Day 1  April 28, 2016

09:00-09:30  Registrations

Grand Hall A

**Opening Ceremony**

09:30-10:00

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**Keynote Forum**

10:00-10:40  Decompressive Craniectomy for Malignant Middle Cerebral Artery Infarction: Preliminary Experience of a Tertiary Care Center from Saudi Arabia and Current Recommendations

Saleh Baeesa
King Abdulaziz University, Saudi Arabia

Networking & Refreshment Break @ 10:40-11:00

11:00-11:40  Dehydration exacerbates cerebral microvascular responses to hyperthermia

Mohamad Fayez Al Homsi, University of Sharjah, UAE

11:40-12:10  Cardio embolic stroke: A review

Shireen Qureshi
Johns Hopkins Aramco Healthcare, Saudi Arabia

12:10-12:40  Outcome of Intracranial Arterial Stenting of Symptomatic Atherosclerotic Disease: A Single Center Experience from Saudi Arabia

Saleh Baeesa, King Abdulaziz University, Saudi Arabia

12:40-13:10  Endovascular Management for Tandem Occlusions of Anterior Circulation: Systematic Analysis of 99 Patients from Literature

Ibrahim Alnaami, King Khalid University, Saudi Arabia

Lunch Break 13:10-13:55 @ Restaurant 971

13:55-14:25  Post Stroke Depression

Wai Kwang Tang, The Chinese University of Hong Kong, Hong Kong

14:25-14:55  Using a ligand-directed thrombotic agent in an animal model of Arteriovenous Malformation (AVM) to induce vascular occlusion

Hari Priya Bandi, Macquarie University, Australia

14:55-15:25  Effect of dietary ginger and turmeric rhizomes on ectonucleotidases, adenosine deaminase and acetylcholinesterase activities in synaptosomes from the cerebral cortex of hypertensive rats

Ayodele Jacob Akinremi, Afe Babalola University Ado-Ekiti, Nigeria

Networking & Refreshment Break @ 15:55-16:15

16:15-16:45  The potency of Adeno-Associate Viruses in Direct Reprogramming of Astrocytes to Neurons in Stroke Models Across Three Experimental Species: Are We On The Right Path?

Mohammed Mansi, University of Minnesota, USA

16:45-17:15  Correction of structural changes in stroke Ischemic Tissues in the Central Nervous System (CNS) by trophinotropine "Cerebral"

Oleksandr Makarenko, Taras Shevchenko National University of Kyiv, Ukraine

Session on: Cerebrovascular Disorders and Stroke

**Session Chair:** Saleh Baeesa, King Abdulaziz University, Saudi Arabia

Session Co-Chair: Margherita Di Paola, LUMSA University, Italy

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Session on: Therapeutic Approaches for Neurological Disorders & Stroke

**Session Chair:** Mohammed Mansi, University of Minnesota, USA

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Oleksandr Makarenko, Taras Shevchenko National University of Kyiv, Ukraine

Networked & Refreshment Break @ 10:40-11:00
### Keynote Forum

**09:30-10:15**  
Toward an Arabic Scales of Cognitive and Communicative Ability for Neuro-rehabilitation  
Yusuf Al-bustanji  
United Arab Emirate University, UAE

### Session on: Stroke Rehabilitation and Recovery

**Session Chair:** Yusuf Al-bustanji, United Arab Emirate University, UAE  
**Session Co-Chair:** Antonio Incisa della Rocchetta, Wellington Hospital, UK

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>13:45-14:15</td>
<td>Prospective pilot randomised case controlled study on use of optokinetic chart stimulation for recovery of completely hemiplegic acute strokes</td>
<td>Benjamin Chitambira</td>
<td>East Kent Hospitals University NHS Foundation Trust, UK</td>
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<td>14:15-14:45</td>
<td>Primary motor cortex and “true” motor recovery in chronic stroke</td>
<td>Ali Bani-Ahmed</td>
<td>University of Tabuk, Saudi Arabia</td>
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<td>14:45-15:15</td>
<td>Prolonged disorders of consciousness- the assessment and therapy pathway</td>
<td>Antonio Incisa della Rocchetta</td>
<td>Wellington Hospital Acute Neurological Rehabilitation Unit, UK</td>
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<td>15:15-15:45</td>
<td>Decompressive Hemicraniectomy for Malignant Middle Cerebral Artery Stroke: A Case Series of a Single Center in Saudi Arabia</td>
<td>Saleh Baeesa</td>
<td>King Abdulaziz University, Saudi Arabia</td>
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<td>15:45-16:15</td>
<td>Using advanced technology to maximise patient outcomes in Stroke Rehabilitation</td>
<td>Tamsin Reed</td>
<td>Wellington Hospital Acute Neurological Rehabilitation Unit, UK</td>
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### Poster Presentations 18:15-19:00 @ Foyer

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<th>Poster</th>
<th>Title</th>
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<tr>
<td>P1</td>
<td>Effect of Diabetes on hippocampal gene expression</td>
<td>Jency Thomas</td>
<td>La Trobe University, Australia</td>
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P2 Difference in weight distribution according to upright standing methods in hemiplegic patients  
Shi-Uk Lee, Seoul National University, Korea

P3 The effectiveness of a self-management program in preventing complications, promoting self-efficacy and health status in people with spinal cord injury  
Hsiao-Yu Chen, National Taichung University of Science and Technology, Taiwan

P4 Effect of Voluntary Running on Expression of Myokines in Brains of rats with Depression  
Magda A. Eldomiaty, Taibah University, Saudi Arabia

P5 Patterns of hospital admissions of Stroke Patients to Ibsen SINA teaching Hospital, Sirte Libya  
Mohammed Sohail Abar, Avalon University School of Medicine, The Netherlands Antilles

P6 Rehabilitation after Traumatic Brain Injury – My First step…  
Raquel Neves, Amana Healthcare Medical and Rehabilitation Hospital, UAE

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<th>Day 3</th>
<th>April 30, 2016</th>
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<td><strong>Grand Hall A</strong></td>
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**Keynote Forum**

10:00-10:45  Multi-faceted stroke care  
Hosam Al-Jehani  
Dammam University, Saudi Arabia

Networking & Refreshment Break 10:45-11:10 @ Foyer

Corporate Sponsored Session; Amana Healthcare Group

| 11:10-11:40 | Patient and Family education in Stroke Rehabilitation  
Robert Dorsett, Amana Healthcare, UAE |
|-------------|---------------------------------------------------------------|
| 11:40-12:10 | Role of Rehabilitation in Multiple Sclerosis  
Khalid Anwar, Amana Healthcare, UAE |
| 12:10-12:30 | Spasticity Management in a Sub-Acute and Chronic Care Setting in The UAE.  
Ruairi Ó Broin, Amana Healthcare, UAE |

Lunch Break 12:30-13:10 @ Restaurant 971

**Workshop on**

13:10-14:10  Completing the rehabilitation continuum in UAE: Enabling Community Care & Participation  
Margeaux Blignaut & Patricia Smith, Amana Healthcare Medical and Rehabilitation Hospital - Al Ain, UAE

Session on: Neurological and degenerative disorders  
Session on: Stroke and its Management

Session Chair: Margherita Di Paola, LUMSA University, Italy

| 14:10-14:40 | Morphological changes of the peripheral nerve of rats after damaging and pharmacological corrections by neuropeptide agents  
Oleksandr Makarenko, Taras Shevchenko National University of Kyiv, Ukraine |
|-------------|-----------------------------------------------------------------------------|
| 14:40-15:10 | Endovascular and surgical treatment of neurovascular diseases, the cross roads  
Hosam Al-Jehani, Dammam University, Saudi Arabia |

Networking & Refreshment Break: 15:10-15:25 @ Foyer

**Workshop on**

15:30-16:30  Advanced Homecare - Prothrombin Time (INR) Testing in a Home Setting  
Michael Redmond, Amana Healthcare Medical and Rehabilitation Hospital - Al Ain, UAE

Closing Ceremony

PeerPoint Medical Education Institute designates the live format for this educational activity for AMA PRA Category 1 Credits™.  

Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity has been approved for 21.5 AMA PRA Category 1 Credit™.