



Kingdom of Saudi Arabia  
National Guard Health Affairs  
King Abdulaziz Medical City, Riyadh



## DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE

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### ELECTRON MICROSCOPY

Division of ELECTRON MICROSCOPY organized with the help of organizing and scientific committee under the guideline and leadership of Dr. Abdulaziz Al Ajlan, Chairman of Pathology Lab., conducted the **"1<sup>st</sup> International Seminar on Application of Bio-Nano Technology in Medicine"** held in Marriot Hotel last 15<sup>th</sup> and 16<sup>th</sup> of September, supported by NGH, JEOL and AL GOSAIBI.

There were 4 International speaker under the leadership of Dr. Toru Maekawa, Director Bio-Nano Electronics Research Center – Toyo University Tokyo Japan. And 4 local speakers under the leadership of Dr. Abdulaziz Al

Ajlan, Chairman of DPLM, NGH.

10CME hours was accredited by the Saudi Council Health Specialties for this seminar with more than 200 participants attended the event.

The event was a success with Miss Ikram Al Hassan and Mr. Saleem Baig tremendous hardwork.

School of ELECTRON MICROSCOPY started last 07 September 2014 and it follows the curriculum of Toyo University Tokyo Japan.

Chief Editor:

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## CHEMISTRY

1. The Chemistry Lab conducted Lean Assessment last June 2013 by Abbot consultants consisting of Lean Six Sigma Black belt with the goal of improving workflow by eliminating or streamlining unnecessary processes. Some of their recommendations were implemented in Chemistry lab and thus we received the following Lean Improvements:
  - Redesigning of Chemistry Lab to improve workflow
  - Paperless verification using the Data Innovation's work list
  - Auto verification of Normal results
  - Centralization of UPS for all Instruments
2. New assays on IDS instrument were introduced including 1,25 Vit. D, Renin and Aldosterone
3. New BN2 instrument in process of validating Free Kappa and Lambda
4. Completed the Body Fluid validation which is the First not only in Saudi Arabia but in the whole of Middle East

## MICROBIOLOGY

Microbiology is pleased to announce the availability of 3 new tests in the Molecular Lab

- MRSA PCR from non-nasal sources
- GBS PCR
- VRE PCR

Microbiology Lab welcomes a new staff Miss Alla Khawaji.

## HEMATOLOGY

The Hematology Lab is monitoring 4 Quality Key Indicators to improve the service quality:

- TAT report (Turnaround time report)
- Test Cancelled report
- ECR (Error Correction Report)
- Reporting Critical Laboratory Result

The Hematology Lab conducted continued case study sessions as part of the continuing staff education.

Hematology Lab wishes to congratulate Miss Jill Boongaling for being promoted to Med. Tech I.



HLA lab wishes to congratulate Dr. Ali Hajeer and Miss Aisha Alanazi for attending the ASHI-40<sup>th</sup> Annual Meeting (American Society for Histocompatibility & Immunogenetic) held in Denver, Colorado, USA on 20-24 October 2014.

And welcomes two new staffs:

- Mohammed Alzahrani – joined on 24 August 2014
- Asma Al Blaihed – joined on 12 October 2014



The Receiving and ACC Lab welcomes 4 new staffs:

- Rashidah Al Zahrani – Data Entry Clerk in ACC
- Katherine Morante – Phlebotomist
- Geoffrey Gayaso – Phlebotomist
- Renelyn Laugan - Phlebomotist