



# AMRI Hospitals Introduces 'O-arm S8 Navigation System' for the First Time in Eastern India

## The Most Advanced Precision Based & 3- D Image Guided Spine Surgery Equipment

**Kolkata, December 21, 2017:** AMRI Hospitals, one of the largest and fastest growing hospital chains in Eastern India, formally introduced the '**O-arm S8 Navigation System**', the most advanced 3-D surgical imaging equipment & navigation system for accurate & precision based Spine & Neurosurgery for the first time in Eastern India.

This new state-of-art technology equipment was unveiled by a detailed presentation on the technicalities and surgical aspects of the treatment areas along with the diagnostic modalities associated with the overall process in Kolkata today. '**O-arm S8 Navigation System**' surgical facility **will be available at AMRI Hospital's Mukundapur unit.** **Mr. Rupak Barua, Group CEO, AMRI Hospitals; Dr. Sisir Das ,HOD of Neurosurgery, AMRI Hospitals, Mukundapur; Dr. Simanta Sharma, Group VP-Growth & Development, AMRI Hospitals Ltd., were present at the meet.**

The O-arm surgical imaging system has successfully established itself as the first multi-dimensional intra-operative imaging devise in spine surgery. It delivers an excellent image quality and quick 3 D reconstruction time. Its design makes it well suited for spinal surgeries. O-arm is designed with real time images; a patented breakable gantry. Along O-arm S8 Navigator, it is also useful for state-of-the art Brain (soft tumor) Surgeries.

**O-arm S8 Navigation System**, the most advanced equipment in spine surgeries, **is customized to for the benefit of both patients and the surgeons.** The patients will have minimal incision surgery through this navigation system, which will reduce their hospital stay along with minimal blood loss and minimal post-operative pain, leading to quicker recovery time. With this new technology, the risk of tissue damage is much more controlled as well as a patient has the maximum limited risk of after-operative infection.

### PATIENT BENEFITS

- Minimal Incision
- Decreased risk of Infection
- Minimal Blood Loss
- Reduced hospital stay
- Minimal Post-Operative Pain
- Reduced Tissue Damage
- Quicker Recovery



O-arm S8 Navigation System, on the other hand, helps a surgeon to have a detailed view of patient's anatomy in real time and, by accurately navigation through the delicate anatomy and critical structures in the spine.

Speaking on the occasion **Mr. Rupak Barua, Group CEO, AMRI Hospitals** said, *"AMRI Hospitals have always been at the forefront of technological innovations for the people of this region. Introduction of this new state-of-the-art most advanced technology will revolutionise spine surgeries and its outcomes. We, at AMRI hospitals are immensely proud and privileged to have the best and the most dedicated team of specialists across all the medical fields who use their competence, knowledge, latest technology and innovations to provide the most advanced, accessible and affordable medical care at all times."*

#### **SURGEON'S BENEFITS**

- Accurately navigate through the delicate anatomy and avoid critical structures in the spine.
- Perform a more minimally invasive procedure
- Preserve healthy anatomy during surgery
- Surgical planning software can help surgeons prepare for the patient's procedure.
- Intraoperative imaging provides a detailed view of patient's anatomy in real time.

The team that will be working on this state-of-art innovative technology will be led by the nationally acclaimed Neuro Surgeon with over 20 years of experience, **Dr. Sisir Das**, Director & HOD of Neurosurgery at AMRI Hospital Mukundapur. His area of specialty includes Spine Endoscopic/ Endo-Nasal surgeries and base of skull surgeries. He is a clinical fellow on neuro oncology from university of Toronto, Canada and has participated Skull Base Surgery Program of UCLA.

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#### **About AMRI Hospitals Ltd**

AMRI Hospitals, a multi-specialty healthcare facility in Eastern India with specialization in Oncology, Neuron Sciences, Cardiac Sciences, Orthopedics, Emergency & Trauma care, Gynecology & Childcare is the largest player in private sector with its existing strength of around 1000 beds. With its state-of-the-art equipment and modern facilities, AMRI is ensuring that people from Eastern India are provided affordable high quality medical care in the region, so that patients need not travel to other parts of the country for medical treatment. AMRI Hospitals, which has four units in Kolkata, is expanding its capacity for additional beds in its existing facilities. A 400 bedded state-of-the art super-specialty hospital has recently become operational in Bhubaneswar. AMRI Hospitals plans to set up a new 400-bedded facility in West Bengal with an investment of Rs.500 crs. The Group is committed to serve the people of Eastern India and has plans to add another 600-700 beds in the next 3-4 years.

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