



Qatar University CPD-HP

November 2021 Newsletter



CHAIR'S UPDATE

Welcome to QU CPD-HP's November newsletter. In this edition you will find details of QU Health CPD upcoming events a highlights of the most recent activities.

Firstly on behalf of the CPD team, we would like to thank CPD participants at recent events for their interactions and contributions during the educational activities. We recognize that many participants attending our events have significant expertise in the subject areas being discussed. Sharing your stories and personal experiences provide valuable insight into the local context for other attendees and we sincerely encourage continued participation in future sessions.

OCTOBER HIGHLIGHTS

In October, QU Health CPD-HP hosted Dr Muna Al-Maslamani, Medical Director of the Communicable Disease Center in Qatar. Her high relevant and interesting presentation focused on antimicrobial resistance, in which she provided rich insight into the local challenges faced with managing this global threat and discussed the strategies that Qatar has employed through their comprehensive antimicrobial resistance programs. The event welcomed participants from all health fields, many of who were able to share their personal experiences and insightful questions which further enriched the educational activity.

QU Associate Professor Dr Susu Zughaier acted as moderator for the event and commented afterwards, "Antimicrobial stewardship is the most critical response to mitigate antimicrobial resistance threat. Therefore, educating healthcare professionals about antimicrobial stewardship elements including proper use of antibiotics, mechanisms of antimicrobial resistance (AMR), surveillance, infection prevention and drug discovery research are important for AMR awareness".

After the event, QU Health CPD coordinator Dr Zachariah Nazar thanked Dr Muna and Dr Susu for their continued support and commitment for their significant contributions to the QU Health CPD community.

More recently, QU Head of Clinical Education, Dr Hazem Elewa provided profoundly important and extensive information on COVID-19 associated thrombosis. This topic was delivered at a time where there continues to be emerging evidence being published which conflicts with existing understanding. Dr Hazem eloquently summarized and appraised the evidence-based literature to describe the current assessment in determining the need for anticoagulation therapy in COVID-19 and post-COVID-19 patients.

QU Health Clinical Lecturer, Dr Muna Al Ismail moderated the event, and provided her insights on the topic, "In light of the current COVID-19 pandemic and with the incessant discoveries to prevent the complications that come with this disease, this CPD session was an excellent opportunity to provide health care professionals with the recent updates about COVID-associated thrombosis and the current available evidence in treating and preventing that complication. In addition, the session generated interesting dialogue between various clinicians, who shared their own perspectives on the topic."

If you missed these events or would like to watch them again, the recordings may be accessed for free via YouTube. The link appears on the events page of the QU Health CPD website.

HOW TO GET INVOLVED

If you have a CPD idea that you would like to propose, please contact us. We can help you identify local experts to work with in developing your ideas. We would also like to hear from our participants. If you've recently attended one of our events, share your experiences using the contact info provided.

Upcoming Events

Common misconceptions: Nutrition and Sports
Nov 1 | 6-7.30 PM

Graphene for Biomaterials and Craniofacial Tissue Engineering
Nov 4 | 12:30-1.30 PM

Communication Skills in Clinical Practice
Nov 15 | 6-7.30 PM

Pain Management: A practice update
Nov 29 | 6-7.30 PM

Parkinson's Disease: A local perspective.
Dec 6 | 6-7.30 PM

CPD Highlights

What is Antimicrobial Resistance?

EUROPE'S FIGHT AGAINST ANTIMICROBIAL RESISTANCE

WHAT IS ANTIMICROBIAL RESISTANCE (AMR)?

- Antimicrobials?** Substances used to treat a wide variety of infectious diseases in humans and animals. They are essential medicines that help people overcome bacterial, viral, fungal and parasitic infections. Examples: antibiotics, antivirals, antifungals, antiparasitics.
- Antimicrobial resistance?** The ability of microorganisms to resist the action of antimicrobials. Examples: AMR in common resistant pathogens, AMR in antibiotic-resistant bacteria, AMR in antibiotic-resistant viruses.
- Why is resistance growing?**
 - Overuse of antibiotics
 - Misuse of antibiotics
 - Spread through various routes
- Effect of growing resistance?**
 - Longer hospital stays
 - Higher medical costs
 - Increased risk of death

Therapeutic Anticoagulation in Critically Ill Hospitalized Patients with Covid-19 Preliminary Report

Multiplatform RCT

SEVERELY ILL HOSPITALIZED COVID-19

High-risk patient

ECMO

Therapeutic anticoagulation

Small Case pharmacological characteristics of the pharmacologic (S) members

Probability of infarction = 89%

Major bleeding

3.1% (15/482)

99.8% (12/12) Proportion probability of safety

2.4% (12/482)

CONCLUSIONS: In patients with severe Covid-19, therapeutic anticoagulation did not improve hospital survival or days free of organ support compared to usual care pharmacological thromboprophylaxis.

