



MedEdu Tabuk



**Weekly Newsletter of the Department of Medical Education, Faculty of Medicine,
University of Tabuk**

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Activity

Meeting of The Medical Education Committee

Time and Date: 12:00 noon. Wednesday, 28th of December, 2016

All Committee members are requested to attend

Faculty Development Program

Simulation in Medical Education Dr. Ahmed Salman

Shortage of clinical teaching and risk from clinical training on real patients, moreover difficulties in assessment of learner's competency alter the training in clinical procedures from learning on patients' towards simulation based training. There are many types of simulation used in medical training as task trainer on specific task, manikin-based, standardized patient, virtual reality and tissue-based simulation. Simulation is not a tool to replace other modes of learning, but a powerful adjunct. However learners still need to apply their learning in the real world, under supervision to achieve high level of clinical competence. For further reading, please refer to [PDF attachment](#).

Reader's Corner

Characterization of drug-specific lymphocyte responses in a patient with drug-induced liver injury – Dr. Sabah Hussien El-Ghairesh

Drug-induced liver injury (DILI) clinical presentation ranges from asymptomatic elevated liver enzymes to life-threatening fulminant hepatitis. Recently, Antibiotic-induced DILI are reported with amoxicillin-clavulante and flucloxacillin. This study involved a patient presented with trimethoprim-induced liver injury. The patient was admitted to hospital in the fourth week of trimethoprim medication for acne with fever, desquamating rash, pruritus and elevated liver enzymes. Blood samples were taken for this immunologic studies 3, 12, and 24 months after recovery. Peripheral blood mononuclear cells (PBMCs) showed strong response to trimethoprim. Furthermore, the cytokine and chemokine profile were characterized on the Trimethoprim-specific clones generated from patient's PBMCs. In KSA, the incidence, mechanisms and pharmacogenetics of antibiotic-induced liver injury still require to be investigated. For further reading please refer to [PDF attachment](#).

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