**Call for Papers on ICCMIT 2015:**

**“Utilisation Factors for Medical and Biomedical Equipment”**

**Organized by:**

Associate Professor AbdulKareem jabali

Assistant Professor Abdelaziz Matani

Assistant Professor Dr Khalid Farid

University of Dammam

College of Applied Medical Sciences

Dammam – Eastern Province

Kingdom of Saudi Arabia

E-mail: [amatani@uod.edu.sa](mailto:amatani@uod.edu.sa)

**Objective and Motivation**

Medical and Biomedical Equipment Utilisation is the measure of how effective the use of such equipment is within medical establishments. Factors that influence this utilisation are mainly: Volume of Use, Procedural Workflow, Trends of Use, Cost Involved, Imaging Duration, Quality Management, Quality of Service, Waiting List, Imaging Efficiency, Staff Technical and Medical Experience, Number of Used Equipment, Communication Efficiency, Organisation Strategies and Priorities, External Threats: Competition, Total Working Hours, Monitoring Capabilities, Organisation Facilities and Resources, Consistency of Use, Referral Policies and Procedures, Culture, Standards of Living and Education. Other factors might be added for special cases. Exploring relationships between these factors and identifying the dominant factors amongst them will help medical establishments to increase their productivity and serve patients more effectively.

In this conference session titled *“Utilisation Factors for Medical and Biomedical Equipment”* we will explore these factors for some of these equipment such as MRI and CT machines and will show some case studies for medical establishments in the Middle East compared to others in various areas around the world. The session welcomes all related papers from all kinds of medical establishments that use all types of Medical and Biomedical equipment.

**Scope and Interests**

This research aims to measure, weigh and analyse the interactive influence of utilisation factors within medical establishments around the world. Information about these factors are normally readily available and can be obtained from medical establishments’ database and records. The aim after such analyses is to overcome utilisation difficulties and to properly address over usage, assess referrals, identify potential under-over use, establish a smooth and effective usage workflow and inform ministries of health about equipment currently and in the future. Then a strategy can be established to anticipate better utilisation and establish informed policies and rules in this regard.

**Paper Submission Important Dates**

###### All instructions and templates for submission can be found in the ICCMIT 2015 web site: <http://www.iccmit.net/>. Please, contact the special session organizers if you are planning to submit any paper.

###### Paper submission: until February 28, 2015 Notification of acceptance: March 7, 2015 Final paper submission and authors camera ready: March 15, 2015 Conference Dates: April 20-22, 2015