** Erin Hoag

Operating Room Pharmacy

4-140 **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

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 gamba 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**, Ameer 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

- 4-179** **Novel and comprehensive design of mock residency interviews for fourth professional year doctor of pharmacy students**, Kurt Wolfgang

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, Kiyooki 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

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

- 8-008** **Physicians views on the use of international clinical guidelines for managing insomnia in Saudi Arabia**, Mohammed Abutaleb, Ali Dobia, Kath Ryan, Alexander Edwards
- 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

Professional Posters by Category

- 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 Branam, 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, Koujirou 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

- 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**, Genmin 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 small 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

- 8-083** **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
- 8-084** **Advancing the pharmacist's role in preventing healthcare facility-onset C. difficile**, Carrie Tilton, Nicole Metzger, Mary Elizabeth Sexton, Chunhui Gu, Zhengjia (Nelson) Chen
- 8-085** **Comparative Monte Carlo analysis of cefepime alone and in combination with VNRX-5133 against resistant Gram-negative pathogens**, Meghan White, Roger White

Informatics/Technology/Automation

- 8-086** **Designing and implementing a CPR calculator to improve patient safety and enhance workflow efficiency**, Mohammed Almeziny, Saleh Binobaid, Ip Fan
- 8-087** **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
- 8-088** **Impact of a computerized intravenous chemotherapy concentration calculation program**, Eunyoung Choi, Sinae Park, Minhui Seo, Sooyeon Lee, Taewon Yoon
- 8-089** **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
- 8-090** **Automated dispensing cabinet management as an efficiency and cost savings initiative**, Paul Green, Laura Aylor, Elliot Marino, Victoria Nosowicz
- 8-091** **Efficiency of drug management after the introduction of automated dispensing cabinets (ADCs)**, Dayeon Lee, Eunsook Bang, Younghee Lee
- 8-092** **Review of current digital health products for cardiovascular monitoring**, Yujin Lee, Puja Darji, Nikhil Sangave, Dhiren Patel
- 8-093** **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
- 8-094** **Evaluation of stock outs after utilization of inventory optimization predictive analytics: multi-site retrospective data analysis**, Ahmed Naguib, Serdar Ayar, John Folker, Aryana Sepassi
- 8-095** **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 Irida, 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, Sneha 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

Oncology /Hematology

- 8-108** **Implementation of a chemotherapy compounding robot in a community ambulatory oncology infusion center and evaluation of its impact on turnaround time**, Amanda Kage, Jessica Marshall, Lisa Opatik, Cecilee Billman, Jennifer Rohde
- 8-109** **Real-world prevalence of potential drug-drug interactions involving oral antineoplastic agents in Korea: a population based study**, Ju-Yeun Lee, Kwanghee Jun, Sung Hwan Kim, Woo Youn Kim, Yewon Suh
- 8-110** **A retrospective review of an oxaliplatin desensitization protocol**, Andrew Leung, Chung-shien Lee, Craig Devoe, Anna Levy, Samrah Ahmad
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