



QU Health CPD Certificate Pharmacogenomics

Target Audience:
All Healthcare Professions

Organization Code: AGI-03



SCAN ME

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<http://www.qu.edu.qa/health/CPD-HP/calendar>

The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.

"This activity is an Accredited group learning activity (Category 1) as defined by the Ministry of Public Health's Department of Healthcare Professions—Accreditation Section and is approved for a maximum number of 11.25 Hour."

"CPD-HP (QU—Health) is accredited by Ministry of Public Health Department of Health Professions—Accreditation Section (DHP—AS) as a provider of continuing professional development"

ACTIVITY 1: AN INTRODUCTION TO PHARMACOGENOMICS (PG)

LIVE WEBINAR

18 Oct 2022 18:00 -19:30

Lead: Dr Hazem Elewa

LEARNING OBJECTIVES:

- Discuss the rationale for PG use to optimize medication use.
- Identify key concepts, and resources that enable PG to be used to optimize drug therapy.
- Define and explain basic genomic and PG terminology.
- Describe PG testing methods.

ACTIVITY 2: RESOURCES, EVIDENCE & IMPORTANT PHARMACOGENES

LIVE WEBINAR

25 Oct 2022 18:00 -19:30

Lead: Dr Hazem Elewa

LEARNING OBJECTIVES:

- Illustrate the process to assess clinical actionability of specific gene-drug pairs using medical evidence.
- Identify appropriate frameworks to evaluate PG information.
- Describe the most common pharmacogenes involved in drug metabolism.
- Explain relationship between genetic polymorphisms and enzyme activity.
- Discuss gene-specific differences when interpreting PG results related to drug metabolism



ACTIVITY 3: GUIDELINES AND INFORMATICS

CLASSROOM BASED

30 Oct 2022 18:00 - 20:30

Lead: Dr Hazem Elewa

LEARNING OBJECTIVES:

- Discuss sections of the CPIC® guidelines and their relevance to practice.
- Describe major PG guideline writing groups.
- Identify & describe the role of the various PG resources.
- Apply appropriate PG resources to clinical cases.
- Explain the importance of informatics to support the implementation of PG in clinical practice through clinical decision support.
- Describe common informatics terms, concepts and resources for their use in PG

ACTIVITY 4: CLINICAL APPLICATION OF PG I

CLASSROOM BASED

27 Dec 2022 18:00 - 20:30

Lead: Dr Hazem Elewa

LEARNING OBJECTIVES:

- Describe the utility and considerations for PG testing in the selection and management of a range of conditions.
- Interpret evidence-based guidelines for various genotyping to guide therapy for a range of conditions.
- Discuss evidence-based recommendations for patients with various genotyping for a range of conditions



ACTIVITY 5: CLINICAL APPLICATION OF PG II

CLASSROOM BASED

3 Jan 2023 18:00 - 20:30

Lead: Dr Kholoud Bastaki

LEARNING OBJECTIVES:

- Describe the utility and considerations for PG testing in the selection and management of a range of conditions.
- Interpret evidence-based guidelines for various genotyping to guide therapy for a range of conditions.
- Discuss evidence-based recommendations for patients with various genotyping for a range of conditions