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In this edition, these topics and more....

- Use of CURB-65 scoring in Community Acquired Pneumonia
- Pre-Operative Optimization of Surgical Patients
- The Scope of Medical Education in Egypt
- Issues Surrounding Childhood Stroke: A Case Report and Review of the Literature
- The Use of Geometric Morphometrics as a New Method to Analyse Glenoid Bone Loss after Shoulder Dislocation
- An Overview of Sutures in Surgical Practice
- Operating Theatre: Essential Concepts and Procedures
About WJMER

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2nd Kolkata Annual Research and Medical International Congress (KARMIC), India, 2013: A Report

Mr Shubhajit Dutta
Medical Student
Bankura Sammilani Medical College
West Bengal, India
National Executive Member, Indian Medical Student Association

Address for correspondence: info@karmic-imsa.in

Dr Kalpajit Banik, MBBS
Agartala Government Medical College
Agartala, India
Senior Vice President
Indian Medical Student Association

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The term ‘KARMIC’ is derived from the Sanskrit word “karma”, which means “deed” or “act” and more broadly means the universal principle of cause and effect, action and reaction, that governs all life, KARMIC also believes in the deed/act of exchange and sharing of knowledge to have the effect of enlightenment of the budding medical minds. Swami Vivekanda said, “Let there grow a KARMOYOG among the youth.” With great respect to the Indian culture, Indian Medical Students’ Association (IMSA) named its annual conference as KARMIC. The previous edition of KARMIC was a huge success among the medical students and thereby established itself as one of the finest and largest undergraduate medical conferences of India. The Congress has proved to be a congregation of the upcoming pioneers of medical science of the country. It also brought together the Indian and the Global Medical students’ fraternity on a common stage to bridge the gap by exchange of knowledge and experiences.

Figure 1: Logo of KARMIC 2013.

After the success of last year, IMSA had the immense task of ensuring a bigger and better KARMIC in the 2nd year of running this event in 2013. In the pursuit of excellence IMSA did what was never done before in any medical students’ conference of the country. The Organizing committee created a milestone by having Dr. John Robin Warren, Nobel Laureate in Medicine in the year 2005 for his discovery of Helicobacter pylori as the Chief Guest of KARMIC-2013.

Figure 2: Nobel Laureate Dr. John Robin Warren delivering his Keynote Address. (Inset: The Original Golden Nobel Medallion).

And as it is said accomplishments are not possible without the support of others, IMSA is grateful to the Indian Council of Medical Research (ICMR), National Institute of Cholera and Enteric Diseases, IIEMS and last but, not the least Doctors Academy, UK for the support and help they have bestowed upon us in organizing the Kolkata Annual Research and Medical International Congress – KARMIC 2013.

Doctors Academy (www.doctorsacademy.org) is an International Consortium of Doctors, Dentists and Scientists that undertakes a diverse range of educational activities globally. The aim of the Academy is to disseminate information, and exchange medical knowledge, technical and technological expertise between the professionals working in varied health care settings in resource-rich and resource-poor nations. The relation with Doctors Academy has been special.
Doctors Academy has played a crucial role of helping us as the Knowledge Partner of IMSA since, KARMIC 2012 and then in HAMSA-2012 and now in KARMIC 2013.

This year KARMIC was hosted by Medical College, Kolkata, Asia’s first medical college\(^2\) on the 12-14 April 2013. The event was divided into workshop sessions on April 12 and paper presentations and deliberations on April 13 - 14.

Day 1 - Workshop Day
Day 1 witnessed medical and dental students from different corners of the country actively take part in the following workshops:
- Problem Based Learning by Dr. Stuart Enoch, Doctors Academy, UK
- Communication Skills and CRIMP by Dr. Stuart Enoch, Doctors Academy, UK
- “Conducting Medical Research : Tools & Techniques” at NICED, Kolkata
- Dental Implants
- Laser in Dentistry at R.Ahmed Dental College, Kolkata
- Evidence Based Medicine, titled "Remedium".
- "Artificial Intelligence in Medicine".

The workshops on PBL, Communication Skills and CRIMP were undertaken by the eminent medical educationalist Dr. Stuart Enoch. His teaching style was highly interactive, compared to the unidirectional lecturing style. Case based scenarios with real life emergencies were discussed and practical tips to deal with these situations helped consolidate knowledge that may be difficult to remember by just reading out of the textbook. The doctor-patient interaction session was particularly appealing as the audience were invited to participate actively. The Curriculum of Resource Independent Medical Practice (CRIMP) also accomplished its aim of providing the students, the majority of whom belong to resource poor areas of India and Bangladesh, a structured framework and appropriate guidelines to undertake the best practice within the constraints of the available infrastructure and resources.

**National Anatomy Challenge**

Perhaps, the most awaited and the best session of KARMIC-2013 that created a lot of stir among the participants was the "National Anatomy Challenge". The ‘National Anatomy Challenge for Indian Medical Colleges - 2013’ was perhaps the first of its kind run by Doctors Academy in India. The first initial screening round was held in the multiple workshop venues simultaneously. The next rounds which were organized on the second day of the conference were even more exciting as the participants gave their best effort with zeal to stream
through the pre-quarter finals, quarter finals, semifinal and finals. This was done on a strict knock-out basis and finally Mr Debmoy Ghatak from Kolkata emerged as the National Champion in the event. Doctors Academy was kind enough to award the winner with direct free entry into the World Anatomy Challenge to be held at Manchester, UK later in the year in August, 2013. In this context it has to be mentioned that this is the same competition where Ms Prachi Pophali, from Maharashtra who was the overall winner of KARMIC’12 emerged victorious in last year’s World University Anatomy Challenge.

Guest Lectures
The biggest highlight of KARMIC for years to come was the keynote-lecture by Dr. John Robin Warren about his discovery of Helicobacter pylori and its role in pathogenesis of gastric ulcer. His eloquent description of the research he undertook, the initial serendipitous nature of his discovery, the early challenges, and finally the global acclaim and recognition that culminated in him winning the Nobel Prize in Physiology/Medicine in 2005 along with Dr Barry Marshall was both stimulating and captivating.

Other sessions witnessed
• An interactive session on ethics by Dr Dipanjan Mukherjee, Professor of Medicine, CNMC
• Lecture and discussion on cadaveric kidney transplant program by Dr Edwin Fernando, eminent Nephrologist from Chennai.
• Lecture by Dr. Sanjay Mehendale, Director, National Institute of Epidemiology(ICMR)
• Session on Chloroquine Sensitivity by Dr. A Mahapatra, Scientist, RMRC, Bhubaneswar
• Interesting and engaging Lecture by Dr. S. Panda, Scientist, NICE, Kolkata
• And yet another interactive session by Dr. Stuart Enoch, Doctors Academy, UK

Student Presentations
The student presentations were divided into Oral and Poster sessions where a total of 116 scientific papers and 12 case reports were presented by the medical students. All the 10 session winners were again given a second chance to present their research work on the last day of the conference to compete for the much coveted champion’s trophy and a direct entry into the 5th International Medical Summer School (http://www.doctorsacademy.org/AcademyCMS/default.asp?contentID=769) and 3rd International and Academic Research Conference (http://www.doctorsacademy.org/AcademyCMS/default.asp?contentID=938) to be held at Manchester, UK in August, 2013. Mr Supreet Khare from AFMC, Pune was judged the overall winner by the esteemed panel of Judges headed by Dr. TK Lahiri, Principal, Medical College Kolkata and Dr. TK Bose, Prof. and HOD, WBUHS.

Project MDM presentation
At KARMIC 2013 were also presented the results of the Phase-I of the nationwide research project carried out by Research-Wing IMSA titled Project-MDM (Malnutrition & Delayed Milestones), a Community research project.

In a nutshell, KARMIC 2013 was a hub of medical professionals who furnished the medical students with immense knowledge and new opportunities in the field of medicine. The overwhelming support of Doctors Academy, ICMR and Medical Students took KARMIC 2013 through its path of success...!

References:

Figure 6: Dr. A. Mahapatra, ICMR, one of the esteemed Guest Speakers of KARMIC 2013.

Figure 7: The organizing team of KARMIC 2013 with Dr Stuart Enoch.
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