



# ISPOR

*Improving healthcare decisions*

## **Chapter**

### **President**

## **Qatar**

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### **President-Elect**

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### **Past President**

### **Secretary**

Ahmed Awaisu, PhD, Assistant Professor, College of Pharmacy, Qatar University, Doha 2713, Qatar (+974) 4403 5596 , aawaisu@qu.edu.qa

### **Treasurer**

Ahmed Awaisu, PhD, Assistant Professor, College of Pharmacy, Qatar University, Doha 2713, Qatar (+974) 4403 5596, aawaisu@qu.edu.qa

### **When are elections held for your Chapter's Board?**

No election took place in last year. This will be in next year in May 2018

### **Regional Chapter Members - 2017**

8

### **Regional Chapter Members - 2016**

4

### **Notes re Chapter members**

### **Full ISPOR members (those paying dues to ISPOR Headquarters)**

4

### **Does your Chapter collect membership dues or fees from individuals for local Chapter membership?**

No

### **Benefits Chapter offer to members**

- Leading and contributing to educational activities. - Leading and contributing to research activities. - Network with professional from among different settings at the national level. - Through the above, members develop their knowledge and skills, knowledge and skills wise.

### **Chapter's accomplishments in 2017 with regard to membership recruitment, retention, and engagement.**

- We have added a member from the Hamad Medical Corporation, the healthcare provider in Qatar. This did not exist before. - We added a new medical research center in Qatar, Sidra Medical Hospital. This did not exist before. - Two new members were to be included in the Chapter, but they were not included because of leaving the country. Existing members are retained and act as contributing members. Except in relation to the president-elect, who will need to be replaced starting 2018. - In overall, the chapter members are engaged. More members will need to be added in 2018. - The new member was included as a result of invitations to contribute to activities. The invitation was intentional for the engagement purposes and the invitation to the Chapter.

|   |    |
|---|----|
| <b>Academia%</b>  | 40 |
| <b>Government/HTA Agency%</b>   | 40 |
| <b>Industry - Pharmaceutical/Medical Device/Diagnostics/ Biotech%</b> | 20 |
| <b>Consulting%</b>  |    |
| <b>Clinicians%</b>  |    |
| <b>Student%</b>   | 1  |
| <b>Other%</b>   |    |

**Chapter's accomplishments in 2017 with regard to education and training.**

- Cost-Effectiveness of Health Care Technologies. Continuous Professional Development - Health Cluster, Qatar University, Qatar.
- Advanced Research Designs II: Experimental Studies. Research Methodology and Biostatistics Workshop for Pharmacists. November 2017. Hamad Medical Corporation (HMC), Doha, Qatar.
- Advanced Research Designs III: Development of Questionnaire: Step-wise Approach. Research Methodology and Biostatistics Workshop for Pharmacists. November 2017. HMC, Doha, Qatar.
- Power Analysis in Research. Research Methodology and Biostatistics Workshop for Pharmacists. November 2017. HMC, Doha, Qatar.
- Advanced Biostatistics II: Application of Biostatistics in Pharmacy Research. Research Methodology and Biostatistics Workshop for Pharmacists. November 2017. HMC, Doha, Qatar.
- Writing Grant Applications. Research Methodology and Biostatistics Workshop for Pharmacists. December 2017. HMC, Doha, Qatar.
- Scientific Report Writing and Scholarly Publications. Research Methodology and Biostatistics Workshop for Pharmacists. December 2017. HMC, Doha, Qatar.
- Building Frontiers and Leaders in Pharmacy Practice Research. Research Methodology and Biostatistics Workshop for Pharmacists. October 2017. HMC, Doha, Qatar.
- Designing Research Methodology Course Syllabus/Modules. Research Methodology and Biostatistics Workshop for Pharmacists. HMC, October 2017. Doha, Qatar.
- Skills for Facilitation of Research Methodology Workshops. Research Methodology and Biostatistics Workshop for Pharmacists. October 2017. HMC, Doha, Qatar.
- Methods of Evaluation Research Course and Assessment of Trainees. Research Methodology and Biostatistics Workshop for Pharmacists. HMC, October 2017. Doha, Qatar.
- Tips on Developing Learning Outcomes and Outline for Course Content. Research Methodology and Biostatistics Workshop for Pharmacists. HMC, October 2017. Doha, Qatar.
- Conception of Research Idea and Developing Research Questions. Research Methodology and Biostatistics Workshop for Pharmacists. HMC, October 2017. Doha, Qatar.
- Research Designs II: Experimental Studies. Research Methodology and Biostatistics Workshop for Pharmacists. 28 October 2017. HMC, Doha, Qatar.
- Data Collection Tools and Techniques. Trainer Research Methodology and Biostatistics Workshop for Pharmacists. October 2017. HMC, Doha, Qatar.
- Literature Review and Critical Appraisal of Literature. Research Methodology and Biostatistics Workshop for Pharmacists. October 2017. HMC, Doha, Qatar.
- Sample Size Determination. Research Methodology and Biostatistics Workshop for Pharmacists. October 2017. HMC, Doha, Qatar.

**Chapter's accomplishments in 2017 with regard to research.**

- Cost-effectiveness research in cancer therapy: a systematic review of literature trends, methods and the influence of funding. *BMJ Open*. 2017 Jan 27;7(1):e012648. doi: 10.1136/bmjopen-2016-012648 - International Society of Pharmacoeconomics and Outcomes Research (ISPOR) Book of Terms - Arabic Version. ISPOR. 2017 - Assessing prevalence of and barriers to medication adherence in patients with uncontrolled diabetes attending primary healthcare clinics in Qatar. *Prim Care Diabetes*. 2017 Nov 20. pii: S1751-9918(17)30181-X. doi: 10.1016/j.pcd.2017.11.001. - Synthesizing and appraising the quality of the evidence on factors associated with medication adherence in diabetes: a systematic review of systematic reviews. *Value Health Reg Issues*. 2017 Sep;13:82-91. doi: 10.1016/j.vhri.2017.09.001. - Advancing the visibility, impact, and quality metrics of Value In Health Regional Issues (2017). *Value Health Reg Issues*. 2017 Sep;13:71-72. doi: 10.1016/j.vhri.2017.08.007. - Prevalence and predictors of digoxin utilization among heart failure patients with reduced ejection fraction in Qatar. *Int J Clin Pharm*. 2017 Oct;39(5):1070-1083. doi: 10.1007/s11096-017-0526-3. - Effect of pharmacist care on medication adherence and cardiovascular outcomes among patients post-acute coronary syndrome: A systematic review. *Res Soc Admin Pharm* (2017), <http://dx.doi.org/10.1016/j.sapharm.2017.06.004>. - Tobacco-related education in schools of pharmacy in the Middle East: A multinational cross-sectional study. *Nicotine Tob Res* (2017) ntx031. DOI: <https://doi.org/10.1093/ntr/ntx031> - Factors associated with medication adherence among patients with diabetes in the Middle East and North Africa region: A systematic mixed studies review. *Diabetes Res Clin Pract*. 2017;129:1–15. doi: <http://dx.doi.org/10.1016/j.diabres.2017.04.015> - A holistic conceptual framework model to describe medication adherence in and guide interventions in diabetes mellitus, *Res Soc Admin Pharm* (2017), <http://dx.doi.org/10.1016/j.sapharm.2017.05.003>. - Characteristics and quality of adverse drug reaction reporting: a comparison of pharmacists with other healthcare providers at a multi-specialty hospital in Qatar. *Drugs Ther Perspect*. 2017;33(6):283-289. DOI 10.1007/s40267-017-0404-z - A Middle Eastern journey of integrating Interprofessional Education into the healthcare curriculum: a SWOC analysis. *BMC Med Educ*. 2017 Jan 17;17(1):15. doi: 10.1186/s12909-016-0852-5.

**Chapter's accomplishments in 2017 with regard to policy-related activities.**

- Under the influence of pharmacoeconomics research conducted by Chapter members, a new position was created in the main healthcare provider in Qatar, which is Hamad Medical Corporation. The naming of the position, which is Hospital Pharmacoeconomics, was created by the Chapter. This indicates a major shift in the understanding and appreciation of pharmacoeconomics in the country, as influence of the activities by the Chapter members.

**Chapter's accomplishments with regard to Chapter meetings, workshops, or conferences in 2017.**

- Decision analytic modeling for economic evaluation. Health Economics and Resource Utilization Program meeting, by Apotex Middle East. Intercontinental Athens, Athens, Greece. Sep 29 – Oct 1, 2017. - Cost-effectiveness Analysis of Sedatives in the Management of Neonates Undergoing Mechanical Ventilation in the Intensive Care Setting in Qatar. QU Research Forum, Research Complex, Qatar University, Qatar. May 3-4, 2017 - Cost-effectiveness Analysis of Morphine Monotherapy versus Fentanyl Monotherapy in the Management of Neonates Undergoing Mechanical Ventilation in the Intensive Care Setting (Poster). 23rd ISPOR International Meeting. Baltimore Convention Center, Baltimore, USA. May 19-23, 2017 - Pharmacoeconomics Analysis of Morphine Monotherapy versus Morphine and Midazolam Combination for Critically Ill Neonates Undergoing Mechanical Ventilation (Poster). 23rd ISPOR International Meeting. Baltimore Convention Center, Baltimore, USA. May 19-23, 2017 - Pharmacoeconomics analysis of capecitabine versus 5-fluorouracil/leucovorin as adjuvant therapy in stage III colon cancer in the state of Qatar (Poster). 2017 Midyear ASHP Meeting, Orange County Convention Center Florida, USA. Dec 3-7, 2017 - Comprehensive decision analytic and cost-effectiveness modeling of posaconazole versus fluconazole as prophylactic systemic antifungals in patients with hematological malignancies in Qatar (Poster). 2017 Midyear ASHP Meeting, Orange County Convention Center Florida, USA. Dec 3-7, 2017 - Fentanyl monotherapy versus the fentanyl plus midazolam combination in the management of mechanically ventilated neonates in the intensive care setting in Qatar. A cost-effectiveness analysis (Poster). 2017 Midyear ASHP Meeting, Orange County Convention Center Florida, USA. Dec 3-7, 2017 - Cost-effectiveness Evaluation of Posaconazole versus Fluconazole as Prophylactic Systemic Antifungals in Patients with Haematological Malignancies in Qatar (Poster). 2nd Health Cluster Research Symposium, College of Medicine, Qatar University, Qatar. Apr 22, 2017 - Cost-effectiveness Analysis of Morphine Monotherapy versus Fentanyl Monotherapy in the Management of Neonates Undergoing Mechanical Ventilation in the Intensive Care Setting (Poster). 2nd Health Cluster Research Symposium, College of Medicine, Qatar University, Qatar. Apr 22, 2017 - Cost-effectiveness Evaluation of Posaconazole versus Fluconazole as Prophylactic Systemic Antifungals in Patients with Hematological Malignancies in Qatar (Poster). 4th Qatar International Pharmacy Conference, Grand Hyatt, Qatar. Nov 18-19, 2017 - Monotherapy morphine versus fentanyl in the management of neonates undergoing mechanical ventilation in the intensive care setting (Poster). 4th Qatar International Pharmacy Conference, Grand Hyatt, Qatar. Nov 18-19, Nov 2017 - Quality of methods used in the evaluation of surfactant in meconium aspiration syndrome - Systematic Review (Poster). 7th Student Research Forum, College of Pharmacy, Qatar University, Qatar. May 24, 2017 - Quality indicators for evaluating services related to cardiac care. (Podium). HMC Cardiology Department. 14th Gulf Heart Association Conference and 11th Gulf Vascular Society Symposium. Doha, Qatar. January 12, 2018. - Prevalence of and barriers to medication adherence in patients with uncontrolled diabetes mellitus in primary health centers in Qatar: a quantitative analysis. (Poster). ISPOR 20th Annual European Congress. Glasgow, UK. November 4 - November 8, 2017. - Synthesizing and appraising the quality of the evidence on factors associated with medication adherence in diabetes: a systematic review of systematic reviews. Value Health Reg Issues. 2017 Sep;13:82-91. doi: 10.1016/j.vhri.2017.09.001. - Advancing the visibility, impact, and quality metrics of Value In Health Regional Issues (2017). Value Health Reg Issues. 2017 Sep;13:71-72. doi: 10.1016/j.vhri.2017.08.007.

**Articles published in ISPOR's publication in 2017 - *Value in Health*, *Value in Health Regional Issues*, *Value and Outcomes Spotlight*, and ISPOR Regional newsletters by members in your Chapter.**

**Contributions to ISPOR Conferences and Events by Chapter members in 2017. Include workshops, poster, and podium sessions.**

- Cost-effectiveness Analysis of Morphine Monotherapy versus Fentanyl Monotherapy in the Management of Neonates Undergoing Mechanical Ventilation in the Intensive Care Setting (Poster). 23rd ISPOR International Meeting. Baltimore Convention Center, Baltimore, USA. May 19-23, 2017 - Pharmacoeconomics Analysis of Morphine Monotherapy versus Morphine and Midazolam Combination for Critically Ill Neonates Undergoing Mechanical Ventilation (Poster). 23rd ISPOR International Meeting. Baltimore Convention Center, Baltimore, USA. May 19-23, 2017 - Prevalence of and barriers to medication adherence in patients with uncontrolled diabetes mellitus in primary health centers in Qatar: a quantitative analysis. (Poster). ISPOR 20th Annual European Congress. Glasgow, UK. November 4 - November 8, 2017.

**Describe any regional patient engagement activities.**

**Activities organized for students or new professionals.**

Students or new professionals were part of the attendees of the educational activities discussed above. No special activities were provided to this cohort in particular.

**Chapter affiliations with any institutions, universities, government, or associations (other than ISPOR).**

No

**Does your Chapter have any agreements of sponsorship arrangements with any for-profit companies, governments, health authorities, or associations?**

No

**Chapter (as a group, not as individual members) formal comments or responses to any government or health authority.**

No

**Chapter Groups**

**HTA in your Chapter's country or region.**

Our country/region does not require HTA for national/regional pricing/reimbursement decisions on healthcare technologies.

Our Chapter provides training/education in HTA.

An educational workshop given in 2017 was about the cost-effectiveness of healthcare technologies

**Is your Chapter officially registered with regional authorities in your country?**

No

**Does your Chapter employ paid administrative or management staff (Association Management Company, contracted staff)?**

No

**Other than the page for your Chapter on the ISPOR website, does your Chapter maintain a website?**

No

**Does the Chapter have a bank account?**

No

**Official organizational email address?**

No

**How can the ISPOR organization as a whole (Staff, Board, Consortia, Networks, etc.) better support your Chapter?**

Due to recent political issues in Qatar, there are big budget cuts at all levels. The Chapter never utilized ISPOR funds in the prior years. This is an issue that the Chapter will want to inquire about with the ISPOR organization. Also, it is better if the requirement of having minimum number of ISPOR memberships in the Chapter is not universally applied to Chapters. This is because the Qatari population is relatively volatile, with professionals quickly moving in and out of the country based on income. It may not be always easy to ask individuals to invest time and effort in the activities of the Chapter, and then also to pay membership fees. If the members can at least be exempted from fees or full fees, will be ideal.

**3 challenges the Chapter is facing at the start of 2018.**

Nominating a new president elect

Increasing the number of ISPOR memberships to as per the constitution

Involving members from the ministry of health

**Current Chapter members.**

2017 ISPOR Qatar Chapter Executive Committee and Members.pdf

**CV for the Chapter President.**

Curriculum Vitae, Daoud Al-Badriyeh, for ISPOR, Feb 2018.pdf

**Chapter's Annual Work Plan.**

2018 Qatar Chapter Regional\_Chapter\_Annual\_Work\_Plan.pdf

**Who prepared this report.**

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**FCPA Agreement**

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