

MEDICAL TIMES

'A clinical knowledge sharing endeavour' by KIMS SAVEERA Hospital, Anantapur .



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**“ GOOD HEALTH IS NOT
SOMETHING WE CAN BUY ”**

Milestone in cardiology - IVC filter procedure for the 1st time in Anantapur district.

- IVC filter deployed for the first time in the district.
- IVC preferred treatment of choice for recurrent DVTs.

Anantapur, Oct 1st, 2020 A 45 year old female patient presented to KIMS SAVEERA hospital with recurrent episodes of deep vein thrombosis . She was on anticoagulant therapy, but it was not of much help. Dr. Moode Sandeep, Interventional Cardiologist performed deployment of IVC filter through minimal invasive procedure .

IVC (Inferior Vena Cava) is the large vein in the abdomen carrying the returning blood from the lower half of the body to the heart. Blood clots in the veins of the legs (Deep Vein Thrombosis) due to various reasons. These clots produce pain in the lower limbs. The clots at times get detached from the original sites and travel to the heart and lungs. When the clot travels to the lungs and blocks the blood vessels going to the lungs it results in a critical condition called pulmonary embolism. An IVC filter can prevent the clots from the deep veins of the legs from reaching the heart and lungs by filtering and trapping the large blood clots. This IVC filter helps reduce the risk of pulmonary embolism.

When the anticoagulant treatment is not effective, IVC filter is the treatment of choice for this condition. This procedure is of low cost, very effective, and minimally invasive. The complications following the procedure are minimal. This procedure is also recommended as prophylaxis in patients undergoing high risk surgery such as bariatric surgery or spinal surgery.

These types of rare procedures are done in metropolitan cities only. KIMS - SAVEERA HOSPITAL, with highly trained and qualified doctors and state of the art equipment has started such procedures in Anantapur, thus giving the facility for the local people to get the benefit of such advanced procedures.



Dr. M. Sandeep

MBBS, MD General Medicine,
(DM, Cardiology)

Consultant - Interventional Cardiologist

Saves life of premature baby

- High risk pregnancy managed in KIMS – SAVEERA HOSPITAL.
- Premature babies need critical care in NICU.

Anantapur, Oct 19th, 2020 This is a story of Mrs. Lalitha who had two children already born as premature twin babies treated at reputed hospital Hyderabad. The current pregnancy is considered as high risk for further premature delivery. The patient came to KIMS Saveera Hospital for good pregnancy outcome. She was closely monitored by the team of Gynecologists, as her blood pressure was too high which is affecting baby's growth. Doctors decided to go for elective C Section at 28 weeks of pregnancy (3 months earlier than expected). A girl baby was born with birth weight 1.18 Kg. The baby had multiple premature complications and was put on mechanical ventilator and surfactant (chemical to improve lung maturity) was given into the lung. Baby had difficulty in digesting even mother's milk, had blood stream infection. Over a period of 35 days baby had multiple ups and downs and finally the baby got discharged with weight of 1.5 Kg. Team of pediatricians closely followed up the baby's growth and development over the next 2 year's which is normal. KIMS Saveera Hospital is having highly experienced team of doctors in pediatric and Neonatal critical care with world class equipments which makes impossible things possible at a town like Anantapur with affordable cost even to common people.



Dr. A. Mahesh

MBBS, DCH, DNB (Paediatrics)
Consultant - Padiatrician



Dr. P.V. Raghavaiah

MBBS, MD (Paediatrics)
Consultant - Padiatrician

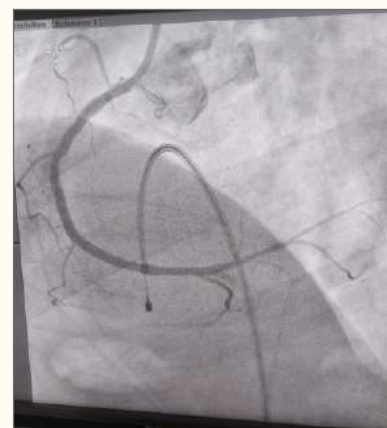
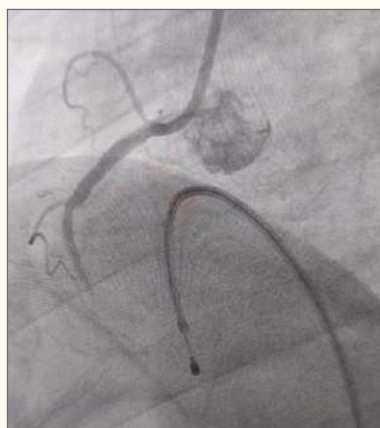
Team work saves patient life after cardiac arrest with (MODS)

- Patient with Multi Organ Dysfunction Syndrome (MODS) survives.

Anantapur, Dec 24th, 2020 A 60 yr female patient presented to KIMS SAVEERA HOSPITAL emergency department with breathlessness, giddiness, low BP, low heart rate, and subsequently went into cardiac arrest. She was revived following 20 min of successful CPR and immediate pacemaker was inserted by Dr Moode Sandeep. She was transferred to cath lab for angiogram, which revealed complete occlusion of one of the major blood vessels supplying heart. Dr Moode Sandeep, Interventional cardiologist and his team successfully performed angioplasty (relieving block by using stent) and the patient was transferred to ICU for further management.

But unfortunately following the procedure, she went into multiorgan dysfunction with pulmonary edema (fluid in lungs) and low BP requiring mechanical ventilation and insertion of IABP to augment BP. She also had acute liver failure and acute kidney injury(AKI). For AKI, she was managed with 4 to 5 cycles of dialysis every day for 3 days by nephrologist. With the team effort of cardiologist, intensivist, nephrologist and the paramedical team of the hospital, she was maintained well without any complications on ventilator and successfully extubated after 5 days. She was discharged after 1 week with normal functions of brain, heart, kidney and liver.

Possibility of survival of cardiac arrest is 1-2%. With immediate team effort of KIMS - SAVEERA HOSPITAL the patient was revived. A chance of sudden cardiac death is more with Multi Organ Dysfunction Syndrome. KIMS SAVEERA HOSPITAL is able to deal with such cases of Multi organ dysfunction, The hospital has advanced equipment and well trained and qualified doctors and paramedical staff to deal with MODS. Early presentation & early intervention has led to good outcome in this patient. Standard international guidelines are being followed in KIMS SAVEERA HOSPITAL.



Dr. M. Sandeep

MBBS, MD General Medicine,
(DM, Cardiology)

Consultant - Interventional Cardiologist

3 Year old child with giant bladder stone operated successfully by LASER

- Neglected bladder stones can cause obstruction to urine flow and damage kidneys.

Anantapur, Jan 9th, 2021 : 3 year old child was brought to urology OPD by parents with complaints of excessive cry during micturition everytime he passes urine. This complaint has been there from the age of 6 months. There was occasional reddish discoloration of urine. Patient also had lower abdominal pain. He was treated else where with a diagnosis of urinary tract infection. The patient was not investigated properly. When he reported to our hospital, Dr G Durga Prasad, consultant urologist evaluated the patient and found that the child was having a stone of 4 cms size in the urinary bladder with swelling of both the kidneys (hydronephrosis).

Stones in children account for approximately 5% of all urinary stones and are prevalent among children living in poor or rural regions due to low socioeconomic status. Diet with low protein, vitamin deficiency and dehydration can lead to stone formation in urinary system. Consumption of goat milk may also contribute to stone formation. Many of the stones are composed of calcium oxalate (45-65%), followed by calcium phosphate (14-30%). Early diagnosis and management of bladder stones in the pediatric age group are crucial to prevent subsequent complications. Chronic stones in bladder can result in recurrent urinary tract infections, excessive antimicrobial use and dissemination of antimicrobial resistance, and consequent renal insufficiency.

This challenging case was taken up at KIMS SAVEERA HOSPITAL for surgery. We planned and performed laser cystolithotripsy which is the latest treatment for breaking of stones. This treatment does not involve any skin incision or suturing. The stone was completely powdered with laser energy source. The surgery time was 45 minutes and the child was scar free. Child was discharged on second day.

Challenges in operating procedure involve the techniques and availability of equipment. Miniature scopes are used exclusively for children and expertise in pediatric anesthesia is required for such procedures.

Previously such cases were operated by an open method involving cutting and suturing or were referred to cities due to lack of instruments and advanced treatment options. Now we have a good infrastructure, latest equipment (laser lithotripsy) and updated instrumentation because of which we are able to treat such cases on par with cities, at an affordable cost. Some of these modalities of treatment are covered under Aarogyasree and is free of cost to the poor patients covered by the scheme.



Dr. Durga Prasad .G

MBBS, MS, Mch. (Urology)

Consultant - Urologist &

Renal Transplant Surgeon

2 operations done on 75 year patient who had pacemaker

- Surgery in patients with multiple cardiac risks need multi - specialty approach.

Anantapur, Feb 16th, 2021 : A 75 year old male patient fell down at home and was diagnosed as Inter trochanteric fracture of femur. Patient was having crippling cardiac illness. He had heart block with severe diastolic dysfunction. With such cardiac condition, several hospitals in the city did not accept him, because of the high risk. Finally the patient came to KIMS SAVEERA hospital, with the hope that this being a super specialty hospital, he may get treatment. He was evaluated thoroughly and after assessing the risk and the benefit of the surgery, he was counseled by the team of anesthetist and cardiologists.

The surgery for correction and internal fixation of the fracture was done successfully under Aarogyasree and the patient was discharged without any complications. With team effort we conducted the surgery. Surgery was uneventful and patient discharged.



Dr T Ramanjineyulu

MBBS, MS (Ortho),
Fellowships in Joint Replacement
Consultant - Orthopedic Surgeon

Advanced treatment helps 90 year old man to recover from stroke

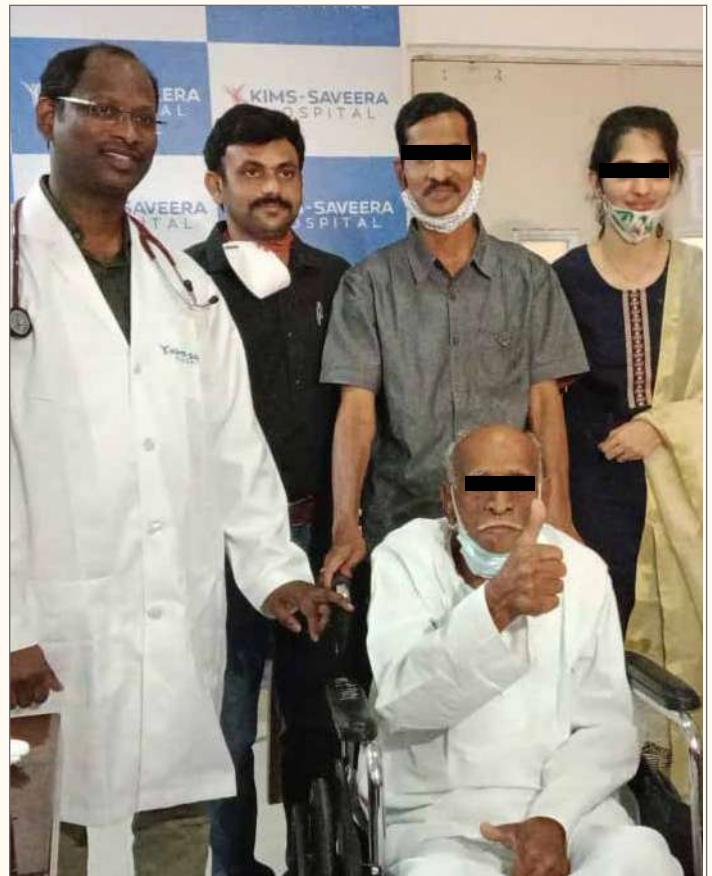
- Patient is one among the oldest patients who revived thrombolysis treatment
- Thrombolysis is the treatment of choice in ischemic strokes

Anantapur, Mar 24th, 2021 : 90 years old male, resident of a village near Tadipatri, had sudden onset of symptoms of inability to speak and move right half of the body. He was rushed to KIMS SAVEERA hospital within 2 hours of onset of symptoms, accompanied by his relative Dr Y S Thomas Reddy.

Dr Joshua Caleb, Neurologist examined him and was diagnosed as a case of stroke due to a clot in the brain. He was advised thrombolysis treatment, by administering injection that dissolves clot in the blood vessel (Inj Actilyse). This injection is rarely administered for patients aged above 80 years. This patient of 90 years is one among the oldest patients treated by this injection. Patient recovered from his ailment, and he was able to move the right half of the body as he used to do before the onset of the disease. His speech returned to normal.

Thrombolysis is the advanced treatment available for treatment of brain stroke that occurs because of a clot in the blood vessel supplying to the brain. This clot can be dissolved by administration of an injection and the blood flow to the brain can be restored. However, time from onset of the symptom such as weakness or speech defects, to administration of the injection is the most important factor that decides recovery from the weakness. This injection can be given only to the patients who report to the hospital within 4 to 5 hours time from the onset of symptoms. At KIMS SAVEERA hospital this injection has been administered so far to more than 100 patients in the past 3 years. Most of them have recovered completely. This is the most advanced treatment now available at Anantapur for all cases of stroke with a blood clot in the brain.

In Anantapur district many brain stroke patients are depending more on native treatment which is not scientifically proven, resulting in many patients becoming permanently disabled. It is our plea to all educated people to create awareness about new scientifically proven treatments available for treatment of stroke, so that the disability because of stroke can be drastically reduced and many more people can lead a normal life by reporting to the hospital as soon as possible after the onset of symptoms.



Dr. Joshua Caleb

MBBS, DNB (Internal Medicine),
DNB (Neurology)
Consultant - Neurologist

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