

## Today in History

**MARINO ORTOLANI (1904 -1983 )**

Very few non-orthopedic surgeons have contributed as much to the study of congenital hip pathology as Professor Marino Ortolani. He was born in 1904, studied medicine in Bologna, Italy, and became a pediatrician, opening his practice in 1929 in Ferrara, Italy. It is interesting how a single case completely changed the scientific interest and career of Professor Ortolani. In 1935, a 5-month-old baby was brought to Professor Ortolani with a diagnosis of Cooley's anemia. The child's mother was worried because, since birth, she had felt a click every time the perineal region of the baby was washed. Professor Ortolani became very interested in this fact, asking the mother to reproduce this click. He carefully examined the baby and found that during abduction-adduction motion of the thigh, the click was clearly audible and palpable. He took an x-ray of the hips and congenital hip pathology was clearly recognized. From that day, Professor Ortolani started examining the hips in all newborn children born in his hospital and all babies brought to his clinic, and was amazed at the number of newborns with positive "click" signs. He started treating these children in abduction and external rotation of thighs, holding them loosely with three diapers. (It is a well-known fact that the province of Ferrara has one of the highest incidences of congenital dislocation of the hips in all of Italy.) The young pediatrician Ortolani wrote his first paper in 1936 (Atti Accademia Medica-Ferrara) entitled, "A Very Little Known Sign and its Importance in the Early Diagnosis of Congenital Hip Predislocation." In that paper he described in detail the click, which later became known all over the world as Ortolani's sign. In 1938, Professor Ortolani became director of the Children's Hospital, but his special interest remained the hips in newborn children and babies. In those years he contributed much to the very early diagnosis and treatment of congenital hip pathology in the province and town of Ferrara, and in 1946 the Italian government opened the "Center for the Diagnosis, Prophylaxis and Treatment of Congenital Hip Dislocation" which was the first of its kind in the world. Professor Ortolani became the director of this new center. Professor Ortolani has diagnosed and treated personally over 8,000 children with congenital hip pathology. Since the opening of the Center for the Diagnosis, Prophylaxis and Treatment of Congenital Hip Dislocation, Professor Ortolani had dedicated all of his professional and scientific activity to the congenital hip problem. His energy, organizational capabilities and his love of teaching were endless. He educated his nurses on the examination and treatment of congenital hip pathology in the newborn and sent his nurses to the homes (in Italy not all children are born in the hospitals) of farmers to examine newborns and to treat the hips in the event of positive findings. (In many cases the nurses have to travel many hours on a bicycle to reach the most remote areas of the province of Ferrara.) Professor Ortolani became interested in anatomical pathology of the congenital hip in 1938 and dissected numerous hips in very young babies who died from unrelated causes. He collected many excellent specimens of congenital hip pathology in the fetuses at all stages of intrauterine development, proving that congenital hip pathology already exists in the fetus. Professor Ortolani was a pioneer of the very early diagnosis and treatment of congenital hip pathology. He had written 31 papers and one book on this subject. He had presented the papers at numerous pediatric and orthopedic meetings in Italy and all over Europe, and was an active participant at all SICOT meetings in the post-war period, presenting papers on this subject.

**LET'S CELEBRATE**  
Department celebrated Birthdays of following faculty and postgraduates:  
Dr Sravya, Assistant Professor on 15th August  
Dr Rohith, Assistant Professor on 26th August  
Dr Bharath, Assistant Professor on 6th September  
Dr Sasikanth, Post graduate on 15th August  
Dr Naresh, Post graduate on 22nd August  
Dr. Subbarayan, Post graduate on 30th August  
Dr Venu, Post graduate on 14th September  
Dr Raghuram, Post graduate on 21st September



## Ready for a Quiz ?

**? Diagnosis**

Answer to the quiz in last issue:  
**Osteopikilosis**



DEPARTMENT OF ORTHOPAEDICS &amp; TRAUMATOLOGY

# ORTHO MESSENGER

NEWS LETTER FROM THE DEPARTMENT

**Hard work is ALWAYS the winning formula for success!**

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### EDITOR'S MESSAGE



Because no one can ever outrun a person who is always willing to give his 100%! Always be a first rate version of yourself than a second rate of anyone else!

Excellence is never an accident. It's the result of high intention, sincere efforts, intelligent directions, skilful execution and the vision to see obstacles as opportunities!

You get what you work for! It's always hard work that reaps TANGIBLE results! Never settle for AVERAGE, because you are made to be something more!

Let's make our own department Great!

Work is Worship. Work is your real worth and it must become your primary form of worship.

Nothing develops you more than what your work does. You may or may not always get awards or rewards it actually not about them. Your work should give you your inner expression and this surely will give you happiness and that is the only thing that matters.

Worship your work, hold the sanctity of work above all and Go On Going On. Everything will start flowing and growing in your life naturally and you will surely be happy and blessed always.

### KNOW YOUR FACULTY



**Dr.P Vijaya Shankar**  
MS Orthopaedics  
Fellow in Arthroplasty  
Assistant Professor, ASRAM Medical College, Eluru



#### FOURTH ISSUE RELEASE

Ortho messenger fourth issue of volume two Ortho was released on 14/8/2019 by our guest of honour Dr Fakir Das, professor and HOD Department of ENT.



#### INDEPENDENCE DAY

On the eve of Independence day Dr R M Mallikarjuna reddy was felicitated with a memento for best performance in inpatient from January to July 2019.



#### CTEV WORKSHOP

Attended Workshop on CTEV correction by Ponsetti method conducted at Rural Development Trust Hospital, Bathalapalli, Ananthapuram.



#### WEBINAR ON TKR

AAOS and IOA in collaboration with insigna had conducted webinar on Total Knee Replacement. on 9/8/2019. Dr Rajesh Malhotra had enlightened us on various aspects of TKR



#### WEBINAR ON RECONSTRUCTION OF ACL

On 12th september Dr Mandeep Dhillon's webinar on ACL reconstruction was displayed in the department.



#### TEACHERS DAY

Teachers day was celebrated on 5th september in our department.



#### SURGERIES OF THE MONTH

##### SCFE :

by Dr. K A M Shandilya, Dr Aditya and team

A 14 years old male child came to ASRAM hospital with complaint of right hip pain and unable to walk. He was diagnosed to have SCFE (slipped capital femoral epiphysis) for which he underwent CC screw fixation.

pre-operative:



post-operative:



##### DEFORMITY CORRECTION :

by Dr. K A M Shandilya, Dr Aditya and team

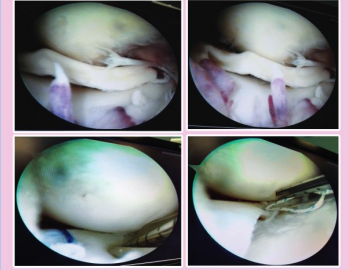
A 15 Years old female came to ASRAM with complaint of deformity of left upper limb. She was evaluated and diagnosed to have cubitus valgus deformity of left elbow due to nonunion of left lateral epicondyle fracture for which she underwent deformity correction.



##### MENISCUS REPAIR :

by Dr. R M Mallikarjuna reddy and team

A 18 years old male came to ASRAM hospital with complaint of left knee pain since 3 years and had difficulty in walking. He was diagnosed to have lateral meniscus tear for which he underwent meniscal repair.



##### TOTAL KNEE REPLACEMENT :

by Dr. R M Mallikarjuna reddy and team

A 63 years old female lady suffering with bilateral knee pain since ten years, she came to ASRAM hospital, where she was diagnosed to have osteoarthritis of knee, so she underwent total knee replacement for her left knee.

