



SAIMS TIMES

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Wish You a Very Happy birthday Madam
26th January



Dr. Manjushree Bhandari
Chancellor, SAU

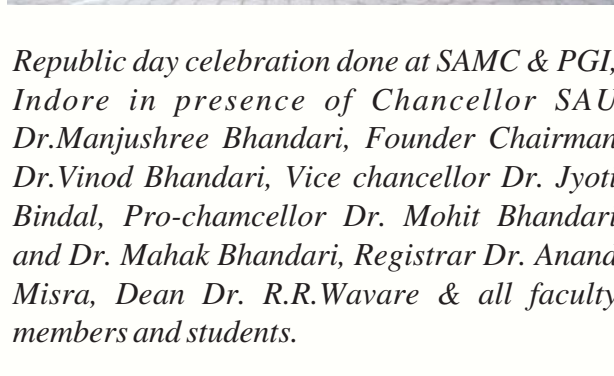


Makar Sankranti Celebration at SAU, Indore



The Occasion of **Makar Sankranti** was celebrated with great zeal & enthusiasm by all respected dignitaries i.e **Chancellor SAU Dr.Manjushree Bhandari**, **Founder Chairman Dr.Vinod Bhandari** And all respected Principals / Dean of SAMC & PGI, SAIMS College of Dentistry, SAIMS College of Physiotherapy, SAIMS College of Nursing along with their faculty members and students. On the occasion kite flying was done by all and Til Gud sweets were distributed.

Republic Day Celebration 2023



Republic day celebration done at SAMC & PGI, Indore in presence of Chancellor SAU Dr.Manjushree Bhandari, Founder Chairman Dr.Vinod Bhandari, Vice chancellor Dr. Jyoti Bindal, Pro-chancellor Dr. Mohit Bhandari and Dr. Mahak Bhandari, Registrar Dr. Anand Misra, Dean Dr. R.R.Wavare & all faculty members and students.

Basant Panchmi Celebration 2023



Basant Panchmi Puja done at SAMC & PGI by respected Chancellor SAU Dr.Manjushree Bhandari & Founder Chairman Dr.Vinod Bhandari and other members of SAIMS family.

Department of Orthopedics



"This is the era of 'cutting edge' in medical science. Installing the fifth generation of robots for performing complex Knee surgeries, Sri Aurobindo Hospital has established the ability to save the lives of hundreds of patients.

Most advanced quaternary care hospitals, takes a mega step forward towards introducing advanced, innovative, and cutting-edge technology to ensure faster and complete recovery of patients requiring joint replacement surgeries by introducing, the innovative robotic joint replacement technology takes a giant leap in ensuring probably the best possible clinical outcome for patients wherein the surgeries can be done with ultimate precision and accuracy, minimal blood, tissue, and bone loss, minimal pain and post-surgery trauma for patients and most important & significantly a quicker post-surgery recovery period for the patients thereby robot-assisted joint replacement surgeries will prove to be a boon for patients.

On 7th January 2023, total knee replacement of 4 patient marked the initiation of beginning of a new era in medical sciences in SAIMS Hospital, Indore.

The advanced and innovative technology used by robotic surgical tools helps the surgeons devise a customised plan based on the uniqueness of the case and the patient's anatomy using a 3-D digital real-time model of the joint and then perform the joint replacement surgery including total and partial knee replacements with greater precision and accuracy. The 3D view helps the surgeon assess and finalise the best choice of implant required for the patient to ensure faster recovery with minimal blood, tissue, and bone loss. Thereby it will ensure a more natural feel and movement of your joint with better longevity and survival of your implant than conventional surgeries or other types of computer-assisted surgeries.

"As clinical experts, our duties are not limited to only diagnosing a disorder and treating it. We invest a lot of our efforts in understanding the latest technologies in medical science that can help ease a patient's pain and our efforts to cure them with minimal damage. Joint replacement surgeries using robot-assisted technologies and surgical tools have made the process more accurate and help us plan these surgeries. I am happy that MOHAK Hospital has taken the initiative to launch a dedicated facility for Robot-assisted joint replacement surgeries and I am sure that this will help patients recover faster with reduced pain, less blood loss, and shorter hospital stay," said Dr. Vinod Bhandari, Founder and Chairman - SAIMS Hospital, Indore.

Citing the necessity of adapting robot-assisted joint replacement surgeries, Dr. Pradeep Choudhari, Prof & Head – Department of Orthopaedics, SAIMS Hospital explained, "The traditional methods of joint replacement surgeries, namely the pre-surgery planning methods such as CT scan and MRIs only gave an understanding of the problems in the joints, however, with robot-assisted surgical tools, we have taken a step forward. Since each patient and their anatomies are unique, we cannot use the same methods of surgery on everyone. With robot-assisted surgical tools, we, now can plan the surgery and make the cuts and implant placement with 100% precision and accuracy. These tools ensure that the patients recover and regain normalcy in their lives faster than usual."

Department of Orthopedic Oncology

Dept. of Orthopedic Oncology operated 2 cases on 13th & 14th January in ground floor OT SAIMS Hospital. The below mentioned cases were live streamed in 3rd floor PG teaching room between 9am to 4 pm in the department of Orthopaedics.

Cases posted - 13th January 2023.

- 1. Ewings sarcoma scapula left - planned Scapulectomy with ECRT*
- 2. Osteoclastoma proximal tibia right - planned for Tumour excision with Megaprosthesis.*

14th January 2023.

- 1. Osteosarcoma distal femur left - planned for tumour excision with megaprosthesis.*
- 2. Chondrosarcoma proximal humerus left - planned for tumour excision with megaprosthesis. It requested to all concern faculties and residents to view the live streaming as it will be a great learning experience.*

Dr Devendra Nayak
Professor
Dept of Orthopaedics SAIMS Indore.

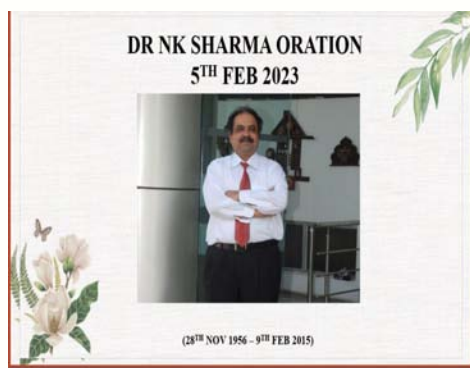
Department of Orthopedics

AO Trauma/AO Recon Course— Comprehensive Periprosthetic Fracture Management of the Hip and Knee (Course with Anatomical Specimens)

January 20-22, 2023
Indore, India

We have conducted 3 days AO Trauma/ AO Recon Periprosthetic Fracture Management of Hip and knee Masters Course with Hands on cadavers at Sri Aurobindo Medical College & PG Institute Indore. 80 experts from India and abroad participated.

The international and National faculties who participated are Dr. Mark Lee (USA), Dr. Rajan Bingham (Australia), Dr. T. Chotanaphuti (Thailand), Dr. Dhaval Desai (Surat), Dr. Sandeep Marya (Delhi), Dr. Mandeep Dhillon (Chandigarh), Countries including Dr. Pradeep Choudhary (Indore), Dr. Ashok Gavaskar (Chennai), Dr. Sandeep Kapoor (Lucknow), Dr. John Mukhopadhyay (Patna), Dr. Rakesh Rajput (Calicut) and Dr. Hemant Mandowara (Indore) About 50 orthopedic specialists from all over the country have participated in this workshop.



Our honourable late Dr N.K. Sharma (HOD, Department of Orthopaedics) had a great role in setting high standards of the department in this institute. It was under his era that we started MS Orthopaedics. It is in his memory that on this auspicious day of 1 Sunday of every February, we have a get together to remember him in the name of Dr N.K. Sharma oration lecture and clinical meeting.

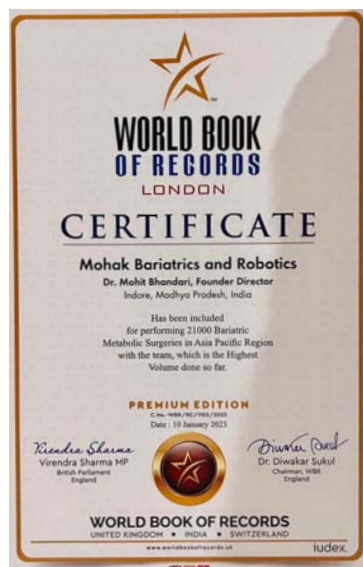
As a clinical meeting is set up with the association of orthopaedic surgeon indore, we invite a national guest faculty every year to acknowledge us with their lifetime experiences with a small discussion on their specialised fields.

This year on 5th Feb 2023 we had Dr. Rajiv Shah, Chairman of Asia-Pacific Foot & Ankle Council, Past president, Indian Foot & Ankle Society, Managing director, Sunshine Global Hospitals, Vadodara.

He is India's first foot & ankle surgeon. He is also the winner of Best Orthopaedic Book award. He enlightened us with his lifetime experiences over ankle & foot surgeries. The oration was inaugurated by our Founder Chairman Dr Vinod Bhandari.

Dr. Pradeep Choudhary
Prof & HoD
Dept. of Orthopedics

Mohak Bariatric & Robotics Surgery Moment of Pride



We are humbled to have been of use in service to over 21,000 individuals in helping them transform lives and get to their new selves. Mohak Bariatrics & Robotics is Asia's highest-volume bariatric and metabolic surgery center undoubtedly and it shall strive towards becoming the world's largest volume. We also assure you that it's not a race on numbers. It's a mission to touch as many lives because WE CARE! The executive director of our hospital Mr. Shantanu Bhagdikar received this felicitation at the NRI summit from the World Book of Records and this one goes to the entire squad at this center from a top to bottom. It's a team effort, not an individual. Congrats folks, no time to celebrate .let's move forward with million times more zeal.



Inauguration of Multimedia Office at SAU, Indore

Event was graced by Dr. Vinod Bhandari, Founder Chairman, Dr. Manjushree Bhandari, Chancellor SAU, Dr. Mohit Bhandari, Pro-Chancellor.



Department of ENT

PUBLIC AWARENESS TALK IN ENT SUPERSPECIALITY ORGANISED



Dept. Of ENT On 30 January - Neuro Otology superspeciality under guidance from Dr Vishal Ratan Munjal organised a “Public Health Talk on Vertigo Awareness “by Dr Anurag Srivastava, Dr Dipti Garg (Physiotherapy Dept) , Mr Ramji Pathak (Audiology Dept). The Focus of the talk was the live performances by the ENT residents Dr Manan, Dr Arvind , Dr Shangorav and Physiotherapy residents where they in local language explained the importance of Early Diagnosis and Early treatment of Vertigo .The fact that Vertigo is no disease but a symptom was highlighted. It concluded with special thanks to the public for participating in the event. It was also followed by a Hands On Workshop on positional Vertigo where residents got a hand on on various maneuvers .Special thanks to Dr Anand Mishra, Mr Nirnay Keshri ,Dr Shekhar Modak, Dr Digant Patni and Dr Praveen Surana .



Dr. Vishal Ratan Munjal
HOD, Department of ENT
SAMC & PGI

Dr. Anurag from dept of ENT was invited as National Faculty in AOICON 2023 JAIPUR at Birla Auditorium where I presented an Invited Talk on “Role and Efficacy of Hydrodebridement in Chronic Rhinosinusitis” Talk was very well received and interesting for the audience. It’s one of the unique talks on this topic with lots of promise it holds for future managements and treatment guidelines regarding Biofilms and it’s tackling in Sinonasal pathologies !



Biofilms are extremely difficult to eradicate due to their decreased antibiotic susceptibility. Inducing biofilm dispersion could be a potential strategy to help combat biofilm-related infections. Mechanisms of biofilm dispersion can basically be divided into two groups, i.e. active and passive dispersion.

Dr. Anurag Shrivastav
Assistant Prof. Department of ENT
SAMC & PGI

Department of Anatomy CADAVERIC OATH CEREMONY 1st M.B.B.S. BATCH 2022-23

Cadaver is every Doctors first teacher. During MBBS 1st Professional year students learn different anatomical aspect on the cadaver. However the most important thing they are expected to learn is empathy, respect, gratitude towards the cadaver and sense of thankfulness to the family who donated the cadaver. To instill these qualities Department of Anatomy of SAMC & PGI, conducted Cadaveric Oath ceremony on 31/1/2023, under the support of Dr. Jayshree Tapadia, Dean student welfare SAIMS University.

During the ceremony Dr. Manjunath V. Motagi Prof. & HOD Anatomy welcomed the students and esteemed faculty members. He enlightened the students on the importance of cadaver as first teacher and emphasized on Cadaveric Oath is the first step towards becoming a Good Doctor. Honorable founder Chairman Dr. Vinod Bhandari sir addressed the students and sensitized regarding body donation, organ donation, organ transplantation and importance of Embalming Techniques for cadaveric workshops to enhance skill development. He also highlighted that SAIMS is actively involved in above mentioned activities.

This was followed by administration of Cadaveric Oath by Dr. S.D. Joshi, Director Professor of Anatomy. All Faculty & students offered flowers as gesture of respect towards cadaver. The whole ceremony could not have been possible without zealous participation of faculty (Teaching & Non-Teaching) of Dept. of Anatomy and HODs & faculties of various Departments.



CME at SAU

Department of Urology



SAU organised CME on 12 th january where 2 very distinguished clinicians delivered their lectures Dr. Sanjeev Mehta, Director of UroLab Ahmedabad delivered his talk on "Urolithiasis Beyond Surgical Intervention". and Dr. Sanjiv Agrawal Consultant Urologist from UK talked about "Ethics & Morality a world beyond" & "Plumbing - It's all about leakage & blockage". The CME was well attended. Our Chairman Dr. Vinod Bhandari presented memento to the guest speakers.



Department of Cardiovascular Sciences



In a CME held on 24.01.2023 our surgery pt which was managed by our PG's Dr Deepika, Deepak and Kunal Darshan and other pgs and Ram Shukla timely and aggressively - Pul embolectomy after laparotomy (2nd post day) was discussed in this CME and well appreciated We all felt happy after saving life of this pt. "Team work always pay."

In the photo Dr. Sanjukta Bhargava (paed cardio) Dr Advait Prakash (Prof Paed surgery) Dr Manoj Kela (Prof Head Surgery) Dr. Shiva Subramanyam (Prof PET CT Dept.) Dr Rakesh Jain (Asso Prof Cardiologist SAIMS) Dr Gaurav Singh (Asst Prof Cardiologist SAIMS)

CME on Knowledge & Research Gap Analysis



Lecture on "Knowledge and Research Gap Analysis" was taken on 23rd Jan.2023 by Dr. Ved Parkas Mishra, Pro Chancellor Datta Megha Institute of Higher Education & Research, Nagpur and Advisory Human Ethics Committee Bangalore.

The occasion was graced by Vice - Chancellor Dr. Jyoti Bindal, Registrar Dr. Anand Misra, Dean R.R. Wavre & all faculty members.

Department of Pediatrics



Dr. Gaurav Mogra was honoured to be scientific committee chairperson for indore pedicon 1st Annual Conference of Indore Academy of Pediatrics and he also delivered a talk on "Surfactant - Past, Present and future"



Dr. Gaurav Mogra
Department of Paediatrics

Department of Pediatrics



Happy to share about our 7 years old patient with type 1 diabetes mellitus with a stormy course (liver abscess ruptured into right pleural space causing empyema with whole right lung collapse with depression) of 2 months. His journey includes Ultrasound guided Pus Drainage, antibiotics, antiamebic, insulin therapy with uneventful decortication surgery. His recovery was smooth with pulmonary physiotherapy. Thanks to the management for waiving off the treatment cost. Special acknowledgment to Dr Swati Mulye, Dr. Advait Prakash, Dr Pankaj Shastri, Dr. Gandhi, Dr. Prachi Shaw, Dr. Nishant Bhargav and Paediatric Department for the support. Perfect example of team work that he was able to blow these 3 balloons himself.

Dr. Ankita Maheshwari
Paediatric Endocrinologist,
Department of Paediatrics

SAIMS Nursing College



SAIMS Nursing College, SAU, celebrated the introduction program of Bsc Nursing 1st semester & GNM 1st year students. Some Glimses of the program.

Dr. Prerna Pandey
Principal, SAIMS COLLEGE of NURSING



Department of Community Medicine



The Department of Community Medicine of Sri Aurobindo Medical College and PG Institute, under the Patronage of our Respected Founder Chairman (Dr. Vinod Bhandari) and Respected Chancellor of Sri Aurobindo University (Dr. Manujshri Bhandari) successfully conducted a Health Camp in a village in Sanwer Block on 20th January 2023.

The activities were planned under able guidance and encouragement of Dr. R.R. Wavare, Dean SAMC & PGI, and supervised by Dr A. R. Deshpande, HOD Community Medicine, and support from the entire Department of Community Medicine. The village where the camp was conducted was Khan Barodiya with free consultation from specialty doctors and medicines in view of quality healthcare. The services of the camp were availed by 159 patients due to keen efforts of the resident doctors of SAMC & PGI with immense response and gratitude from the patients. Patients with serious ailments were then referred to SAIMS Hospital for further management.

Valuable support was provided by The Departments of Surgery, Medicine, Ophthalmology, Pediatrics, Obstetrics & Gynecology and Sri Aurobindo College of Dentistry.

The entire venture was headed by Dr. Apurv Thakur, Associate Professor Community Medicine, Dr. Chetana Deshmukh, Asst. Professor Community Medicine, and Dr. Sana Afrin, Senior Resident Community Medicine with tireless efforts and perseverance of the MSWs of the Department of Community Medicine, Mr. Mohsin Khan and Mr. Sanjay Patel.

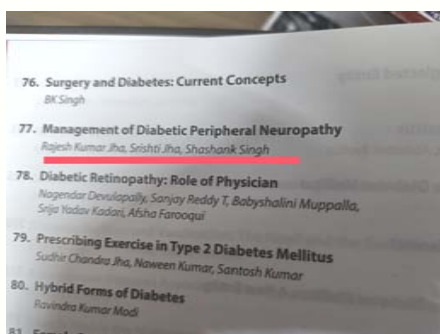
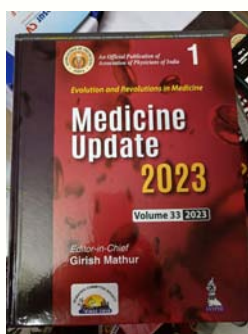


Dr. Ajeet Deshpandey
Pro. & HOD
Dept. of Community Medicine
SAMC&PGI

Congratulations Department of Ophthalmology



Dr. Shreya Thatte, HOD Ophthalmology has been felicitated and got her work recognised at AIIMS Bhopal for outstanding work in Ophthalmology to serve the community by the hands of Shri Mangubhai Patel Honourable Governor of Madhya Pradesh. She was the only Ophthalmologist from Indore to be felicitated.



Dept. of Medicine

Dr. R.K. Jha & Dr. Shruti Jha contributed a chapter "Management of Diabetic Peripheral Neuropathy" in Medicine update 2023 Vol.33.

Proud Moment



Dr. Shruti Jha (PG resident 1st yr.) OBG, was felicitated with Gold Medal from IMA for her outstanding performance during her MBBS in Medicine & OBG.



Gender Aspects of Anorexia Nervosa: the Male

The Male

Hiral Kotadia

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Introduction
Prevalence
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Symptoms and Complications
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Key Facts
Key Facts of DSM (Diagnostic and Statistical Manual of Mental Disorders)
Key Facts of BMI
Summary Points
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Abstract

Anorexia nervosa (AN) is considered to be a disorder of females. However, prevalence (proportion of population having disorder) of AN in males is rising. One of the contributing factors for this could be a better understanding of AN in males and its early recognition. AN varies in males and females in parameter the age of onset, types of symptoms, ideal body image concerns, age of presentation, and treatment. This chapter focuses on the above aspects of AN in males. The goal of the chapter is to sensitize the readers (current and future clinicians,

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H. Kotadia

nutritionists, dieticians, or any other professionals dealing with AN along with other eating disorders) regarding the prevalence and presentation of AN in male population. This may help them to be vigilant and recognize AN in males in the early phase so that early and appropriate intervention could be offered.

Keywords

Anorexia nervosa · Eating disorder · Male · Gender · Body image · Weight · Body mass index · DSM-5 · Body fat

Abbreviations

AN	Anorexia nervosa
BMI	Body mass index
BMR	Basal metabolic rate
CBT	Cognitive behavioural treatment
DSM-5	Diagnostic and Statistical Manual version 5
DSM-IV	Diagnostic and Statistical Manual version 4
EDE-Q	Eating Disorder Examination Questionnaire
FBT	Family-based treatment
Kcal	Kilocalories
...	...

A chapter Authored by Dr.Hiral Kotadia has been published online in book "Eating Disorders".

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https://doi.org/10.1007/978-3-030-67929-3_27-1

1



Dr.Manunath Motagi Chaired a session at Global Congress of Anatomists 69th NATCON. National conference of Anatomical Society of India.

Department of Biochemistry



Dr Kavitarati Dharwadkar has been reviewer of latest edition of D M vasudevan

Dr Kavitarati Dharwadkar delivered guest lecture in a webinar on Prenatal screening and addressed the MD Biochemists and encouraged them to take active part in this.



Dr.Kavitarati Dharwadkar was a guest speaker at ABICON Kerala chapter, held on 9th & 10th feb 2023 and she delivered a talk on Prenatal Screening - Biochemist's Perspective.



Parth Suryawanshi, SR had successfully completed online training programme on -Quality Management System and Internal Audit in Medical Laboratories as per ISO 15189:2022 held on 13 jan 2023.



K.C Sreevalsan, Asst. Prof. has successfully completed CME certificate course in Diabetes Management (CCCDM)



College of Dentistry

Dr.Pradeep Jain was invited as chief guest at Bhopal and felicitated for his contribution to the profession on 05.01.2023.

Department of Radiotherapy



Dr.Saloni, Dr.Anvisha & Dr.Neha got 1st , 2nd & 3rd Prize in Poster competition in Neurooncology meet in JNCH Cancer Hospital Bhopal in January 2023.

Department of Radiodiagnosis



Presentation was done on 24.01.2023 at SAMC&PGI by Dr. Rajkumari on introducing New high end Radiological Machines related to cardiac disease in a Cardiac CME.



Dr. Rajkumari also chaired a session in Indian Radiological Imaging association (IRIA) conference held in Gwalior (M.P.) & was also invited as a guest speaker to speak on screening mamography at 38 IRIA, Gwalior, under National IRIA preventive Radiology programme.



Dr Anjali Gurjar, delivered a talk on fetal spine in MP chapter-state IRIA conference MPCON 2023 which was held at Gwalior.



Department of Physiotherapy

Sports Physiotherapy Services – Open Sub Junior Badminton Championship 2022



Department of Physiotherapy has provided Sports Physiotherapy and Emergency services to the Badminton players who participated in “ Open Sub Junior Badminton Championship 2022” organized by City Gymkhana Badminton Club, Indore. The event was coordinated by Dr. Jeban Daniel. Sports Physiotherapy services were given under the guidance of Dr. Jeban Daniel and Dr. Shekhar Modak

The Physiotherapy team members were One MPT Sports student and 1 intern. The team has successfully managed all the on- field injuries which occurred during the whole event. Advice regarding prevention of injuries was instructed to all the players by the Physiotherapists. Organizers extended their heartfelt thanks to Sri Aurobindo University and the Physiotherapy team for their contribution in the event and awarded the Physiotherapists with certificates for their skilled services.

Dr. Jeban Daniel
Principal, IIMS



Certificate of Appreciation

Mr. Hemant Chaurasiya Principal, College of Nursing attended the 77 th TNAI National Conference on 30th & 31st Jan. 2023 at Guwahati, Assam.

Department of Public Health Dentistry New Initiative

Sri Aurobindo College of Dentistry is engaged in providing Preventive, curative and rehabilitative services at Ankit Dham, Sevadham Ujjain. Department of Public Health Dentistry have started OPD services as a satellite centre from 17th January 2023 to all the inmates of Sevadham Ashram.

The Ashram population have more than 700 inmates consisting of Mentally challenged, orphans and other underserved poor child and adult population. The regular curative services like oral prophylaxis, restorations and extractions are provided on a daily basis by the Public Health Dentistry department along with Pedodontics and Oral Medicine. The specialised care required by the inmates will be delivered on a weekly basis from the doctors of the specialised departments. Till date total 120 inmates have been examined of which 97 inmates have availed regular dental treatment and 5 specialised care.



Oral Health Camp

An oral health screening and treatment camp was organised by the Department of Public Health Dentistry at STC BSF, Indore on 30th January 2023. Oral health education was given to all the BSF personnels to motivate and guide them about maintaining proper oral hygiene. The oral health education was given through power point presentation and brushing technique (Modified Bass) demonstrated on model. Around 101 patient's were screened and treated. The camp was highly appreciated by BSF authorities



**Dr. Prashant Mishra,
Dr. Shantanu Sontake
Dept of Public Health Dentistry**

Prosthodontist Day Celebration 2023, by Department of Prosthodontics, Crown and Bridge, Sri Aurobindo College of Dentistry.

The Department of Prosthodontics, Sri Aurobindo college of Dentistry, Sri Aurobindo University celebrated the World's Prosthodontist Day [every year on 22nd of January]. World Prosthodontist Day is celebrated all over the world to commemorate the contribution of the fraternity of Prosthodontics [speciality that deals with replacement of teeth].

The celebration at Sri Aurobindo college of dentistry had various events lined up for the benefit of students. The purpose is to instil the spirit of this specialty through various competitions which could demonstrate their artistic ability.

The celebration was joined by Dr. Mahak Bhandari, the pro-vice chancellor of Sri Aurobindo University and general secretary SAIIMS, Dr. Kanteshwari IK, Principal of Sri Aurobindo College of Dentistry and various faculty and students of the institute. The celebration was conducted under the guidance of Dr. Anup Vyas, Dr. Sumeet Jain, Dr. Kavita Maru, Dr. Poonam Kulkarni, Dr. Hemant Gadge, Dr. Furkan A Khan, Dr. Aanchal Verma, Dr. Manisha Sharma, Dr. KD Dutta and Dr. Chitra Sharma.

After starting the celebration with the blessings from Almighty, a light-hearted celebration began with various events and games. With the central theme “God Create, We Recreate”, the students demonstrated their talents by active participation in the events such as E-Poster Competition, Reels and Meme making competition, Dumb-charades, Face painting, Tagline competition. The themes of all events revolved around different arrays of prosthodontics.



Case Report 1

Exstrophy-Epispadias Complex in female new-born: Complete single stage repair

Authors: Dr Advait Prakash, Dr Pankaj Shastri, Dr Kunal Mewara, Dr Pooja Parashar

Pediatric Surgery & Pediatric Urology Division, Department of General Surgery, Sri Aurobindo Medical College & Post Graduate Institute.

The exstrophy-epispadias complex (EEC) is a rare spectrum of defects affecting the genitourinary and gastrointestinal tracts, musculoskeletal system, pelvic floor musculature, and bony pelvis. The three most common presentations of EEC are epispadias, classic bladder exstrophy (CBE), and cloacal exstrophy (CE).

CBE is the most common presentation of EEC, occurring in approximately one per 10,000 to 50,000 births [2] and affecting males approximately twice as often as females. Risk factors include Caucasian race, young maternal age, and maternal multiparity. Furthermore, EEC is increased among children conceived with assisted-reproductive technologies such as in vitro fertilization

(i) Genitourinary anomalies : The bladder is normal in epispadias, it is exposed anteriorly through the abdominal wall. The ureters enter the bladder at an abnormal angle leading to vesicoureteral reflux (VUR) in all patients following bladder closure. The bladder and urethra are exposed through a triangular defect in the lower abdominal wall. The opening extends from the umbilicus to the intra-symphyseal band inferiorly.

In EEC females, the distal aspect of the dorsal urethra remains open, resulting in a patulous bladder neck. The mons pubis is flattened and displaced laterally while the vagina and introitus are displaced anteriorly. The bifid clitoris is usually located in the anterior vaginal wall which is surrounded by divergent labia. The vagina is often short or stenotic. Mullerian anomalies are and include vaginal or uterine duplication or sometimes complete agenesis.

(ii) Musculo-skeletal anomalies: diastasis of their pubic rami with divergent distal rectus abdominis muscles.

(iii) gastro-intestinal anomalies : Patients with CBE anteriorly displaced anus and anal sphincter. In combination with the aforementioned pelvic floor muscular deficits, this misaligned anal sphincter predisposes exstrophy patients to fecal incontinence. While CBE patients occasionally have omphalocele, imperforate anus, rectal stenosis, and rectal prolapse

(iv) Neuro-spinal Abnormalities : Approximately 7% of CBE patients will have a spinal abnormality such as spina bifida occulta, scoliosis, and hemivertebrae. Most of the abnormalities are uncomplicated, but spinal dysraphism may cause neurologic dysfunction

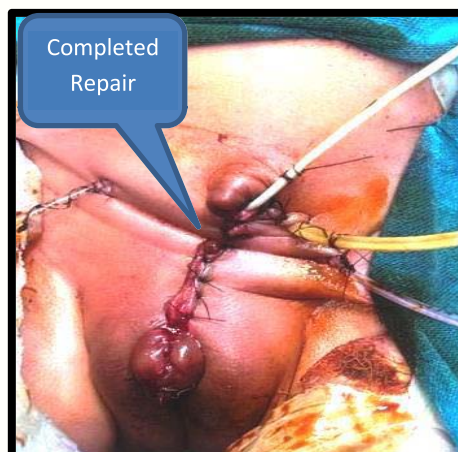
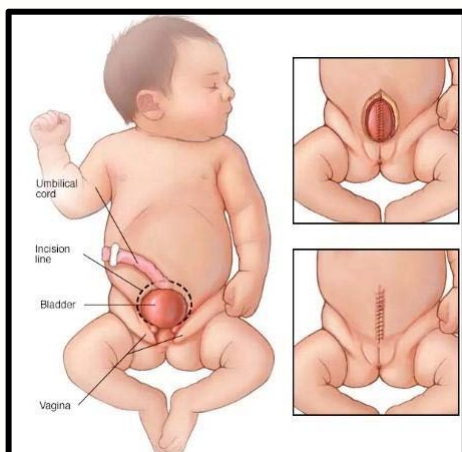
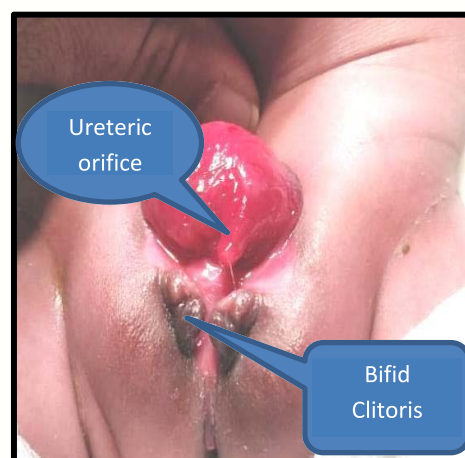
Surgical repair: The bladder plate was mobilized all around and bladder was closed in two layers with vicryl 4-0 sutures with separate drainage for each ureter and also a supra-pubic bladder catheter. Pubovesical and pubourethral ligaments were completely divided from the ischiopubic rami down to the levator plate and caudal to the urethra ascending bilaterally from Alcock's canal to the clitoris. This complete mobilization enables anatomically correct backwards relocation of the bladder deep into the pelvis and prohibits bladder burst.

An oblique incision was performed on each side up to the lateral margin between the upper and lower parts of undamaged trigone, splitting the area between the bladder, posterior urethra and the attached neurovascular bundles. The elastic trigonal muscle was tubularized for urethral prolongation and the anterior bladder wall is reinforced by a second muscular invagination. As the new-born and infant pelvis is soft enough, the symphysis was approximated with the help of figure of 8 nylon 1-0 suture.

The rectus abdominis muscle of both the sides was released from its distal attachments and sutured in midline with vicryl 4-0 sutures. Abdominal wall was closed in layers securing the suprapubic and ureteric catheters. Post-operatively the child was kept on mermaid dressing for two weeks. the child was started on orals after POD-3 and discharged on POD -21. There was slight skin dehiscence at the time of discharge which was repaired later by secondary suturing. The patient is on regular follow up for last 6 months

Complex reconstruction

At the time of bladder neck reconstruction a minimal cutback vaginoplasty may be done to allow free flow of vaginal secretions]. Uterine prolapse is a common problem, especially during pregnancy and childbirth. Bladder exstrophy patients may also require vulvoplasty, including fusion of the bifid clitoris and reconstruction of the mons pubis. At the neonatal bladder closure, the umbilical cord with the umbilical vessels should be preserved and the umbilicus transferred to its natural position. About 15% of female bladder exstrophy patients develop inguinal hernias, usually within a year of the primary closure. Inguinal hernia repair at the time of exstrophy repair may be undertaken, and contralateral repair is advisable in patients with unilateral hernia. Bladder exstrophy repair and subsequent surgical procedures present a daunting surgical challenge, but the abnormality is also a major source of anxiety and stress to the patient and their family. The overall results need to be reviewed in terms of morbidity and mortality, bladder function, sexual function and fertility and psychosexual problems



Conclusion: The aim is to achieve a functional bladder closure, although some patients are better off with a urinary diversion. Considering the complexity of the urogenital problems and the surgical management thereof, all patients require lifelong follow-up. BE is a severe condition that demands medical and family assistance. Nevertheless, it is possible for the bearers of this condition to have a satisfactory and productive lifestyle.

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Case Report 2

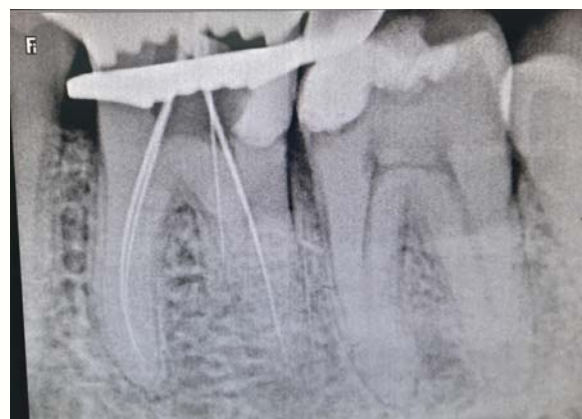
Management of Radix Entomolaris: A case report Department of Conservative Dentistry, Shri Aurobindo College of Dentistry

Authors: Dr. Rahul Vaswani, Dr. Pallav Patni, Dr. Pradeep Jain, Dr. Swadhin Raghuwanshi, Dr. Sonal Singh Arora, Dr. Sanket Hans Pandey, Dr. Katya Pandey, Dr. Shilpi Awadhiya.

CASE HISTORY: A 45-year-old male patient reported to Department of Conservative Dentistry and Endodontics, with chief complaint of pain and discomfort in lower right back tooth from past one month. He gave the history of tooth restoration few years back. On clinical examination it was noticed there was secondary caries associated with dislodged restoration in respect to right mandibular first molar.

DIAGNOSIS: A diagnostic radiograph of mandibular first molar showed restoration close to pulp and presence of an additional distal root (fig. 1). Another radiograph was taken at mesial and distal angulation to confirmed the additional root to be on the lingual side, which confirms the tooth to be Radix Entomolaris. The diagnosis was established as irreversible pulpitis with symptomatic apical periodontitis.

MANAGEMENT: Root canal procedure of the tooth was planned. Local anaesthesia was administered, followed by rubber dam application after which access cavity preparation was done and canal orifices were negotiated with DG-16 explorer. The canal lengths were determined radiographically with #10 K file (fig. 2), cleaning and shaping of the root canal system were done with rotary Neo endo flex file system. 5.25% sodium hypochlorite was used for disinfection of the pulp space and 17% EDTA was used as a final irrigant. Master cone radiograph was taken (fig. 3), canals were dried with absorbent paper points, and obturation was done with gutta-percha cones using AH Plus sealer (fig. 4).



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Shri Aurobindo College of Dentistry

IMA Indore activities Dec. 2022 - Jan. 2023

27-12-2022

Best Branch President Appreciation award to IMA Indore branch was given by National President Dr Sahajanand Singh at Prayagraj. Hon Secretary Dr Manish Maheshwari received the award. Dr.Dilip Kumar Acharya was also given National President Appreciation Award.

20-21-22

January 2023

IMA Indore Cricket Tournament was organized at Yeshwant Club. 12 teams participated in this 3 days event of Tennis ball cricket tournament under floodlights. Indore Titans team won the trophy & Ortho Avengers were runner up.

22nd-01-2023

IMA Indore Annual Conference held at Yeshwant Club hall. Dr Ved Prakash Mishra, Dean Academy, IMA HQ was chief guest & Dr Ravi Wankhedeekar, Ex National President IMA was the Guest of Honour. Dr. Manjushree Bhandari Chancellr SAU & Dr.Neelam Misra V.C. Krishna Instituite were special Guest on Honour. Dr Ved Prakash Mishra read Dr Hardia memorial oration. IMA Gold medals for 2021 & 2022 were given to meritorious students of all medical colleges of Indore. IMA Indore has started awards in various categories to doctors who are doing excellent work in medical & social fields.

1. IMA Dr Satish Shukla Lifetime achievement award was given to Dr C P Kothari.
2. IMA Mr Ashok Maheshwari memorial Mid Lifetime achievement award was given to Dr V P Pandey.
3. IMA Dr D S Rao memorial Oration award was given to Dr Dilip Kumar Acharya.
4. IMA Indore outstanding Male member award was given to Dr Sanjay Londhe.
5. IMA Indore outstanding Female member award was given to Dr K Raisinghani.
6. IMA Seth Murlidharji Gupta memorial award for social services was given to Dr Vinita Kothari.
7. IMA Indore Regional award for exemplary social services was given to Dr Katyan Mishra, Ujjain



IMA Indore New team has taken oath on 22 January 2023



President Dr Anil Bhadoria
Imm Past President Dr Sumit Shukla
President Elect Dr Narendra Patidar
Hon Secretary Dr Vijay Harlalka
Vice President Dr Vallabh Mundra
Dr Jai Pariyani

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Clinical Dr Manoj Bansal
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