

### **1, Path breaking cancer treatment**

#### **PATH BREAKING CANCER TREATMENT KNOWN AS HEPATIC CHEMO – EMBOLISATION DONE**

A patient with liver cirrhosis and a large tumor in the liver was referred to MIO hospital for treatment. The patient was inoperable and not fit for surgery.

A team of doctors led by onco-surgeon, Dr Jalaluddin Akbar, and his team decided on a novel approach known as hepatic chemo embolization. In this procedure, anti-cancer drugs were directly delivered to the cancer found in the liver. This advanced technology, which is mainly used for stenting in the case of heart attack treatments, was made use of in the case of this patient, for the first time in the city.

This procedure is not only safe, but very effective, as the healthy tissues and organs are spared from the side-effects of the drugs, thereby helping to prolong the life-span of the patient and sometimes, even curing the disease. The patient can be sent home within a day

### **2, First keyhole liver surgery conducted**

The first keyhole liver surgery was conducted by Dr. Jalaluddin Akbar.

The case involved a 72-year-old female patient who was diagnosed with liver cancer, On complete check-up it was found to be localized on one side of the liver. As she was overweight and a patient of chronic liver disease with early sign of failure, she was at a very high risk for open surgery. The team of surgeons decided that keyhole surgery would be ideal.

The keyhole liver surgery was well executed and the patient is now cured of her disease

### **3,Complex surgery performed**

In one of the most complex and rare surgical interventions, a tumor was removed from a bone of the right arm of a 10-year old girl from Kasargod recently. This rare surgery was performed for the first time in Mangalore. Dr.Jalaluddin. Akbar, save arm of 10-yr-old cancer patient through rare surgery. It was then planned by the Tumor Board of MIO . The procedure was to remove the bone and joint of the right arm and reconstructed by taking one of the bone from leg of the patient. The surgery took 12 hours & was performed successfully for the first time in this region. Ten years back one would have not even imagined performing this type of surgery in India. Now the expertise and infrastructure has become available in Mangaluru and Only a few centers in India such as Mumbai, Chennai, Delhi and Hyderabad this surgery can be done even today. “Instead of removing the arm, we are saving the arm and the life of the child. The only requirement is that the patients should come early to consult the doctor, so we can save the limb and life,”

#### **4, Rare surgery saves the women leg**

A complex surgery was successfully performed on a 20-year-old lady that saved her leg from amputation, informed Dr Jalaluddin Akbar, Addressing media persons, Dr Jalaluddin Akbar said, "The patient, a resident of Kannur was suffering from cancerous tumor on her left leg which recurred after initial surgery done elsewhere. The only option in such a situation is amputation. The patient's family had taken her to multiple higher centers where the option given was amputation."

This procedure has been done for the first time in India reported, said Dr Akbar.

"The surgery took us 8 hours to complete. She has not been able to walk from past 2 years. But now, after 4 to 5 weeks of the surgery she would be able to walk. Radiation therapy will be given to prevent recurring of the tumour. Now she can lead a normal life with minimal disability," he added.

Kasim, relative of the lady thanked the surgeon Dr Jalaluddin Akbar and his team for giving her a new life.