Welcome

Dear Colleagues & IVPNeers,

It gives me great pleasure to welcome you to the First Intravenous and Parenteral Nutrition (IVPN) Symposium.

Organized by the Cleveland Clinic Abu Dhabi Pharmacy, this one-of-a-kind symposium is designed for pharmacists, physicians, nurses and other healthcare providers looking to enhance their knowledge of intravenous and parenteral nutrition therapies. The symposium will cover safety considerations, strategies for compliance with current and future compounding standards, technologies and clinical advances in IV and parenteral nutrition therapy. The sessions provide up-to-date information and state-of-the-art presentations delivered by reputable international and regional experts with experience in intravenous and parenteral therapies.

In addition to our exciting scientific program, you will experience how Cleveland Clinic Abu Dhabi has established a world-class pharmacy & Sterile Preparation Center through the tours that we are offering. We are confident that you will leave the symposium with best practices from the experts and will be able to implement them at your institutions.

We have been eagerly waiting to welcome you to this unique educational experience hoping it will be a rewarding one both professionally and personally.

Sincerely yours,

Osama Tabbara, R.Ph., EMBA, BCNSP
Conference Chairman
Senior Director of Pharmacy
Cleveland Clinic Abu Dhabi
Cleveland Clinic Abu Dhabi, part of Mubadala's network of world-class healthcare facilities, is a multispecialty hospital on Al Maryah Island in Abu Dhabi, UAE. Cleveland Clinic Abu Dhabi is a unique and unparalleled extension of US-based Cleveland Clinic’s model of care, specifically designed to address a range of complex and critical care requirements unique to the Abu Dhabi population. Cleveland Clinic Abu Dhabi has five Centers of Excellence in the following Institutes: Heart & Vascular, Neurological, Digestive Disease, Eye and Respiratory & Critical Care. Other Institutes include Surgical Subspecialties, Medical Subspecialties, Emergency Medicine, Anesthesiology, Pathology & Laboratory Medicine, Imaging and Quality & Patient Safety. In all, more than 30 medical and surgical specialties are represented at Cleveland Clinic Abu Dhabi.

The facilities at Cleveland Clinic Abu Dhabi combine state-of-the-art amenities and world-class service standards. The hospital is a 364 (expandable to 490) bed facility, with five clinical floors, three diagnostic and treatment levels, and 13 floors of critical and acute inpatient units. It is a physician-led medical facility served by North American board certified (or equivalent) physicians. Cleveland Clinic Abu Dhabi provides patients in the region direct access to the world's best healthcare providers and Cleveland Clinic’s unique model of care, reducing their need to travel abroad for treatment.

Cleveland Clinic Abu Dhabi is located on the waterfront of Al Maryah Island. The island occupies a unique position between Abu Dhabi's existing downtown district, the upcoming developments at Al Reem Island and the new cultural district on Saadiyat Island.

Visit www.clevelandclinicabudhabi.ae for more information
Committee

Chairman
Osama Tabbara, R.Ph., EMBA, BCNSP
Senior Director
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Organizing Committee

Chair
Rabih Dabliz, Pharm.D., FISMP
Manager, Quality & Medication Safety Services
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Member
Christopher Goodson, CPhT, BSIT
Senior System Analyst
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Member
Omar Chehab, Pharm.D.
Ambulatory Pharmacist
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Member
Shuaib Mahomed, B.Pharm, MSc
Senior Pharmacist, Inpatient Pharmacy
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE
Committee

Scientific Committee

Chair
Rania El Lababidi, Pharm.D., BCPS (AQ-ID), AAHIVP
Manager, Pharmacy Education and Training
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Member
Janise Phillips, Pharm.D., BCPS
Pharmacotherapy Clinical Specialist
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Member
Lisa Brennan, Pharm.D., BCPS
Senior Pharmacotherapy Specialist
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Member
Mary Nazzal, Pharm.D.
Pharmacist and Sterile Preparation Specialist
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE
Symposium Overview

Symposium Topics

- Cleveland Clinic Abu Dhabi experience with establishing a world-class department of pharmacy services & sterile preparation center
- <USP 800>: strategies for compliance
- Adult & neonatal parenteral nutrition therapy
- IV automation, robotics and safety
- Regional & international experience with provision of parenteral therapies

Target Audience

- Hospital Pharmacy & Patient Safety Leaders
- Pharmacy, Nursing and Medical Staff Practitioners
- Quality & Risk Management Practitioners
- Informatics/Automation Pharmacy Practitioners

Accreditation

The IVPN Symposium will offer up to 7.0 hours of Accreditation Council for Pharmacy Education – approved, knowledge-based continuing pharmacy education credits.

Symposium Activities

Dinner: Delegates are invited to a complimentary dinner at the end of the IVPN Symposium. The dinner will be held at the Sambusek Restaurant in Rosewood Hotel at 19:00.

Site Visit: Cleveland Clinic Abu Dhabi is offering all delegates an opportunity to see our world class pharmacies first hand. If you would like to attend the tour kindly sign up at our registration desk. Please note space is limited. The following tours are offered:

<table>
<thead>
<tr>
<th>Available Tours</th>
<th>Dates</th>
<th>Timing</th>
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<tbody>
<tr>
<td>Ambulatory Pharmacy</td>
<td>Nov. 22, 2015</td>
<td>09:00-10:00</td>
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<tr>
<td></td>
<td></td>
<td>10:00-11:00</td>
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<tr>
<td>Inpatient Pharmacy</td>
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<td>15:00-16:00</td>
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<tr>
<td></td>
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<td>16:00-17:00</td>
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</tbody>
</table>
Symposium Speakers

Ahmet Sami Bosnak, MSc, Pharm
Pharmacist
Gaziantep University Oncology Hospital
Istanbul, Turkey

Ann M. Williamson, PhD, RN, NEA-BC
Chief Clinical and Nursing Officer
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Antoine Cherfan, Pharm.D., BCPS, FCCP, CACP
Manager, Pharmacotherapy Services
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Eric Kastango, BSPharm, MBA, FASHP
President and CEO
Clinical IQ, LLC
New Jersey, USA

Ghalib Abbasi, MS, Pharm.D.
Pharmacy Technology Consultant
Florida, USA

Hamdy Amin, Pharm.D., MBA, BCNSP
Parenteral Nutrition Manager
King Faisal Specialist Hospital & Research Center
Riyadh, KSA

Jenell Westhoven, BSN, RN
Unit Based Educator and Staff Nurse
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE
Symposium Speakers

Jo Kuehn, RN, CPHQ
Manager Nursing Quality and Patient Safety
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Lamia Yahya, R.Ph., BCNSP
Clinical Pharmacist
Corniche Hospital
Abu Dhabi, UAE

Mary Nazzal, Pharm.D.
Pharmacist and Sterile Preparation Specialist
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Nora Al-Banyan, R.Ph., SSC, PhP., BCNSP
Clinical Pharmacist
King Fahad Medical City
Riyadh, KSA

Osama Tabbara, R.Ph., EMBA, BCNSP
Senior Director
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Rabih Dabliz, Pharm.D., FISMP
Manager, Quality & Medication Safety Services
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Zubeir Nurgat, BPharm, MSc, BCOP
Manager, IV Room
King Faisal Specialist Hospital & Research Center
Riyadh, KSA
# Scientific Program

<table>
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<tr>
<th>Sat., 21&lt;sup&gt;st&lt;/sup&gt; of Nov.</th>
<th>Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>07:30-08:30</td>
<td>Registration</td>
<td></td>
</tr>
<tr>
<td>08:30-08:40</td>
<td>Welcome</td>
<td>Ann Williamson, PhD, RN, NEA-BC &amp; Osama Tabbara, R.Ph., EMBA, BCNSP</td>
</tr>
<tr>
<td>09:10-09:35</td>
<td>Establishing a World-Class Pharmacy: The Cleveland Clinic Abu Dhabi Experience</td>
<td>Osama Tabbara, R.Ph., EMBA, BCNSP</td>
</tr>
<tr>
<td>09:35-10:05</td>
<td>Let's Fly! IV Medication Errors in the Hospital Pharmacy</td>
<td>Ghalib Abbasi, R.Ph., M.S., Pharm.D.</td>
</tr>
<tr>
<td>10:05-10:25</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>10:25-10:50</td>
<td>Cleveland Clinic Abu Dhabi Experience in Establishing the “Sterile Preparation Center” from Design to Operation</td>
<td>Mary Nazzal, Pharm.D.</td>
</tr>
<tr>
<td>10:50-11:20</td>
<td>IV Robotics and Workflow: Design and Integration with other Healthcare and Regulatory Components</td>
<td>Ghalib Abbasi, MS, Pharm.D.</td>
</tr>
<tr>
<td>11:20-11:45</td>
<td>Safety Considerations with Infusion Pumps</td>
<td>Rabih Dabliz, Pharm.D., FISMP</td>
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<tr>
<td>11:45-12:10</td>
<td>Intravenous Therapy and Parenteral Nutrition Administration: Nursing In-Focus</td>
<td>Jo Kuehn, RN, CPHQ &amp; Jenell Westhoven, BSN, RN</td>
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<tr>
<td>12:10-13:10</td>
<td>Lunch</td>
<td></td>
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</table>
## Scientific Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>13:10-13:40</td>
<td>Future Proofing Your Cleanroom Design: Meeting the current and Future Facility Design Requirements of USP 797 and USP 800</td>
<td>Eric Kastango, MBA, R.Ph., FASHP</td>
</tr>
<tr>
<td>13:40-14:10</td>
<td>Turkish Experience in Cytotoxic Compounding</td>
<td>Ahmet Bosnak, MSc. Pharm</td>
</tr>
<tr>
<td>14:10-14:35</td>
<td>IV Compounding Experience at King Faisal Specialist Hospital &amp; Research Centre: Manual or Robotics?</td>
<td>Zubeir Nurgat, BPharm, MSc, BCOP</td>
</tr>
<tr>
<td>14:35-15:00</td>
<td>Clinical Scenarios in Parenteral Nutrition</td>
<td>Osama Tabbara, R.Ph., EMBA, BCNSP</td>
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<tr>
<td>15:00-15:20</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>15:20-15:45</td>
<td>Parenteral Nutrition in Critical Care Patients</td>
<td>Antoine Cherfan, Pharm.D., BCPS, FCCP, CACP</td>
</tr>
<tr>
<td>15:45-16:10</td>
<td>Intradialytic Parenteral Nutrition in Hemodialysis Patients</td>
<td>Hamdy Amin, Pharm.D., MBA, BCNSP</td>
</tr>
<tr>
<td>16:10-16:35</td>
<td>My Experience as a Nutrition Support PGY-2 Resident at King Faisal Specialist Hospital &amp; Research Centre</td>
<td>Nora Al-Banyan, R.Ph., SSC, PhD., BCNSP</td>
</tr>
<tr>
<td>16:35-17:00</td>
<td>Conquering one Summit at a Time: A Stepwise Approach to Enhancing Neonatal Parenteral Nutrition</td>
<td>Lamia Omar Yahya, R.Ph., BCNSP</td>
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### Round Table Discussions

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<td>Marlene Bejjani</td>
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<tr>
<td>Neonatal PN</td>
<td>Ahmad Sajjad</td>
</tr>
<tr>
<td>Clean Rooms Design</td>
<td>Osama Tabbara</td>
</tr>
<tr>
<td>Technologies</td>
<td>Ghalib Abbasi</td>
</tr>
<tr>
<td>USP 797 &amp; 800</td>
<td>Eric Kastango</td>
</tr>
<tr>
<td>The Turkish Experience</td>
<td>Ahmet Bosnak</td>
</tr>
<tr>
<td>Parenteral Medication Safety</td>
<td>Rabih Dabliz</td>
</tr>
<tr>
<td>17:10-18:10</td>
<td></td>
</tr>
<tr>
<td>18:10-18:20</td>
<td>Osama Tabbara, R.Ph., EMBA, BCNSP</td>
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</tbody>
</table>
Accreditation Statement

CPE Consultants, LLC is accredited by the Accreditation Council for Pharmacy Education to provide continuing education for pharmacists and pharmacy technicians.

Accreditation Statement

CPE Consultants, LLC is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education and complies with the Accreditation Standards for continuing education activities. The maximum number of contact hours (CEUs) of pharmacy continuing education credit that will be awarded for a pharmacist attending all the accredited activities at the First Intravenous and Parenteral Nutrition (IVPN) Symposium is 7.0 hours. The Universal Activity Number (UAN) for this knowledge based activity is 0864-9999-15-028-L04-P. The activity will be released November 21, 2015 and expires November 21, 2018. Complete accreditation information for this IVPN Symposium can be found on the CPE Consultants, LLC learning management website: http://www.cpeconsultantslearningexpressce.com.

No financial support was obtained for this event. There is a participant registration fee to attend the IVPN Symposium.

POLICY ON CONTINUING EDUCATION CREDIT - Participants are provided instructions to access CPE Consultants, LLC's learning management system in order to evaluate the successfully completed activity and generate an online Statement of Credit.

ACPE/NAPB will no longer accept hard copies of statements of credit. All information must not be submitted electronically by the ACPE accredited provider. This information will be automatically reported to CPE Monitor; therefore, it is imperative that participants complete their evaluations for the First Intravenous Parenteral Nutrition (IVPN) Symposium by December 20, 2015. Failure to do so will result in a loss of Continuing Pharmacy Education Credit.

Participants are encouraged to carefully check their NABP e-Profile number and date of birth (MMDD) to ensure this data is accurately recorded. Entering incorrect data will result in a rejection of CPE credit.

Any questions regarding NABP Profile setup and registration for the CPE Monitor® service to ensure credits are properly tracked for licensure, please visit: http://www.nabp.net/programs

Contact NABP Customer Service by phone: 847.391.4406, or email: custserv@nabp.net

POLICY ON FACULTY AND PROVIDER DISCLOSURE: It is the policy of CPE Consultants, LLC that the faculty, planning committee members and provider disclose real or apparent conflicts of interest relating to the topics of these educational activities and also disclose discussions of unlabeled/unapproved uses of drugs or devices during the activities. Detailed disclosure will be made available at the beginning of the activity in written and verbal format. Any portion of this activity which appears to be bias or promote a particular company or product should be identified when evaluating the activity.

GRIEVANCE POLICY: A participant, sponsor, faculty member, or any other individual wanting to file a grievance with respect to any aspect of an activity sponsored or cosponsored by CPE Consultants, LLC, must be submitted in writing to CPE Consultants, LLC: annehermiller@cpeconsultantsllc.com. The grievance will be reviewed and a response will be returned within 45 days of receiving the written statement.

For any additional information regarding the activities presented at this event, contact Anne L. Hermiller by e-mail: annehermiller@cpeconsultantsllc.com.
Online Instructions for CME

1. Copy the following URL into your Internet browser:  http://cepconsultants.learningexpressce.com

2. Create an account by clicking on “Create an Account” located in the upper right corner of the Home Page.
   When all information has been entered, click on the blue “Create an Account” button.
   If you already have an account, proceed to Step 3.

NOTE: U.S. LICENSED PHARMACISTS: Entering incorrect data will result in a rejection of CPE credit. Carefully check your NABP e-Profile ID and date of birth (MMDD) to ensure this data is accurately recorded! If you have any questions regarding how to set up your NABP e-Profile and registering for the CPE Monitor service to ensure your CPE units are properly tracked for licensure, visit: http://www.nabp.net/programs/cpe-monitor/cpe-monitor-service/pharmacists.

NON-U.S. LICENSED PHARMACISTS and Other Healthcare Providers: You may enter any 6-digit number, with your licensure number and date of birth (MMDD).

3. Log in and click on My Account.

4. You should now be on the Home page. Click on Pending Programs/CE page and you should see the prompt: “To access a private program, enter the registration code here:” Type: IVPN2015 and click on “Register”.

5. You should now be on the IVPN Symposium page. Scroll to bottom of page, click on the green “Register Now” button. From the Register Now page, confirm your account information is entered correctly and click on the blue “Register” button at the bottom of the page. An email will be sent to identity you have successfully registered for this event.

6. In the tool bar, click on Programs and Pending CE page; click on the IVPN link in the Programs box. By clicking on the “+” to the left of the activity title, you will be able to review a detailed summary of the Symposium. When you have successfully attended each activity you will be eligible to evaluate each activity by clicking the green, “Complete Evaluation” button.

7. Complete the evaluation by answering every question. **Do not leave any question unanswered. If you do not have a comment or do not feel you want to answer the question, please put “NA” in the space provided.**

8. After successfully completing the evaluation, you will be able to print your Statement of Continuing Pharmacy Education Credit.

9. Under the “View/Print CE Credit” tab, a list of your completed CEs will appear. Click on “View Certificate,” and then click on “Print” in the upper right corner.

**IMPORTANT:** You must complete all the above requirements by December 20, 2015. Failure to do so will result in a loss of Continuing Pharmacy Education Credit. A system wipeout clears all pending activity into CPE monitoring during this time, so it is imperative that you complete your evaluations within the allotted time frame. Thank you for your cooperation.
Faculty Profile

Ahmet Sami Bosnak, MSc, Pharm
Pharmacist
Gaziantep University Oncology Hospital
Istanbul, Turkey

Mr. Bosnak is a pharmacist. After a short community pharmacy run, he served as a Medical Devices Expert Consultant on European Union Business Development Centres. In 2004, he completed his master’s degree in Molecular Genetics than he started working in the Gaziantep University Oncology Hospital as a supervisor pharmacist, now he is the Executive Manager of this hospital. He is the first founder of the Central Chemotherapy Drug Automated Preparation Unit in Turkey. He currently serves as the coordinator of this unit. Mr Bosnak established the Turkish Oncology Pharmacy Association in 2009 and he is currently the President of the Association’s Board of Directors. He served as a Board Member of the European Society of Oncology Pharmacy (ESOP) in the years 2007-2013, now he is the Executive Vice President of the society. Mr Bosnak, was invited to the Turkish Parliament, Cancer Disease Investigation Commission to give a brief about Oncology Pharmacy Automation in 2010. He has Academy Award from Turkish Chamber of Pharmacy from his Oncology Pharmacy Activities. He is the author of many books and articles such as “Antineoplastics Preparation Techniques & Safe Room Management”, “Clinical Oncology Pharmacy Letters” “Pharmacy Automation History to Future” Still he is working in the lots of R&D groups which are working on Oncology Pharmacy Automation.

Antoine Cherfan, Pharm.D., BCPS, FCCP, CACP
Manager, Pharmacotherapy Services
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Dr. Antoine Cherfan is currently the Senior Pharmacotherapy Specialist at Cleveland Clinic Abu Dhabi and the Formulary Manager.

He holds a Pharm. D. degree from the Lebanese American University (2001) after which he completed an ACPE accredited Pharmacy Practice Residency at Huntsville Hospital, Alabama, USA (2001-2002). He is a Board Certified Pharmacotherapy Specialist (BCPS) since 2005, Fellow of the American College of Chest Physicians (FCCP), and recently received the national board certification in anticoagulation (CACP). He has been involved in many national and international research projects and has several publications. Antoine served as the Critical Care Clinical Pharmacy Specialist at King Abdulaziz Medical City (NGHA) in Riyadh (2003-2013) with service to various critical areas (Medical/Surgical/Transplant ICU/ Trauma ICU/Burn Unit), in addition to an active role in the anticoagulation clinic. He also served as an assistant professor at the College of Pharmacy at King Saud Bin Abdulaziz University for Health Sciences (KSAU-HS).
Faculty Profile

Eric Kastango, BSPharm, MBA, FASHP
President and CEO
Clinical IQ, LLC
New Jersey, USA

Eric S. Kastango, M.B.A., B.S.Pharm., FASHP, is president of Clinical IQ LLC, a health care consulting firm and CriticalPoint, LLC, a web-based education company.

Mr. Kastango received his Bachelor of Science degree in pharmacy from the Massachusetts College of Pharmacy and Allied Health Sciences and his Master of Business Administration degree from the University of Phoenix. He is one of four recipients of the 2013 Outstanding Service Award from the Massachusetts Society of Health-System Pharmacists and the 2014 recipient of the NABP Henry Cade Memorial Award that recognized his efforts and assistance to the states and NABP to address the compounding tragedy that occurred in 2012.

Since 1980, he has practiced pharmacy in a number of practice settings, including hospitals, community, and home care, in a number of different roles, including the Corporate Vice President of Pharmacy Services for Coram Healthcare Corporation. He has also managed a FDA-registered cGMP manufacturing operation for Baxter Healthcare Corporation.

He is an active member and Fellow of the American Society of Healthcare Pharmacists and served on the USP Sterile Compounding Committee from 2005-2010 and 2010-2015 USP Council of Experts, Compounding Expert Committee until April 2013. He is actively working with NABP and state boards of pharmacy to provide training to their sterile compounding inspectors.

Eric is author of the 2004 ASHP Discussion Guide on Sterile Preparation: Summary and Implementation of USP Chapter 797, the ASHP Sterile Product Preparation CD-ROM: A Multimedia Learning Tool, the ASHP web-based 797 Compliance Advisor Gap Analysis Tool for USP Chapter 797 and the CriticalPoint web-based educational series on Sterile Compounding and the Annual National USP <797> Compliance Survey now in its fifth year. Eric has over 200 invited national and international professional presentations on various pharmacy practice topics such as pharmacy compounding and quality systems.
Faculty Profile

Ghalib Abbasi, MS, Pharm.D.
Pharmacy Technology Consultant
Florida, USA

Dr. Ghalib Abbasi is an experienced Pharmacy Informatics and Technology Consultant who is based in Tampa, Florida. He received his Bachelor of Science in Pharmacy (BSc) from Jordan University of Science and Technology, Masters of Science in Clinical/Hospital Pharmacy (MSc) from The University of Iowa, and Doctor of Pharmacy (PharmD) from the University of Iowa. Dr. Abbasi has worked in several pharmacy settings including community, hospital, and industry. He holds several academic and professional honors and rewards, and continues to be dedicated to improving the pharmacy profession and enhancing safe medication practices through technology. Dr. Abbasi focuses on creating and evaluating novel solutions revolving around improving patient and user safety in IV medication preparation and administration, along with integrating such solutions with other healthcare system components. In his free time, he enjoys biking, reading, and spending time with his family.

Hamdy Amin, Pharm.D., MBA, BCNSP
Parenteral Nutrition Manager
King Faisal Specialist Hospital & Research Center
Riyadh, KSA

Dr. Amin is a graduate of the School of Pharmacy, King Saud University, Riyadh, Saudi Arabia. He earned his Doctor of Pharmacy degree from Duquesne University, Pittsburgh, Pennsylvania, USA and Master in business administration from Prince Sultan University, Riyadh, Saudi Arabia in 2015. Dr. Amin is a board certified in Nutrition Support by the American Board of Pharmaceutical Specialties.

He has been appointed as a manager for the PN team at King Faisal Specialist Hospital and Research Center, Riyadh since 2004. He assigned as a Director for the PN Residency Program.

Dr. Amin is involved in outside speaking engagement and in providing consultation services to other institutions in matters relating to his specialty. Also, he has been working with many post-graduate and residency candidates in his capacity as a preceptor. He is an active member in several committees within and outside the hospital. He serves as a manuscript reviewer of Journal of Parenteral and Enteral Nutrition (JPEN) and Annals of Saudi Medicine.

To date, Dr. Amin remains the reference in the Kingdom for this specialization that requires his valuable input.
Faculty Profile

Jenell Westhoven BSN, RN
Unit Based Educator and Staff Nurse
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Jenell Westhoven BSN, RN is a Unit Based Educator and staff nurse in Cleveland Clinic Abu Dhabi’s (CCAD) Acute Care Neurology Institute as well as co-chair of Shared Governance Practice Council. Her career as a Registered Nurse (RN) spans thirteen years with a Baccalaureate Degree in Nursing from Defiance College in Defiance Ohio, USA.

Jenell has worked in various charge nurse positions, Assistant Director of Nursing in long term care (LTC) and rehabilitation (SNF), Director of Nursing (LTC/SNF) and as Interim Director of Quality Management, working with regulatory reporting and performance improvement projects. She has expertise in Medical / Surgical and Cardiac Nursing with Acute and Critical Care Step down focus. Her passion is collaborating to find solutions that improve front line efficiency that will enable high quality patient safety outcomes through comprehensive planning, implementation and thorough education. Jenell completed her Vascular Access Resource Nurse Certification in 2014 and continues to develop her knowledge base in evidenced based care and maintenance of intravascular lines for the prevention of Central Line Associated Blood Infections (CLABSI).

Jenell is currently a member of the American Heart Association as an Instructor since 2007. She is a past member of the Ohio Director of Nursing Association (ODONA), Association for Professionals in Infection Control and Epidemiology (APIC) and Henry County Medical Reserve Corps (MRC). Jenell is recognized on the Cleveland Clinic Career Ladder (Lakewood Hospital) 2013 and received Cleveland Clinic Patient Excellence Award Q1 2014. She has since gone on to receive CCAD Caregiver Excellence Team Awards for Q1 and Q2 2015.
Jo Kuehn’s career as a Registered Nurse (RN) spans 30 years having received her Baccalaureate Degree in Nursing from the Royal College of Nursing, London, UK and her Master of Science in Nursing Leadership from Regis University, USA.

Jo has traveled extensively working as a RN in the UK, Australia, USA and Middle East (Muscat, Oman; and Dubai, Al Ain and Abu Dhabi in the United Arab Emirates). Her clinical expertise and interests include Orthopedic and Medical / Surgical Nursing, Joint Commission and Joint Commission International Accreditation survey readiness, Team training, Human Factors Engineering, Shared Governance where individuals and teams are empowered to embrace and embody a culture of safety.

Jo has held positions in Healthcare Quality for the past 8 years. Jo relocated from the US in 2012 to join Cleveland Clinic Abu Dhabi (CCAD) as the Manager of Nursing Quality and Patient Safety. Jo is a Certified Professional in HealthCare Quality (CPHQ), a Master Trainer for TeamSTEPPS and completed the Just Culture certification course in 2012. Jo is an active member of the National Patient Safety Foundation (NPSF) and National Association of HealthCare Quality (NAQH).

Jo received a CCAD Caregiver Excellence Award for Q3, 2014 and in 2015 was recognized for and received a CCAD Nursing Leadership Award at the Nursing Excellence Awards Banquet in Cleveland Clinic, Ohio.
Lamia Omer Yahya is a Neonatal Clinical Pharmacist at the Corniche Hospital, a 300-bed specialized maternity and neonatal hospital in Abu Dhabi, UAE. She has several years of experience in clinical nutrition, particularly parenteral nutrition, a field she is extremely passionate about.

Lamia obtained her Bachelor of Pharmacy in 1997. She joined Mafraq Hospital in 1998 where she initially assisted in the establishment of a team specialized in parenteral nutrition and intravenous (IV) medications, before spearheading the creation a pharmacy based centralized IV admixture service. Lamia continued to develop her clinical nutrition skills and knowledge, and successfully obtained the American Board Certified Nutrition Support Pharmacist (BCNSP) credential in 2007. She also spent some time in Canada working towards her Ontario pharmacy license, which was granted to her in 2011.

In her current role, Lamia oversees the nutritional and pharmacotherapeutic requirements of the Corniche Hospital's very busy neonatal intensive care unit. She has worked on several projects related to standardization and optimization of parenteral nutrition in this high risk patient population. In 2013, these initiatives were recognized at the SEHA 6th Annual Medication Safety Conference, where Lamia and her team were awarded the best poster under the professional clinical category, entitled “Standardization of Neonatal Parenteral Nutrition”. Lamia also holds great passion towards enhancing the safety of the neonate patient while being treated with the different pharmacotherapies in the neonatal intensive care unit. She is involved, along with multidisciplinary teams, in a number of hospital based, quality improvement projects aiming at enhancing the safe prescribing, dispensing and administration of such medications. Some of these include: the release of a “Neonatal Drug Datasheet”, the creation of “Neonatal Medication Order Sets” within the Computer Based Physician Order Entry System and the safe programming of the Intravenous Infusion pumps with drug libraries unique to the neonatal unit.
Faculty Profile

Mary Nazzal, Pharm.D.
Pharmacist and Sterile Preparation Specialist
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Mary Nazzal is the Sterile Preparations Specialist for Cleveland Clinic Abu Dhabi and has been with the hospital for over 3 years now.

She received her Pharm. D. degree from Butler University in Indianapolis, IN, USA in 2004. Her sterile preparation experience dates back to 1998 where she started working at Indiana University Hospital as a student in the IV room.

She continued to work in Inpatient pharmacy, OR and ICU satellite pharmacies.

Her latest position in the US included initiation of an inpatient pharmacy in a start up hospital and using her creative talents she developed a well respected OR satellite pharmacy.

Nora Al-Banyan, R.Ph., SSC, PhP., BCNSP
Clinical Pharmacist
King Fahad Medical City
Riyadh, KSA

Nora AlBanyan, is a clinical pharmacist at King Fahad Medical City. Her practice sites include medication safety and nutrition support. She received her Bachelor’s degree in pharmaceutical sciences from King Saud University. After which she completed the clinical pharmacy specialty residency from the Saudi Commission for Health Specialties in Saudi Arabia. She is a board certified nutrition support pharmacist. Currently, she is completing PGY2 in Nutrition support at King Faisal specialist hospital and research center. She is a member in several international scientific and professional societies and has participated in several national and international conferences.
Faculty Profile

Osama Tabbara, R.Ph., EMBA, BCNSP
Senior Director
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Osama has joined Cleveland Clinic Abu Dhabi in November 2010. Osama was the Director of Pharmacy Services Administration at King Fahad Medical City (KFMC), a 1000-bed hospital, for 4 years. Osama also served as the Director of Pharmacies of Al-Rahba and Mafraq hospitals, Abu Dhabi, UAE for 3 years.

Osama also served at King Faisal Specialist Hospital (KFSHRC), Riyadh as a Clinical Pharmacist and Supervisor of the TPN Team and IV Room for 11 years. Before joining KFSHRC, Osama worked for 9 years at Al-Hada Military Hospital as Outpatient Pharmacy Supervisor and Drug Information Pharmacist.

Osama Tabbara graduated as Pharmacist in 1984; he has an executive MBA and is Board Certified in Nutrition Support. He was a guest speaker in more than 100 symposia & seminars in topics related to Nutrition, IV Fluid Management, Pharmacy Technologies, and Quality Management. He had given more than 1000 presentations and has many publications and Performance Improvement Projects in the field of TPN, Fluid & Electrolytes Therapy, and Quality Management.

Rabih Dabliz, Pharm.D., FISMP
Manager, Quality & Medication Safety Services
Cleveland Clinic Abu Dhabi
Abu Dhabi, UAE

Dr. Rabih Dabliz is the Quality and Medication Safety Officer at Cleveland Clinic Abu Dhabi. He graduated with a Doctorate of Pharmacy Degree from the Lebanese American University, Lebanon. He completed his Post Graduate Pharmacy Practice Residency and Post Graduate Pediatric Pharmacy Residency in the USA. Prior to joining Cleveland Clinic Abu Dhabi, Dr. Rabih completed a Safe Medication Management Fellowship at the Institute for Safe Medication Practices and worked as a Quality and Patient Safety Pharmacist in Ontario, Canada. His areas of interest are pediatric medication safety and the role of human factors in medication error prevention.
Faculty Profile

Zubeir Nurgat, BPharm, MSc, BCOP
Manager, IV Room
King Faisal Specialist Hospital & Research Center
Riyadh, KSA

Zubeir obtained his Bachelor of Pharmacy degree (BPharm (Hon’s)) from The University of Bradford, School of Pharmacy, Bradford, England, UK in 1995. He further obtained his Certificate in Pharmacy Practice, (Cert Pharm Pract) and the Diploma in Pharmacy Practice, (Dip Clin Pharm) from The University of London, The School of Pharmacy, London, England, UK in 1997. He obtained a Master of Science (Clinical Oncology), (MSc.) from The University of Birmingham, School of Medicine, Cancer Research Institute, Birmingham, England in 2002. He is a certified Supplementary Pharmacist Prescribing, SP, from Robert Gordon University, School of Pharmacy, Aberdeen, England, UK. He is board certified Board Certified Oncology Pharmacist, BCOP in 2006. He joined the King Faisal Specialist Hospital and Research Centre, Pharmaceutical Care Division in June 2005 as a Clinical Pharmacist-Adult Hematology/Hematopoietic Stem Cell Transplant. He was then promoted to the position of Manager, Pharmaceutical Care Division in 2011. He is also a member of The General Pharmaceutical Council (GPhC) UK, since 2010; The American College of Clinical Pharmacy, since 2007; The Royal Pharmaceutical Society of Great Britain, RPSGB; the International Society of Oncology Pharmacy Practitioners, ISOPP since 1995.

He has interests in pharmacy automation especially in IV automation and has published articles related to automation especially the first-generation chemotherapy-compounding robot. He has previous worked in the United Kingdom for a decade at various University Teaching Hospitals in various positions.

Zubeir has an adjunct faculty appointment at the King Saud University College of Pharmacy, Preceptor of American Society of Health-System Pharmacists (ASHP) residency program. He is a member of various committees’ in the hospital such as the Coordinator of Cancer Therapeutics committee, Member of Plasma Derivative committee, subcommittee of Formulary Therapeutics. He is Local mentor for postgraduate Clinical Pharmacy program with QUB, School of Pharmacy. Zubeir’s interest in research is both as a principal investigator and as part of the multidisciplinary teams, and has published widely in peer-reviewed journals.