**Mini Symposium: High Grade Glioma**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Duration</th>
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<tbody>
<tr>
<td>08:00 - 08:15</td>
<td>Genetics of high grade glioma</td>
<td>15 min.</td>
</tr>
<tr>
<td></td>
<td>Dr. Shaker Abdulla</td>
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<tr>
<td>08:15 - 08:30</td>
<td>Resection of high grade glioma in 2015</td>
<td>15 min.</td>
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<td></td>
<td>Dr. Ahmad Iary</td>
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<tr>
<td>08:30 - 08:40</td>
<td>Adjuvant high grade glioma management</td>
<td>10 min.</td>
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<td></td>
<td>Dr. Abdulrazzaq Aljan</td>
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<tr>
<td>08:40 - 08:50</td>
<td>Epidemiology of glioblastoma and high grade glioma in Saudi Arabia</td>
<td>10 min.</td>
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<tr>
<td></td>
<td>Dr. Ali Salehbad</td>
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<tr>
<td>08:50 - 09:00</td>
<td>Discussion</td>
<td>10 min.</td>
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**Scientific Session 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Duration</th>
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<tbody>
<tr>
<td>09:00 - 09:07</td>
<td>Different Approaches and Outcome of Surgery for Tumors of the lateral and third ventricle: An institutional series of 42 patients</td>
<td>7 min.</td>
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<tr>
<td></td>
<td>Dr. Sherif Elrod</td>
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</tr>
<tr>
<td>09:07 - 09:14</td>
<td>Association between 8-aminolevulinic dehydratase G177C polymorphism and blood lead levels in brain tumor patients</td>
<td>7 min.</td>
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<td></td>
<td>Dr. Mahmoud M.Taha</td>
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<tr>
<td>09:14 - 09:21</td>
<td>A Unique Integrated System to Discern Pathogenesis of Central Nervous System Tumors</td>
<td>7 min.</td>
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<td>Dr. Saleh Baresa</td>
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<tr>
<td>09:21 - 09:28</td>
<td>Is intraoperative MRI feasible for non-university department as well ? 4-years experience of &quot;Dual-use-MRI&quot; for intraoperative procedures and outpatients</td>
<td>7 min.</td>
</tr>
<tr>
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<td>Dr. Mohammed Yaqout</td>
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<tr>
<td>09:28 - 09:35</td>
<td>Effects of Repetition of Technical Skills Independent of External Instruction on Surgical Performance Using Virtual Reality Surgical Simulator NeuroTouch</td>
<td>7 min.</td>
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<td></td>
<td>Dr. Morsh Al-Mafsi</td>
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<tr>
<td>09:35 - 09:42</td>
<td>Hemorrhagic Glioblastoma Multiform: Prevalence, Predisposing Factors and Prognosis Among Adult KFMC Patients</td>
<td>7 min.</td>
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<td></td>
<td>Dr. Saad Al-Maimouni</td>
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<tr>
<td>09:42 - 09:49</td>
<td>Decision making in jugular foramen tumors</td>
<td>7 min.</td>
</tr>
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<td></td>
<td>Dr. Essam Saleh</td>
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</tbody>
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**Coffee Break**

09:50 - 10:15
## 10th Saudi Association of Neurological Surgery
### A DECADE OF SANS TOWARDS A BRIGHTER TOMORROW
#### Annual Conference | 1 - 3 March 2016, The Ritz Carlton, Riyadh.

| Time       | Event                                                                 | Speaker(s)                                           | Duration |
|------------|                                                                      |                                                     |          |
| 10:15 - 11:15 | **Keynote Speeches**                                                  |                                                      |          |
| 10:15 - 10:40 | CP Angle Tumor                                                        | Dr. Emaad Kanaan                                     | 25 min.  |
| 11:05 - 11:15 | Discussion                                                            |                                                      | 10 min.  |
| 11:15 - 12:15 | **Vascular Neurosurgery Debates**                                     |                                                      |          |
| 11:15 - 11:35 | Should we treat this aneurysm (<7 mm) in asymptomatic patient?        | Dr. Khalil Kundi : Pro                               | 10 min.  |
| 11:35 - 11:45 | Discussion                                                            | Dr. Hosam Al-Jahani : Con                            | 10 min.  |
| 11:45 - 12:05 | Un-ruptured AVM, to treat or not to treat?                            | Dr. Yasser Oty : Pro                                 | 10 min.  |
| 12:05 - 12:15 | Discussion                                                            | Dr. Bassem Sheik : Con                               | 10 min.  |
| 12:20 - 12:50 | Lunch with Lead Company - Main Hall                                   |                                                      | 30 min.  |
| 13:00 - 15:20 | **Opening Ceremony**                                                   |                                                      |          |
| 13:00 - 13:03 | Opening Remarks and Holy Quran                                       |                                                      | 3 min.   |
| 13:03 - 13:06 | Welcome by the Conference President                                  | Dr. Amro Al-Haibb                                    | 3 min.   |
| 13:06 - 13:09 | An Overview by the Scientific Committee Chairman                     | Dr. Abdulrahman Sabbagh                              | 3 min.   |
| 13:09 - 13:14 | Speech of the Rector of King Saud University                          | Dr. Badran Al-Omar                                   | 5 min.   |
| 13:19 - 15:27 | **Towards A Brighter Tomorrow Symposium**                             |                                                      |          |
| 13:19 - 13:22 | Introduction into Dr. Russell lecture                                | Dr. Ahmad Alferayan                                  | 3 min.   |
| 13:47 - 14:17 | A personal memoir                                                    |                                                      |          |
| 14:17 - 14:37 | Skill training, Lessons learned from training in the cockpit.        | Captain. Essam Java                                  | 20 min.  |
| 14:37 - 14:57 | A Bright Today and a Brighter Tomorrow for Clinical Neuroscience in  | Dr. Mahmoud Al-Yamany                                | 20 min.  |
| 14:57 - 15:12 | the Region                                                            |                                                      |          |
| 15:22 - 15:27 | Philanthropic Neurosurgery                                           | Dr. Ibrahim Alhebahti                                | 15 min.  |
| 15:22 - 15:27 | Where Do We Rank in the World?                                       |                                                      |          |
| **Prayer Time** | 12:15 - 13:00                                                 |                                                      |          |
| **Lunch Break** | 12:15 – 13:00                                                      |                                                      |          |
### Scientific Session 2

**Moderators:** Prof. Bassem Sheikh, Prof. Sherif Elwatidy

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>15:50 - 15:57</td>
<td>Posterior fossa AVMs; endovascular management challenges</td>
<td>Dr. Hany Eldawoodly</td>
<td>7 min.</td>
</tr>
<tr>
<td>15:57 - 16:04</td>
<td>Endovascular Management for Tandem Occlusions of Anterior Cerebral Circulation: systematic analysis of 99 patients from literature</td>
<td>Dr. Faris Atebdi</td>
<td>7 min.</td>
</tr>
<tr>
<td>16:04 - 16:11</td>
<td>Blunt cerebrovascular injury: implication of initial assessment and long term follow up in the Saudi health system</td>
<td>Dr. Hosam Al-Jehani</td>
<td>7 min.</td>
</tr>
<tr>
<td>16:11 - 16:18</td>
<td>Decompressive craniectomy without hematoma evacuation for Spontaneous hypertensive Intracerebral haemorrhage</td>
<td>Dr. Syed Qadri</td>
<td>7 min.</td>
</tr>
<tr>
<td>16:18 - 16:25</td>
<td>Assessing Level of Awareness about Stroke among Public and Health Care</td>
<td>Dr. Faisal Matafi</td>
<td>7 min.</td>
</tr>
<tr>
<td>16:25 - 16:32</td>
<td>Decompressive Craniectomy for Malignant Middle Cerebral Artery Infarction: Experience of Two Tertiary Care Centers</td>
<td>Dr. Afman Samman</td>
<td>7 min.</td>
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<tr>
<td>16:39 - 16:50</td>
<td>Discussion</td>
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<td>11 min.</td>
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**Mini-symposium: Brain tumor surgical challenges**

**Moderator:** Prof. Yasser Orz, Prof. Ibrahim Sbeih, Prof. Ashish Suri

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<tr>
<th>Time</th>
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<th>Duration</th>
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<tbody>
<tr>
<td>17:00 - 17:15</td>
<td>Petroclival Meningiomas, personal experience</td>
<td>Prof. Ibrahim Sbeih</td>
<td>15 min.</td>
</tr>
<tr>
<td>17:15 - 17:30</td>
<td>&quot;MRI - PET evaluation of glioma recurrence&quot;</td>
<td>Prof. V.P. Singh</td>
<td>15 min.</td>
</tr>
<tr>
<td>17:30 - 17:45</td>
<td>Surgery for Central Skull Base: Challenges and Controversies</td>
<td>Prof. Ashish Suri</td>
<td>15 min.</td>
</tr>
<tr>
<td>17:45 - 18:00</td>
<td>Management strategies of aggressive meningiomas</td>
<td>Prof. L. Medra</td>
<td>15 min.</td>
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<tr>
<td>18:00 - 18:10</td>
<td>Discussion</td>
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<td>10 min.</td>
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**Coffee Break**

15:20 - 15:50
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>07:00 - 07:50</td>
<td>Learning Through Cases: Spine</td>
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<td></td>
<td>Dr. Abdulwahid Barrawwi</td>
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<tr>
<td>08:00 - 09:00</td>
<td>Mini symposium: Decompressive craniectomy: Update for severe head injury</td>
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<td>In collaboration with the Neurocritical Care Section of the Saudi Critical Care Society</td>
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<td>Moderators: Dr. Ahmad Al-Oraidi and Dr. Hosam Al-Jehani</td>
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<tr>
<td>08:00 - 08:15</td>
<td>Cerebral auto-regulation in head traumatic head injuries</td>
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<td>Dr. Faisal Al-Suwaidan</td>
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<tr>
<td>08:15 - 08:30</td>
<td>Decompressive craniectomy updated for severe head injury</td>
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<td></td>
<td>Dr. Hosam Al-Jehani</td>
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<tr>
<td>08:30 - 08:45</td>
<td>Evidence based medicine in traumatic head injury in 2016</td>
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<td>Dr. Yasser Al-Arefi</td>
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<td>08:45 - 09:00</td>
<td>Application of head trauma current guidelines in Saudi Arabia</td>
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<td>Prof. Ahmad Ammar</td>
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<tr>
<td>09:00 - 09:10</td>
<td>Discussion</td>
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<td>09:10 - 09:52</td>
<td>Scientific Session 3</td>
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<tr>
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<td>Moderators: Dr. Saqqaf Al-Saqqaq, Dr. Essa Abdulghani</td>
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<tr>
<td>09:10 - 09:17</td>
<td>Diabetes Insipidus Following Endoscopic Transsphenoidal Surgery for Pituitary Adenoma</td>
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<td>Dr. Sarah bin Abdulqader</td>
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<tr>
<td>09:17 - 09:24</td>
<td>The incidence of increased ICP in patients with Spontaneous nasal cerebrospinal fluid leaks</td>
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<td>Dr. Asma Alebrahim</td>
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<tr>
<td>09:24 - 09:31</td>
<td>Extended Endoscopic Transnasal Skull-Base Surgery</td>
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<td>Dr. Abdulrazag Al-Jan</td>
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<td>Dr. Mohamed A. El-Agaby</td>
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<tr>
<td>09:38 - 09:45</td>
<td>Grading system for foramen magnum tumors</td>
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<td>Dr. Mohamed El-Fiki</td>
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<tr>
<td>09:45 - 09:52</td>
<td>Keyhole Craniotomy for Excision of Tumours and Clipping of Aneurysm in Children: An analysis of eight procedures</td>
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<td></td>
<td>Dr. Ali Al-Mashani</td>
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<td>09:52 - 10:00</td>
<td>Discussion</td>
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**Coffee Break**
10:00 - 10:30
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:30 - 11:30</td>
<td><strong>Keynote Speeches</strong></td>
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</table>
| 10:30 - 10:55 | Current and Future of Peripheral Nerve Surgery  
Prof. Rajiv Malhotra  
25 min. |
| 10:55 - 11:00 | Discussion  
10 min. |
| 11:00 - 11:25 | Advances and future direction of functional neurosurgery  
Prof. Michael Schuider  
25 min. |
| 11:25 - 11:30 | Discussion  
5 min. |
| 11:30-12:00 | **Scientific Session 4**                                                                            |
Dr. Ignatius Esene  
7 min. |
| 11:37 - 11:44 | The Perceived Barriers and Challenges Faced by Saudi Medical Graduates Applying for Residency or Fellowship Programs in the United States of America  
Dr. Hanan Alqethami  
7 min. |
| 11:44 - 11:51 | Prince Sultan Military Medical City Experience with War Related Neuro-Trauma, Cases presentation and Literature Review  
Dr. Fares Yaghoob  
7 min. |
| 11:51 - 12:00 | Discussion  
9 min. |
| 12:30 - 13:30 | **A Neurosurgical Career In Saudi Arabia**  
Moderator: Dr. Abdulrahman Sabbagh, Dr. Salah AlAkkad |
| 12:30 - 12:45 | Neurosurgery at Academic institutions  
Dr. Malar Mousain  
15 min. |
| 12:45 - 13:00 | Neurosurgery in peripheral hospitals  
Dr. Khalid Damryadi  
15 min. |
| 13:00 - 13:15 | Neurosurgery in private practice  
Dr. Khalid Siddiqui  
15 min. |
| 13:15 - 13:20 | Discussion  
10 min. |
Dr. Abdulrahman J. Sabbagh  
5 min. |
| 13:30 - 13:50 | **Keynote Speech**  
Moderator: Dr. Ahmed Lary |
| 13:30 - 13:50 | Surgery of eloquent areas of the brain  
Prof. Mostafa Kotb  
20 min. |

**Notes:**  
- Thawr Prayer Time: 12:00 - 13:00  
- Lunch Break: 12:00 - 13:00
13:50 – 14:15 Debate: Cervical myelopathy

Moderator: Dr. Maher AlHejjji, Dr. Husam Alhabib

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
<th>Duration</th>
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<tbody>
<tr>
<td>13:50 – 14:00</td>
<td>Anterior approach is best</td>
<td>Dr. Ahmad Alkhani</td>
<td>10 min.</td>
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<tr>
<td>14:00 – 14:10</td>
<td>Posterior approach is best</td>
<td>Dr. Salah AlMakkad</td>
<td>10 min.</td>
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<td>14:10 – 14:15</td>
<td>Discussion</td>
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<td>5 min.</td>
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14:15 – 15:15 Scientific Session 5

Moderators: Dr. Sami Nafea, Dr. Abdulwahed Barnawi, Dr. Ahmad Alzahrani

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
<th>Duration</th>
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<tbody>
<tr>
<td>14:15 – 14:22</td>
<td>Lateral Approach for Anterior and Anterolateral Placed Cervical Meningioma or Schwannoma</td>
<td>Dr. Ali Al-Obeid Madani</td>
<td>7 min.</td>
</tr>
<tr>
<td>14:22 – 14:29</td>
<td>Cervical Spine Anomalies in Genetic Syndromes</td>
<td>Dr. Abdullah Al-Ramadan</td>
<td>7 min.</td>
</tr>
<tr>
<td>14:36 – 14:43</td>
<td>Supraclavicular donor nerve graft: A better way to repair neonatal brachial plexus palsy</td>
<td>Dr. Aysha Al-Salalawi</td>
<td>7 min.</td>
</tr>
<tr>
<td>14:43 – 14:50</td>
<td>Avoiding Complications related to Osteoporosis in Cervical Spine Surgery</td>
<td>Dr. Abdal Karim Msaddi</td>
<td>7 min.</td>
</tr>
<tr>
<td>14:50 – 14:57</td>
<td>Quantification of spinal cord pulsation using intra-operative ultrasound and its Correlation to Cardiovascular Parameters</td>
<td>Dr. Abdullah Al-Salalawi</td>
<td>7 min.</td>
</tr>
<tr>
<td>14:57 – 15:04</td>
<td>Diagnostic value of apparent diffusion coefficient to differentiate benign from malignant vertebral bone marrow lesions</td>
<td>Dr. Salwa Al-Awadi</td>
<td>7 min.</td>
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15:04 – 15:25 Coffee Break

Coffee Break 15:25 – 16:00

SANS Elections
SANS General Assembly 16:00 – 18:00 Main Hall
Traditional Saudi Dancing

The most traditional of dances performed in Saudi Arabia is the Al Ardha which is also known as the “Sword Dance.” Al Ardha is in fact the country’s national dance and naturally will be performed by men. Every national day and at very special occasions the Al Ardha dance will be performed and at those same special occasions, even King Salman will participate in the dance. It is a national dance that the majority of Saudi men know how to perform learning at a very young age.

Sword Dance “Al Ardha”

This sword dance is based on ancient Bedouin traditions: drummers beat out a rhythm and a poet chants verses while sword-carrying men dance shoulder to shoulder. Al-shiba folk music, from the Hejaz, has its origins in al-Andalus. In Mecca, Medina and Jeddah, dance and song incorporate the sound of the mizmar, an oboe-like woodwind instrument in the performance of the mizmar dance. The drum is also an important instrument according to traditional and tribal customs. Samri is a popular traditional form of music and dance in which poetry is sung.

Al Samri

Is the name of a folkloric music and dance native to the Arab states of the Arabian Gulf, especially Saudi Arabia and Kuwait. It involves singing poetry while the daff drum is being played. Two rows of men, seated on the knees sway to the rhythm.

TONIGHT AT GALA DINNER
Al Ardha, Al Samri and more ..

Reach it via: Google MAP
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
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| 07:00 - 07:50 | Learning through cases: Pediatric Neurosurgery | By Professor Ibrahim Al-Ali

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
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</table>
| 08:00 - 08:10 | Spinal Dysraphism: Epidemiology in Saudi Arabia | By Dr. Bahaa M. Al-Balas
| 08:10 - 08:20 | Toward better care for myelomeningocele patients in Saudi Arabia | By Dr. Ibrahim Al-Ali
| 08:20 - 08:30 | When to shunt MMC patients? | By Dr. Amal Saleh Al-Ali

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<th>Time</th>
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<th>Description</th>
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| 08:40 - 09:00 | Special Achievement | Craniopagus Twin Separation: Saudi Experience (Presenting the National Guard Health Affairs Experience) | By Dr. Ahmad Al-Qahtani

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<td>09:15 - 09:20</td>
<td>Discussion</td>
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<th>Description</th>
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| 09:27 - 09:34 | Intracranial meningioma of childhood and adolescence: A review of 11 cases | By Dr. Malika Yahaoui
| 09:34 - 09:41 | Assessing Level of Awareness, Attitudes and Beliefs toward Pediatric Congenital Neurosurgical Conditions | By Dr. Fahad Al-Ali
| 09:41 - 09:48 | Laparoscopic assisted positioning of peritoneal end for VP shunt and LP shunt | By Dr. Saleh Al-Ali
| 09:48 - 09:55 | The Role of Endoscopic Aqueductoplasty with stenting in management of trapped fourth ventricle | By Dr. Sherif El-Kheshin
| 09:55 - 10:02 | 10 years experience in Endoscopic excision of Colloid Cyst in Egypt | By Dr. Mostafa El-Sayed

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<tr>
<td>10:02-10:10</td>
<td>Discussion</td>
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<th>Time</th>
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<tr>
<td>Coffee Breaks</td>
<td>10:10 - 10:40</td>
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</table>
10:40-11:05
Moderator: Dr. Faisal Alotaibi, Dr. Fahad Alsobei

10:40-11:05
Deep brain stimulation in Parkinson’s disease: from science to surgery
Dr. Yasin Tentel
25 min.

11:05-11:10
Discussion
5 min.

11:10-12:10
Mini symposium: Epilepsy for Neurosurgeons
In collaboration with the Saudi Epilepsy society
Moderators: Dr. Faisal Alotaibi and Dr. Fahad Alsobei

11:10-11:25
The Level of Epilepsy Awareness in Saudi Arabia
Prof. Mohammed Jan
15 min.

11:25-11:40
Neurostimulation for epilepsy
Dr. Faisal Sayer
15 min.

11:40-11:55
Brain Tumors Resection and Seizure Control
Dr. Sonia Khan
15 min.

11:55-12:10
Laser Thermoablation for Epilepsy
Dr. Raidah Albaradie
15 min.

12:10-12:20
Discussion
10 min.

12:30-13:30
Hands on Spine Course in Yellow & Blue Workshops
10 min.

13:00-14:05
Moderators: Dr. Motasim Alzoubi, Dr. Ikhlas Altuwaijeri

13:00-13:07
Oxycephaly, delayed multisuture synostosis: Clinical features and surgical management
Dr. Khaled Al Y
7 min.

13:07-13:14
Endoscopic Endonasal Transsphenoidal Approach for Sellar Lesions in Pediatric Population
Dr. Mohamed Barakat
7 min.

13:14-13:21
Hydrocephalus in Sudan Diagnosis and Management
Dr. Mohammed Elzalil
7 min.

13:21-13:28
Laparoscopic Revision of the Distally Obstructed Ventriculoperitoneal Shunt
Dr. Safwat Abo Hashem
7 min.

13:28-13:35
The efficacy of Laparoscopic VP shunt placement in cases of peritoneal adhesions
Dr. Mohammad Albadeen
7 min.

13:35-13:42
The prognostic impact of hydrocephalus in Pilocytic Astrocytoma patients
Dr. Ottman Alhekkal
7 min.

13:42-13:47
Discussion
5 min.

13:47-13:54
Auditory Brainstem Implants in Non-NF2 patients: A University Hospital Experience in Saudi Arabia
Dr. Abdulaziz Al Abotain
7 min.

13:54-14:02
What is the Best Dural Closure Type in a Cranial Surgery?
Afnan Al Khatawi
7 min.

14:02-14:09
Fornix DBS enhances long-term spatial memory independent of hippocampal neuroplasticity
Dr. Majed Aldehri
7 min.

14:09-14:16
Subthalamic nucleus (STN) deep brain stimulation (DBS) in the management of Idiopathic Parkinson’s disease. Results of our first 20 cases.
Dr. Essam Rek
7 min.

14:16-14:26
Discussion
10 min.

12:20-13:00
Thur Prayer Time
12:20-13:00
Lunch Break
14:15 – 15:15

**Mini Symposium Functional Neurosurgery**

**Moderators:** Dr. Mohammad Aloiaama, Dr. Lahbib Soualhi

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Duration</th>
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<tbody>
<tr>
<td>14:15 - 14:25</td>
<td>Surgeries for Temporal Lobe Epilepsy: Technical Advances and complication avoidance</td>
<td>Dr. Saleh Baeesa</td>
<td>10 min.</td>
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<tr>
<td>14:25 - 14:35</td>
<td>Focal Cortical Dysplasia and Epilepsy</td>
<td>Dr. Ibrahim Althebai</td>
<td>10 min.</td>
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<tr>
<td>14:35 - 14:45</td>
<td>Deep Brain Stimulation for cluster Headache</td>
<td>Dr. Fahad Asubaie</td>
<td>10 min.</td>
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<td>14:45 - 14:55</td>
<td>Brain Mapping in Epilepsy Surgery</td>
<td>Dr. Faisal AlOtaibi</td>
<td>10 min.</td>
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<tr>
<td>14:55 - 15:05</td>
<td>Lesioning Surgery For Movement Disorders</td>
<td>Dr. Ahmed Alkhani</td>
<td>10 min.</td>
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<tr>
<td>15:05 - 15:15</td>
<td>Invasive Electroencephalography: The Localizing Value</td>
<td>Dr. Tareq Alhuri</td>
<td>10 min.</td>
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**15:15 - 15:25**

**Discussion**

10 min.

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**Coffee Breaks**

14:00 - 14:30

**Best Paper Award Closing Remarks**

15:25 - 16:00

Main Hall