



# SAIMS TIMES

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## Latest NGS Sequencing Machine for COVID-19 is in Indore



Sri Aurobindo Hospital, Indore has imported the latest Next Generation Genome Sequencing Machine for characterization and early detection along with identification of various COVID-19 variants. In fact, virus of Covid-19 is made up of RNA, which is

different from DNA and hence it may change its structure and produce new variants very rapidly and frequently. Till now, Alpha, Beta, Gamma, Delta variants of this virus have been identified. Out of which Delta variant in the second wave of Covid-19 has taken a number of lives. Therefore, an early detection and identification of the next possible variant is the most important step in early diagnosis, treatment and management of Covid-19.

Giving this information Senior Scientist and Head of the Molecular and Virology Research & Development Lab (MVRDL) of Sri Aurobindo Medical College & P.G. Institute, Dr. Susmit Kosta has said that this is the first of its kind facility available in Private Sector, which shall not only help in identifying all the variants of Covid-19 in a very early phase but also help in effectively controlling and preventing the third wave of Covid-19. A significant reduction is also possible with this novel diagnostic tool. He said that it will also minimize the time of sample processing and prevent transportation errors and spoiling the quality of samples.

In addition to the genome sequencing of Covid-19, it shall also be useful in identifying and screening of embryos to identify genetic disorders in the early pregnancy and help in preventing these disorders.

It is also helpful in the accurate diagnosis of various types of Cancer such as Acute and Chronic Myeloid Leukemia, Chronic Lymphocytic Leukemia etc., which shall make it possible to ensure proper and personalized treatment of Cancer. Dr. Mahak Bhandari, General Secretary, SAIMS informed that the machine has been imported from USA and is installed and ready for patients at Sri Aurobindo Hospital, Indore. The test kit has also been imported from USA. In the first instance, 40 children & adult patients, although whose have RT-PCR report Negative but are having severe lung involvement shall be investigated and thereafter it shall be used for other patients.



## Endoscopic Suturing Training Course



When two masters come together, an idea becomes a reality! Dr Manoel Galvao Neto and Dr Mohit Bhandari conducted a series of Hands-on Training courses on Endoscopic Suturing and the procedure that is Endoscopic Sleeve Gastropasty. This course was conducted in over five cities across the country, and Gastroenterologists from all over India were keen to attend. A high spike of interest was shown in

understanding this technique as these processes and techniques are relatively new. This led to more than 60 Gastroenterologists attending these courses leading to the massive success of the initiative of both the masters. Each course across each city was carried out over a 2-day duration.

The first destination to host both the mentors was Medcover Hospitals in Hyderabad. The course started with an introduction being given by both the tutors introducing the Endoscopic Sleeve Gastropasty procedure and how it is a procedure that has transformed severely for 5 years in the field of Non-Surgical Weight Loss Procedures.



All participants were also given a Hands-On Training session to understand how different tools and attachments of the Endoscope work. This allowed all participants to try and experiment with the whole system themselves physically.

The next part of the course was a training session on the VET Model, which allowed participants to practice suturing techniques while getting a real tissue experience to gain confidence and develop accuracy and efficiency while performing this procedure.

The next day gave the participants a chance to observe both the masters perform Live Surgery. An ESG procedure was performed, which allowed all the participants to engage in two-way communication with both the tutors and ask them all doubts, questions and queries in regards to the procedures and processes being performed, the tools, the techniques and the systems being used. The tips and tricks of the trade were well delivered by DrManoelGalvaoNeto and Dr Mohit Bhandari to all the participants during this two-day program.

These sessions were also conducted at the Surana Hospital in Mumbai, Trustwell Hospital in Bengaluru, Pushya Hospital In Ahmedabad and the LIMA Lifeline Multispecialty Hospital in Chennai.

The success of these courses was very well noted by the highly positive feedback received from the participants. Participants reviewed the courses by saying that it was wonderfully organized by the Mohak Bariatrics and Robotics team, which was led by such a super team of mentors. They all felt that the course was very well detailed, and it made it seem like an effortless procedure. Many participants also felt that they could implement and introduce the taught techniques in other alternatives in Gastroenterology. They would recommend the course to several others in the area.



## Urology Workshop



**SRI AUROBINDO MEDICAL COLLEGE  
& P.G. INSTITUTE**

*Department of Nephrology & Urology*



**Training on  
Continuous Ambulatory  
Peritoneal Dialysis**



**Date : 2<sup>nd</sup> - 8<sup>th</sup> August 2021**

Workshop on ' CONTINUOUS AMBULATORY PERITONEAL DIALYSIS' was held in Nephrology and Urology Department of SAIMS from 2nd to 8th August with a series of successful events. In collaboration with DGHS ( Ministry of Health, Government of MP), workshop was held in Nephrology and Urology Department..A team of doctors and staff nurses came all the way from Bhopal and Vidisha district hospital..They were

shown live procedures like CAPD catheter insertion, HD catheter insertion(both jugular and femoral), AV fistula creation for HD, Permcath removal..

Moreover live one to one discussion and doubt solving sessions were held.. Various topics related to CAPD and HD were taught to them..Pros and Cons of CAPD vs HD were explained..Live demonstration of CAPD was shown..Pre and Post tests related to topics were taken..

The doctors, staff nurses sent by Government participated enthusiastically and enjoyed the sessions..

This would not have been possible without the cooperation and support of our senior residents of Nephrology and Urology who were active throughout the workshop..

Last but not the least thanks to the staff of SAIMS for their immense support and encouragement.

**Dr.Shraddha Goswami**

( DM Nephrology)





## NGS Orientation Program

An Orientation Program was held on 27th July 2021. It was conducted by Dr. Susmit Kosta, Senior Scientist & Incharge, Molecular & Virology Research & Diagnostic Laboratory. There were various departments who all participated in the orientation program like: Department of pathology, Department of oncology, Department of Neurology, Department of Biochemistry, and Department of Gynaecology etc. The lecture was given by Mr. Harsh Parikh Bioinformatics from ThermoFisher in which he gave:

- Introduction to Ion Torrent Software Suite
- Introduction to Primary Analysis on Torrent Server.
- How to access Torrent Browser and Understanding a run report
- How to work with plugins (e.g. variant calling, coverage analysis)
- Visualization in IGV
- Introduction to Ion Reporter Software
- SARS-Cov-2 data analysis demo
- PGS discussion

He explained the role of NGS in clinical and therapeutical field like how Next-Generation Sequencing (NGS) techniques can retain the potential to open up avenue to identify novel therapeutic target guided drug to pursue and prove as an efficient alternative technology for de novo drug design and remarkable applications that are established in relation to therapeutic diagnosis and treatment of multifactorial diseases including cancer. Since development of new therapies and drug usually takes longer time and require recruiting considerable pools of patients NGS cut down cost of drug development & time by using its unseen potential to identified specific therapeutic target.

He also explained about the bioinformatic applications and told that since the advent of modern sequencing techniques, identification of nucleic acid sequences has become a ubiquitous and essential tool across all areas of biological science bioinformatics is central to the interpretation and application of this biological data. Using mathematical and statistical methods implemented by a wide range of programmatic languages, bioinformatics tools organize, analyze and interpret biological information at the molecular, cellular and genomic level. Therefore, it can be said that combined power of NGS and bioinformatics is vital for diagnostics, medical treatment and epidemiological research.

Talking about the tests that we can perform by NGS are: High-throughput whole viral genome sequencing, such as sequencing of new influenza viruses, for detection of viral genome variability and evolution within the host, such as investigation of human immunodeficiency virus and human hepatitis C virus quasi-species, and monitoring of low-abundance antiviral drug-resistance mutations, Non-Invasive Prenatal Testing (NIPT), Pre-Implantation Genetic Screening (PGS), discovery of novel human viruses, including cancer-related viruses etc.

**Dr. Susmit Kosta**

Senior Scientist & In-charge  
MVRDL, SAIMS, Indore



## New sensory integration unit in SAIMS Occupational therapy department



We are glad to announce central India's biggest sensory integration unit which has been setup at the Occupational Therapy Department under the guidance of our founder chairman Dr. Vinod Bhandari .

It is well equipped with all the sensory equipment for the targeting population like Autism, Spectrum Disorder, Attention Deficit Hyperactive Disorder, Sensory Processing Disorder, Learning Disability and for many more.

It has a big ball pit, colourful lightning, T-swing , Tyre swing, Plank swing , Trampoline, Textured mat, visual spatial wall, music therapy room, hanging ladder, slider, climbing rope and many other things for the need of special child.

## FROM THE MOMENT A BABY IS BORN – EARLY INTERVENTION IN PRETERM BABIES

Each year, 14.9 million children are born prematurely all over the world. Preterm infants are at greater risk of mortality, morbidity , and lifespan sequelae. Early intervention in neonatal intensive care units is applied in order to minimize short-term and long-term consequences of prematurity.

In some children early intervention services is essential in helping child growth and development, often this is needed for the child who are diagnosed at birth with a specific condition or who experience significant prematurity, very low birth weight, illness or surgery soon after being born. Occupational therapy early intervention, helps encourage the baby's physiological stability, serenity, vitality and the ability to interact with their physical and human environment.

A Paediatric Rehabilitation team of Dr. Gunjan Kela (H.O.D. Paediatrics), Dr. Gaurav Mogra (Neonatologist), Dr. Subhash Garg (H.O.D. Occupational Therapy), Somi Pandey and Vishal Rawat ( Occupational therapy

Interns) formed for early diagnosis and intervention. A team of occupational therapy is working in well developed NICU unit for desirable results including oromotor stimulation, vestibular stimulation, reflexmaturation, tactile desensitization and others, these helps baby in many positive ways.





## AUTONOMIC LAB- DEPARTMENT OF CLINICAL PHYSIOLOGY



Dr. Jaishree Tapadia

The Department of Clinical Physiology is starting an Autonomic Lab. This lab would have non-invasive and well-validated clinical tests of autonomic functions that are relatively in wide use. Autonomic testing, also known as autonomic reflex screen or autonomic response testing is a non-invasive test that measures how the nervous system works to control blood pressure, heart rate and sweating. Autonomic functions through these tests would comprise of the sudomotor, cardiovagal and adrenergic functions such as heart rate variability to various challenges, Valsalva maneuver, standing tilt-table studies, and various sudomotor methods.

In today's scenario, these tests that would be happening in the above-mentioned lab are of extreme importance and use because prior conduct of the same has resulted in recognition of milder degrees of autonomic failure and presence of orthostatic intolerance. This is because to conduct these tests there is requirement of an extensive normative database and commercial equipment which would be thoroughly provided by our lab.

In Physiology, testing has generally helped to improve disease recognition and prompted advances in classification, pathophysiology and treatment. Major areas impacted include hereditary and immune mediated autonomic neuropathy, diabetic autonomic neuropathy, distal symmetric polyneuropathy, Parkinson disease and other autonomic failure syndromes, orthostatic intolerance and unexplained syncope. There is usually a plethora of testing required to undermine the cause of syncope, however, Autonomic testing would be a safe way to evaluate patients with syncope further, and to assess their parasympathetic and sympathetic nervous systems. Thus, when the cause of syncope is unclear, Autonomic testing can help to assess the autonomic nervous system, stratify the risk of future episodes and would guide treatment decisions.

Further, the lab would also be helpful in conducting autonomic testing to assists physicians with the diagnosis, evaluation and treatment of:

1. Chronic Fatigue
2. Orthostatic Hypotension
3. Delayed orthostatic hypotension
4. Postural Tachycardia Syndrome
5. Dizziness
6. Abnormal Sweating
7. Poor hemodynamic compensation
8. Movement disorders
9. Small fiber neuropathies
10. Bladder and Bowel dysfunction
11. Assessment of dysautonomia in patients with diagnosis of Parkinson's disease
12. Multiple-system atrophy
13. Diabetes
14. Monitoring disease progression of autonomic disorders and response to treatment
15. Differentiation of Psychogenic from Organic Conditions
16. Evaluation of Syncopal seizures

This lab would consist of Autonomic Technologists to conduct the tests. They would have knowledge and expertise of autonomic physiology and autonomic function tests. They would also have training in the performance of these tests in a standardized fashion.

### Dr. Jaishree Tapadia

Professor & Head

Dept. of Human Physiology,

Convener, Curricular-Sub-Committee (Phase-I) SAMC & PGI, Indore (M.P.)



## Soft embalming technique for skill training



**Dr. Manjunath V Motagi**

As per the newer NMC guidelines, we are moving towards competency based medical education and much emphasis has been given for teaching and assessment of practical and clinical skills along with communication skills. To teach the procedural skills, establishment of skills lab has been made mandatory for all the medical colleges. In this regard our college has already established skill lab. Even though skills have been taught on mannequin but learning surgical procedural skills on cadaver is far more appreciated by students. Even though there is advent of virtual anatomical dissection table, 3D models, videos and so on and so forth, but nothing can replace cadaver for teaching and learning.

Cadavers which are routinely used for dissection for UG students are conventionally persevered by embalming with formalin. Formaldehyde is basically toxic and using formaldehyde leaves the body stiff and fragile, and complicate the understanding of how the body will respond to a particular surgical procedure. As the structures are stiff and fragile it does not give real life like feeling.

A newer embalming technique the so-called Thiel soft-fix embalming method pioneered in Austria that produces near life-like cadavers. This technique retains the body's natural look and feel. Skin and muscles remain flexible, allowing the limbs to be moved, while the body's internal organs are clearly identifiable and respond to the surgeon's scalpel as if alive. Like any practical skill, practice is crucial to learning surgery. Enabling surgeons to try out a technique on a dead body before operating on a live patient allows surgeons to understand anatomy, minimise potential damage and rehearse the procedure before trying it for real.

The benefits of using Thiel embalmed cadavers for training PGs/resident doctors/UGs/interns are absolutely massive as there is no doubt surgical skill-sets are incredibly enhanced. The Thiel embalming technique for obtaining soft embalmed cadavers, even though appears to be best in many centres in the world, it has not been found to be suitable in tropical weather. By modifying Thiel embalming technique we can achieve better embalmed cadavers suitable for the tropical weather. This technique yields cadavers suitable for various surgical simulation exercises.

Department of Anatomy is going to adapt this modified Thiel embalming technique to embalm cadaver and provide better opportunity for UGs/PGs and faculty members to learn and practice some of the surgical procedural skills keeping in mind of elective postings for the students. Cadavers preserved with this technique have been used in the practice of various procedures like orotracheal intubation, orthopaedic procedures, urinary tract endoscopy, abdominal laparoscopy, thyroid surgery, urological procedures, vascular microsurgery etc. It is evident that with the increase of the worldwide knowledge about this technique, the diagnostic and surgical applications will be more and more numerous.

### Dr. Manjunath V Motagi

Professor & Head, Dept. of Anatomy  
SAMC & PGI, Indore (M.P.)

## Attended Online National workshop on Biostatistics



**Dr. Manjunath V Motagi**



**Dr. Kavitarathi Dharwadkar**



**Dr. Jyoti Tilak**



## Integrative Medicine



Shoemaker defines an integrated curriculum as “education that is organized in such a way that it cuts across subject matter lines, bringing together various aspects of the curriculum into meaningful association to focus upon broad areas of study.” There is an ongoing discussion about whether medical curriculum should be discipline based or integrated. There are various systems of medicine to treat various diseases, all are having their own effectiveness in treating the disease.

Keeping this in mind, Sri Aurobindo university has decided to develop, the Centre for Integrative Medicine and Research (CIMR) under the Department of Research, Sri Aurobindo University Indore. The primary aim of this center is to nurture research in the field of Integrative medicine and grow into a hub of excellence within Sri Aurobindo University, Indore.

Integrative Medicine is not synonymous with complementary and alternative medicine (CAM). Integrative Medicine addresses the challenge of medical pluralism existing in the society today. It is a system of health care in which conventional medical options along with CAM therapies are understood and recommended interdependently, according to the needs of the patient.

### Vision

- To nurture and promote research activities in the utilization of modern medicine together with Homeopathy, Ayurveda, Unani, naturopathy, yoga and Siddha and other existing medical systems.
- To bring about an architectural correction and re-inforce the existing public health care delivery system
- To facilitate the use of natural, safe and friendly remedies which are time tested, accessible, acceptable and affordable.
- Wider utilization of Alternative Medicine both domestically and globally.
- To Promote Research in inter disciplinary medical systems.

### Mission

- The Centre for Integrative Medicine and Research is committed to contributing to the growing body of scientific research in the field of integrative health.
- Our focus is on evaluating integrative treatments that address multiple, whole-person aspects of wellness—biological, psychological, social and spiritual.

### Objective:

- The Centre for Integrative Medicine and Research is a facility providing integrative solutions encompassing traditional medical systems and modern medicine to address health concerns.
- To facilitate research collaborations, good quality research programmes with national and international grants, research publications.
- To provide expertise and training to physicians (including modern medicine practitioners and AYUSH practitioners), researchers and PhD candidates

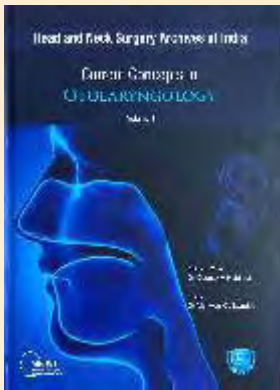
**Dr. Anand Misra**

Registrar

SAU



## Institutional Achievements



Chapter Published in Current Concepts in Otolaryngology Volume 1- ,title “Updates in Rhinoplasty –A Review Article” By Dr.Brajendra Baser,Dr.Praveen Surana, Dr.Pallavi Singh & Dr.Rohan Chaurasia



## Health Day Celebration



## WORLD POPULATION DAY



On the Momentous occasion of World Population day, the Department of Community Medicine organized and hosted a poster competition for the students on 13.07.21. A total of 26 interns of Batch 2016 participated in the event displaying their prodigious talent in creating some of the most masterful works of art which highlighted the

hidden potential of our dear students which is usually overshadowed by their hard work in academia. The occasion was overseen by the entire Community Medicine Department under the esteemed guidance of The Dean (Dr. Wavare), The HOD of Community Medicine (Dr. Deshpande) and Professor of Dept. of Community Medicine (Dr. Madhuri Inamdar). It was also graced by the presence of Dr. Chhaya Goel (Professor Dept. of Pharmacology) and Dr Gunjan Kela (Professor and HOD Dept. of Pediatrics), who in all their wisdom acted as judges for the competition. Choosing the winners proved a difficult task and by a very close margin the winners were selected as follows:

Winners of the contest: I st:Maitreyee Dale II nd: Swati Gupta III rd: Samiksha & Sachin Dwivedi

All the participants were also awarded certificates were for participation.



## World Hepatitis Day

**SRI AUROBINDO MEDICAL COLLEGE & P.G. INSTITUTE  
INDORE (M.P.)**

**Department of Gastroenterology**

**WORLD HEPATITIS DAY 28 JULY, 2021**

**"HEPATITIS CAN'T WAIT"**

**Transmission**

A	B, C, D	E
• Food & Water	• Unsafe sexual practices • Mother to Child • IV drug abuse • Unsafe blood products	• Food & Water

**Prohibited**

- Avoid unsafe sexual practices
- Sharing of IV syringes/razors
- Alcohol Intake
- Contaminated Food & Water

**Recommended**

- Vaccination
- Food And Water Hygiene
- Proper Medical Consultation
- Healthy Life Style

**Dr. Mohd Talha Noor  
MD, DM  
Professor & Head**



"World Hepatitis Day - 2021" was celebrated in the department of Gastroenterology, SAIMS & PGI, Indore on 28/07/2021, attended by Medical Student, patients and general public.

Keeping in view this Year's theme, "Hepatitis can't wait" Prof. (Dr.) M.T. Noor, Professor & Head deliver a talk Emphasizing the for prevention, Screening diagnosis and treatment of Hepatitis related illness. Early detection and treatment can prevent morbidity of Hepatitis related illnesses in the general population.



## BREAST FEEDING WEEK

World breast feeding week was celebrated by Department of Pediatrics and Adolescent Medicine in SAIMS from 1st to 7th August. A series of successful events were conducted throughout the week under the theme of 'BREAST FEEDING - A SHARED RESPONSIBILITY'

Intracollege poster competition of Pediatric postgraduates and nursing students was held with active participation with the help of faculties. The competition was won by Nursing students with excellent creativity.

Intercollege PG quiz was conducted and the winners were MGM medical College followed by Choithram. The event proved very useful and enjoyable and at the same time it showed the tough competition among PG'S.

Intercollege Role play competition was held with participation of nursing staff, postgraduates of Pediatrics and OBG departments. All the participants performed incredible. Winners in this event were OBG postgraduate students followed by Pediatric postgraduate students, from SAIMS. A very close competition was there among all teams .

Role play was done for ANC and PNC mothers at SAIMS and Bhandari hospital, Pardeshipura. Their was an interactive session with mothers for public awareness. The events were meticulously planned and organised by our NICU team -Dr Gaurav Mogra,Dr Harsha Kumavat and Dr Apurwa Kawdiya Singh.

This wouldn't have been possible without their dedicated efforts. Last but not the least , proud for the active participation of all postgraduate students and nursing staff.

Sharing a few glimpses of the events....



**DR. GUNJAN KELA**  
HEAD OF DEPT, PAEDIATRICS  
SAMC & PGI, INDORE( M.P.)

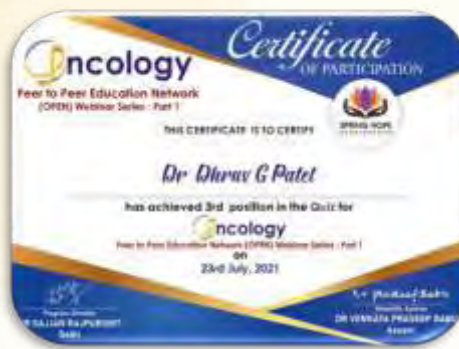


## Certificate of Participation



Dr. Manoj Kela participated as a delegate in FISTULACON 2021 webinar conducted on 18th July.

## Certificate of Achievement



Dr. Dhruv G Patel achieved 3rd position in the Quiz for Oncology on 23rd July 2021.

## Certificate of Completion



Dr. Prachi Paliwal has successfully completed the 6 months course on Clinical Nutrition on 29th June 2021.

## Certificate of Participation



Dr. Manjunath V Motagi Prof & HOD, Dept. of Anatomy had participated in Clinical Embryology held on 2nd & 3rd July 2021.

## E-Conference Attended



Dr. Sonali Agichani attended E-conference in Anatomy-Implications of Anatomy in Forensic Medicine held on 16th & 17th July 2021

## Certificate of Appreciation



Dr. Rakhi Sivakumar Asso. Pro. Depart. of Physiotherapy was invited as a guest Speaker in the Online International Physical Therapy and Healthcare Conference held on 17\_18 July 21 on Female and Male Pelvic Health. She was also a Jury for the Poster presentations held in the Conference.



## Certificate of Appreciation



Dr. Praveen Arora, Professor and Head, Department of Forensic Medicine and Toxicology, was invited as Guest Speaker in Online CME/Webinar organized by SRM Medical College Hospital and Research Centre, Kattankulathur, Tamil Nadu on “Ethical and Legal Aspects of Euthanasia” on 26th July 2021. The webinar was attended by medical teachers, practitioners, and medical students from India and abroad. His talk was much appreciated by both Indian and overseas participants.

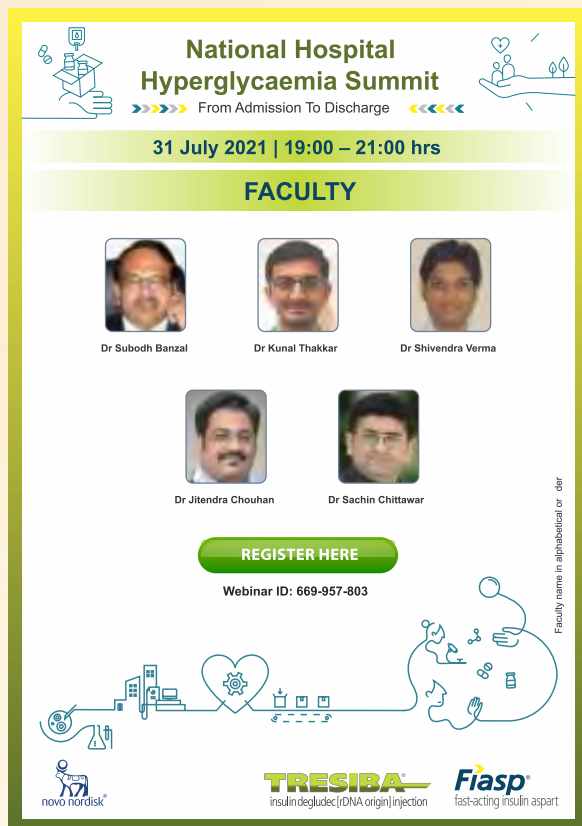
## Guest Speaker for International CME



Dr. Kavitarati Dharwadkar, Prof and Head of Dept of Biochemistry, is invited Speaker for International CME on Teaching Learning and Evaluation methods in CBME, Organised by GIMS, Karnataka. She will be Speaking on Teaching practicals in CBME and will be in the panel discussion. The talk was on 7th August.



## Virtual Meets



**National Hospital Hyperglycaemia Summit**  
From Admission To Discharge

31 July 2021 | 19:00 – 21:00 hrs

**FACULTY**

Dr Subodh Banzal, Dr Kunal Thakkar, Dr Shivendra Verma, Dr Jitendra Chouhan, Dr Sachin Chittawar

**REGISTER HERE**  
Webinar ID: 669-957-803

**TRESIBA** insulin degludec (DNA origin) injection, **Fiasp** fast-acting insulin aspart



**AOSI Virtual Clinical Meet**  
Topic : Smart Apps for Smart Doctors

Date & Time  
4<sup>th</sup> July 2021, Sunday | 11:00am onwards

Orthopaedic learning to a new level with the use of technology, Do's and Don'ts of PowerPoint Presentation

Dr. Neeraj Bijlani, Mumbai, Dr. Pradeep Choudhary, HOD, Dept. of Orthopaedics, SAMC and PGI, Indore

The highlights of the meeting will be

1. Introduction to Ortho Apps
2. Basic Photo Editing on Mobile made easy
3. Whatsapp Tips and tricks
4. Basics of Cloud Storage on Mobile

Dr. Malay Kumar, President, AOSI 2021-22, Dr. Tanmay Chaudhary, Hon. Secretary, AOSI 2021-22

National Hospital Hyperglycaemia Summit was held on 31 July 2021 in which the importance and management of Hyperglycaemia in Covid-19 patient was discussed by Dr. Subodh Banzal & Dr. Jitendra Chouhan along with other faculties.

Virtual AOSI clinical meet conducted on 4th July 2021, on topic – “Smart Apps for Smart Doctors”. Dr. Pradeep Choudhury, HOD, Dept. of Orthopedics, SAMC & PGI, Indore actively participated and also discussed about “Do's and Don'ts of Power Point presentation.”

## Message from the Desk of the Editorial Board, SAIMS TIMES

We are pleased to share with you this issue of our newsletter for the month of August 2021. Our Covid warriors have been continuously engaged in serving the patients at SAIMS and we are even prepared for the third wave.

We invite more and more entries related to article, research papers, publications and active participations from all departments.

**Disclaimer:** The information provided in this magazine is for the information purpose only. The SAIMS Times magazine assumes no liability or responsibility for any inaccurate, delayed or incomplete information. The opinion expressed in each article is the opinion of the author and does not reflect the opinions of the SAIMS Times magazine Editorial Board.



## List of Publications

### Dept. of Oncology

1. Anil Sarolkar, Shashank Singh, Priyusha Bagdare, Virendra Bhandari. To evaluate volume changes on computerized tomography scan and magnetic resonance imaging based delineation during radiotherapy treatment planning in prostate cancer. J Can Res Ther 2021; 17: 379 – 82.

### Dept. of Surgery

1. Rounak Kumar gupta, Dilip kumar Acharya, Sanjay Datey, Kartikye Shukla, Nikita Choudhary, Anubhav Jain, Study of the clinical profile of varicose vein disease, International J of Health sciences and reserch, Volume 11; Issue:8; August 2021.

### Dept. of Community Medicine

1. Sonia Tiwari, Mayank Rahul ,Wavare R R, Assessment of the dietary pattern of the school going adolescent in a rural area (M.P.), IJCAR v Vol 10, Issue 07 (B), pp 24781-24783, July 2021.

2. Mayank Rahul, Sonia Tiwari, Wavare R R, Assessment of risk taking behaviour in adolescents of a rural area in Central India (M.P.), IJCAR, Vol 10, Issue 07 (B), pp 24784-24786, July 2021.

### Dept. of Anatomy

Agichani SR, Medhi B, Harioudh SK. Across sectional study to assess morphometry of upper and of 80 Cadaveric Tibiae in a 3<sup>rd</sup> care centre of central India. J.Evid based Med Health 2021 July; 8 (30): 2349-2570.

### Department of Pediatric and Preventive Dentistry

1. Isani A, Masih U, Joshi K. Ex vivo comparative evaluation of efficacy of disinfecting ability of garlic oil, neem oil, clove oil and tulsi oil with autoclaving on endodontic k files, tested against aerobic bacteria. University j dent scie 2020; vol. 6, issue 3

2. Shrivastava U, Barjatya K, Bhushan AKB, et al. Effectiveness and Parental Perception of Silver Diamine Fluoride Toward Treatment of Dental Caries in Primary Teeth. Int J Clin Pediatr Dent 2020

3. Mohase S, Chand BR, Kumar R, Barjatya K & Manker A. A Mucocele on Ventral Surface of Tongue: A Unique Case Report. University Journal of Dental Sciences, 2021; 7(1) 124 – 126.

4. Rathore K, Rao D, Kumar P, Masih U. Evaluation of a specially designed educational and interventional programme on institutionalized visually impaired children: A prospective interventional study. Spec Care Dentist. 2021; 1–11.

5. Shrivastava U, Barjatya K, Masih U, Chand BR, Manker A, Juneja P. Esthetic rehabilitation with modified Groper's appliance in a four year old child: A case report. Int J Oral Health Dent 2021; 7(1): 65-68.

6. Jain N, Chand BR, Masih U, Juneja P, Barjatya K, Manker A. Management of Inflammatory Fibrous Hyperplasia Using Surgical Excision and Electro Cautery in 10-Year-Old Child: A Case Report. Res Adv Dent 2021; 11: 3: 23-26.



## Department of Pediatrics



Training of Pg's and nursing staff for pediatric Covid preparedness at SAIMS held on 24th July. The participants (Pg's and nursing staff) were from various departments such as of Pediatric, OBG, Anesthesia, Medicine and Respiratory medicine department.



On 29th July, our department held Pediatric Undergraduate Batch 2017 quiz under IAP for Pediatrics. The winners were - Dr Jaydeep Jain & Dr Gourav Sharma. These students will represent SAIMS for intercollege Pediatric Undergraduate quiz under IAP to be held in September.



IAP PG. Pediatric quiz was held on 31st July.

Organizers were Dr Ankita Maheshwari and Dr Anuja Sapre.

It was attended by department of Pediatrics, Pediatric Surgery and OBGY department.

Winners were Dr. Saurabh Soni, Dr Disha Pandya.

These postgraduates will represent SAIMS for divisional round at CNBC, MYH, Indore.



## Know the Department (Department of Ophthalmology)

**Head of Department and Professor-** Dr. Shreya Thatte [MBBS, MS (Ophthalmology) Fellow of Eye Foundation of America]

**Professor-** Dr. Nitin Nema [MBBS, DNB (Ophthalmology), DNB, Fellowship in Vitreoretinal Diseases (UW, Madison, USA), Fellowship in Vitreoretinal & General Ophthalmology (Aravind Eye Hospital, Madurai)]

**Assistant Professor-** Dr. Pragya Prakash [MBBS, DNB (Ophthalmology), Fellow phaco (Arvind Eye Hospital, Coimbatore; Susrut Eye Hospital), Observership Retina (Retina Speciality Hospital, Indore), FRCS..]

**Assistant Professor-** Dr. Seemee Kapadia [DOMS, DNB (Aravind Eye Hospital, Thirunelveli), FPOS (SNC, Chitrakoot)]

**Assistant Professor-** Dr. Sonam Verma [MBBS, MS (Ophthalmology), FMR (Mumbai), Fellow phaco. (SNC, Chitrakoot)]

**Senior Resident-** Dr. Reetika Saxena [MBBS, MS (Ophthalmology), DNB, FICO, FMRF (SN, Chennai), MNAMS]

**Senior Resident-** Dr. Mamleshwari Patil [MBBS, MS (Ophthalmology)]

### TOTAL PUBLICATIONS in 2020- 2021

We are happy to share and congratulate Prof Dr Nitin Nema from our department and Dr SCL Chandravanshi (Associate Professor, SS Medical College, Rewa) on the release of first ever CBME based book in Ophthalmology titled "Basic and Clinical Ophthalmology" our final year post graduate, Dr Chhavi Gupta deserves our heartfelt appreciation for meticulous diagrams providing illustrious touch and the list of various publications from the department have been printed in the previous issues of SAIMS TIMES.

### CONFERENCE/ WORKSHOP/ PRESENTATIONS (ONLINE/ OFFLINE) IN 2020- 21

- Dr Mamleshwari Patil was awarded Gold Medal for excelling in MS Ophthalmology at University level during the convocation ceremony of Sri Balaji Vidyapeeth (Pondicherry) on 26th December 2020.
- At the Annual Conference of All India Ophthalmological Society, Dr Shreya Thatte headed intriguing instruction course on "Refractory infectious keratitis- A Journey from Can See to Cannot See" on June 27th 2021 at Kelman Hall.
- At ISCKRS meet 2020, Dr Shreya Thatte presented paper on Sclerokeratoplasty as invited guest faculty on 2nd August.
- On 4th November 2020, for TALENT SEARCH India- EAST ZONE conducted by Scientific Committee of All India Ophthalmological Society, Dr Shreya Thatte graced the occasion as Judge.
- At 71st International Annual DOSCON (18-20 December 2020), Dr Shreya Thatte presented 3 lectures as invited senior guest faculty:
  1. UBM- A valuable implement in Anterior Segment
  2. Resurfacing Bumps, Dips, Melts, Holes with AMT
  3. Role of AMG in Ocular Surface Disorders
- Dr Sonam Verma as an invited guest faculty at 71st International Annual DOSCON (18-20 December 2020, Hall A) presented 2 original papers titled:
  1. "Anti VEGF Non Responders: A Case Based Series of Tailored and Novel Engineered Strategies"
  2. "Medical Retina: Nuggets from History to Intervention in Fellowship".
 She was also awarded Second position for the former paper.
- At the 37th International Annual Conference of World Ophthalmology Congress (WOC 2020), 26- 29 June 2020, Dr Sonam Verma's poster on "Art of Conversion into Small Incision Cataract Surgery in Combined Vitreo Retinal Surgery in Complicated Uveitis", co authored with Dr S Natarajan, Dr Kavita Rao, Dr Sachin Dharwadkar was presented.



## Department of Ophthalmology

- At the 39th International Annual Conference of American Society of Retina Specialists (ASRS 2020) 24th-28th July 2020, Dr Sonam Verma contributed as an author for poster on- Performance of an “offline” Deep-Learning Algorithm on a Smartphone vs Manual Ophthalmic Grading for Detecting Referable Diabetic Retinopathy in India.
- On January 31st, 2021 Dr Sonam Verma presented at a webinar held by Indore Divisional Ophthalmological Society Annual Conference held by Bombay Ophthalmological Society, on 9th May 2021 at Duke elder hall, Dr Shreya Thatte delivered faculty lecture on “Conquering Pterygium Uncommon Situation”. Dr. Shreya Thatte and Dr. Sonam Verma participated as Panelist and Speaker respectively in a webinar on “Case based discussion on mucormycosis” on 29th May 2021, 7-8:30 pm, held by Indore Divisional Ophthalmological Society.
- Patil M, Sugantharaj V, Hegde S. A prospective clinical study of the incidence of dry eye disease, following manual small incision cataract surgery, in a suburban population of South India. TNOA J Ophthalmic Sci Res 2020;58:69-73.
- Patil M, Sugantharaj V, Hegde SP. An Insight into the Role of Various Factors Involved in the Pathogenesis of Dry Eyes after Manual Small-incision Cataract Surgery: A Mini Review. Ann SBV 2019;8(2):51–53. Our final year PG, Dr Yashas Goyal presented a paper titled- “Efficacy of ipsilateral, focal-simple limbal epithelial transplantation for large primary nasal pterygia” at BOA MOS Summer Focus, Virtual Symposium on 23rd May, 2021

### FACILITIES AVAILABLE

**OPD-** Autorefractometer, Lensometer, Non contact tonometer, Automated keratometer, Manual Bausch & Lomb keratometer, A Scan, Slit lamp examination unit, Direct and Indirect Ophthalmoscopy

**Speciality OPD-** Cornea Clinic, Glaucoma Clinic, Paediatric Ophthalmology and Strabismology Clinic, Retina Clinic

**Minor OTs-** Eye irrigation, chalazion incision and curettage, syringing and probing, corneal scraping, lid repairs, tarsorrhaphy, epilation

**OT-** Cataract surgeries (Phacoemulsification, MSICS), IOL implantation (secondary IOL, Foldable, Non foldable), Keratoplasty, Intravitreal injections and implants, Vitreoretinal surgeries, Paediatric cataract and squint surgeries, Trabeculectomy, Amniotic membrane grafting, Squint correction surgeries, Pterygium excision with conjunctival autograft (glueless, sutureless), SLET, Post traumatic corneoscleral tear repairs, Lid surgeries (ectropion, entropion, ptosis corrections), DCR, DCT, Dermoid excisions, evisceration, enucleation, transcutaneous retrobulbar injections, exenteration.

#### CORNEA CLINIC

- Specular microscopy
- AS OCT (Anterior segment OCT)
- UBM (Ultrabiomicroscopy)
- Foreign body removal & Impression cytology
- Dry eye (computer vision) work up
- Gram's staining, Microscopy and Culture-sensitivity

#### GLAUCOMA CLINIC

- Tonometry- Goldmann's Applanation tonometer, Perkins tonopen, Schiötz tonometer
- Pachymetry
- Gonioscopy
- Perimetry- Portable, Humphrey's field analysis
- OCT- Optic nerve head analysis, RNFL analysis

#### PAEDIATRIC OPHTHALMOLOGY & STRABISMOLOGY CLINIC

- Squint work up (for children and adults)
- Orthoptic evaluation and exercises (Synaptophore)
- Occlusion and Atropine penalization therapies

#### RETINA & NEURO OPHTHALMOLOGY CLINIC

- ROP Screening Unit
- Contrast sensitivity and colour vision testing
- Fundus imaging and Fundus fluorescein angiography (FFA)
- OCT & B Scan (Ultrasonography of eyes)
- Nd: YAG LASER



## DEPARTMENTAL ACTIVITIES

- Glaucoma Awareness and Screening Programme was conducted by Dr Shreya Thatte & Dr Pragya Prakash, our Glaucoma Specialists through multiple camps between January- March 2021 to outreach local population preventing this silently blinding disease.
- Massive school camps were conducted between August- February under guidance of Dr Shreya Thatte & Dr Seemee Kapadia (Paediatric Ophthalmologist) which benefitted 9000 children with the aim of screening for refractive errors and other developmental ocular anomalies.

## DEPARTMENTAL ADVANCES

- Adding to the armamentarium, department OT is now facilitated with Alcon LEGION to provide cutting edge excellence at phacoemulsification surgeries for our cataract patients.
- In OPD this year, we introduced 3 new modalities- specular microscopy (for corneal endothelial cell count), portable perimeter and Perkins tonopen (both for evaluation for bedside glaucoma evaluation).
- Alongside shouldering the fight against second wave of COVID, the entire department left no stone unturned in saving patients of orbital mucormycosis actively managing with TRAMB in most cases and exenteration in one patient.

## EXTRACURRICULAR ACTIVITIES

Dr Sonam Verma was selected and played harmonica at an All India Music Fest on World Music Day (21st June 2021) held by Indian Mouth organists Association.



**Perkins Tonopen**



**Portable Perimeter**



**Specular Microscopy**

## DEPARTMENT OF PATHOLOGY

### Invited Speaker :

Dr Amit V Varma , Professor and HOD , Department of Pathology was invited as Panelist in the Dr KK's MED talks on **COVID -19 CONCEPT CLEARING CONCLAVE** .

Dr Amit V Varma , Professor and HOD , Department of Pathology invited as speaker : Covid 19 lung pathology –A postmortem case study organized by IAPM , INDORE .

### Trainings :

#### Flowcytometry Training :

Dr Kamal Malukani, Dr Shilpi Dosi, Dr Sudarshan Gupta and Dr Suvidhi Wankhede with technical staff Mr. Anirudh Singh Bais and Mr Rahul Pawar from Pathology department successfully completed three days hands on training (21.07.21 to 23.07.21) on flow cytometry machine named Beckman Coulter .

#### Ethics Training :

Dr Shilpi Dosi from Pathology department successfully completed four days national training workshop on Ethics in Biomedical and Health Research : Perception and Practice jointly organised by NUCSER & DST –NU-TEC, Nitte (DU) from 5th to 8th July ,2021.

#### Quiz participation :

Dr Suvidhi Wankhede ( JR III –Pathology ) with Dr Radhika Patidar (JR III –Skin & VD ) had participated in Dermatopathology quiz in the CME & Workshop on Basic Practical Approaches in Dermatopathology organized by Chirayu Medical College and Hospitals ,Bhopal . They had cleared the first round among nine teams.



## Health Awareness “Nukkad Naatak”

Department of Community Medicine, SAMC & PGI awakened people at various places by a series of Health Awareness skits “Nukkad Naatak” as presented by Intern Doctors. The Interns presented the “Nukkad naatak” with a lot of enthusiasm and educated the common people at the Rural Health Training Center (Sanwer), Urban Health Training Center (Pardesipura) and within the SAIMS Hospital premises on topics:

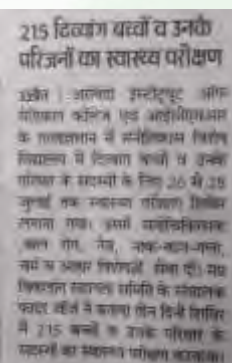
### Violence against Doctors



### Road Traffic Accidents



## Free Medical Camp



SAMC & PGI organized a three days free medical Camp (26, 27&28th July) as a part of ICMR funded project in Manovikas special school (Ujjain). The PI of this project Dr Harshal Gupta and the Post graduate students from department of Paediatrics (Dr.Saurabh, Dr. Siddhart, Dr. Pulkit), Dermatology (Dr Sunayaina, Dr. Manjari, Dr. Jhinik),

Ophthalmology (Dr.Komal, Dr. Rinaz, Dr. Dhruv), Psychiatry (Dr.Rahul, Dr. Anamika), ENT (Dr. Manan, Dr. Shobit, Dr. Shirin) along with a nutritionist (Mr. Homesh) and Clinical Psychologist (Reenu Pandey) provided both preventive and curative treatment to 215 students with intellectual disabilities and their family members. They were referred for specialized treatment to relevant departments of SAIMS.

The event was reported in various newspaper in Ujjain.



## Urban Health & Training Center Activities (UHTC), Pardeshipura for July – Aug 2021.- Dr. Mayank Rahul (In-charge-UHTC)

The Urban Health & Training Center is a satellite unit of Dept. of Community Medicine. It is under the direct control of Dean Dr. R.R.Wavre. All the activities which are being conducted in UHTC are done in strict guidance of our HOD Dr. A.R. Deshpande. His exemplary process of work and continuous support has laid various activities in and out of the premises. Dr. Mayank Rahul is the in-charge of UHTC and takes care of all the activities. Various outreach activity such as Health talk, regular Anganwadi visit, Family Survey of the locality, celebration of Health Days, General Awareness to the local people is usually conducted on routine basis. Here we are sharing few Glimpses of activities done in July and August, which are as follows.



1. **Health awareness talk on “Hepatitis”** by Nursing Students with the help of Skit & Poster making competition on 28th July 2021 at (UHTC), Pardeshipura. The judges for poster making were Dr. Ajit Deshpande (Prof. & HOD Dept. of Community Medicine) and Dr. Madhuri Inamdar (Professor Dept. of Community Medicine). The whole Program was organized by Ms. Kavita Pal, Mr. Hemant Chourasia, Mr. Vivek Trivedi, Ms. Shivani Srivastava (Nursing Faculty).

2. **Awareness Camp regarding “Knowledge and importance of ORS and its correct preparation for use”** was imparted to the patients by SAIMS College of Physiotherapy, Allied health and Paramedical sciences students with the help of Skit at UHTC on 29th July 2021. Dr. Dushyant Kr. Singh & Dr. Subhash Garg successfully coordinated and organized the program.



3. **Health Talk** was given by MBBS 2016 interns on 7th August 2021 at UHTC and Anganwadi, Gali no.3 on the occasion of **World Breastfeeding Week** with the support of Department.

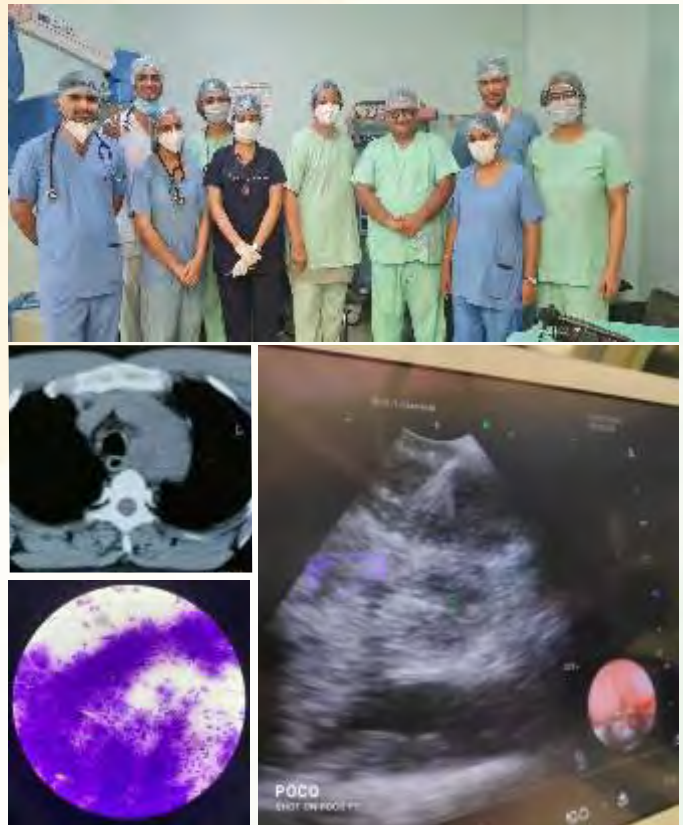
All the above events were graced by our honourable Chairperson **Dr. Manjushree Bhandari** along with our HOD and other faculties from Department of Community Medicine. The enthusiastic participation from all students is very much appreciated. All the events were conducted successfully and the winners along with participants were awarded with certificates.





## Worthful Achievement by Integration

After an anxious wait of several days, an elderly gentleman 300 km away from Indore, being diagnosed with a left sided tumor adjacent to the aorta, had undergone Endo bronchial ultrasound in the OT at SAMC & PGI, INDORE. His procedure started off well with the routine bronchoscopy but as soon as the first EBUS pass was taken he developed ECG changes and very low saturations. His procedure would have been terminated had it not been for the timely confident intervention of HOD & Prof Anesthesia Dr Deepti Saxena experience allowing Prof Dr. Ravi Dosi, to proceed with the procedure and in view of the repeated cardiac and lung problems the procedure needed a early Ending, which was made possible only by the rapid on site evaluation done by Prof Dr Shilpi Dosi, Dept of Pathology Indicating the adequacy of the material with malignant cell and the complicated, procedure performed with the help of all residents, OT staff, ended in 25 minutes ending the silent prayers of the family which had been running from post to pillar for a diagnosis over the past six months.



Thanks to Team Work & the visionary management of SAMC for the facilities.

**By Dr. Ravi Dosi**

Prof.-HOD & TB Chest-Respiratory  
medicine Department

## Proud Moments of Appreciation



Canvas painting done by  
Dr.Prachi Paliwal.  
(Department of Biochemistry)



Live conversation on Vividh Bharti  
Indore by Dr.Jitendra Chauhan  
(Endocrinologist) on 19/7/2021.



## Case Report 1

**Authors :** Dr. Ankita Soni, Dr. Pallav Patni, Dr. Pradeep Jain, Dr. Swadhin Raghuwanshi, Dr. Sonal Singh Arora, Dr. Sanket Hans Pandey

**CASE HISTORY:** A 45 year male patient reported to department of conservative dentistry and endodontic, with chief complaint of pain and discomfort in upper right front tooth from past one week. He gave the history of attempted root canal procedure one week prior to reporting to us. On clinical examination there is a presence of temporary filling with respect to right maxillary canine (13) with signs of tenderness on percussion and palpation. There was no probing depth.

**DIAGNOSIS** – An intra-oral per apical radiograph revealed attempted root canal procedure and perforation with respect to 13 that led to the diagnosis of iatrogenic perforation in 13(Figure 1).

**MANAGEMENT** – The treatment plan was non-surgical management of root canal and sealing of perforation site using bio dentine.

Under rubber dam isolation, root canal of maxillary right canine was located under microscope and working length was determined using radiograph (Figure 2). Cleaning and shaping was carried out using hand protaper with irrigation of 5.25% sodium hypochlorite. Obturation was done with gutta percha and seal apex sealer. The perforation site was sealed with biodentine (Figure 3). The access cavity was filled with glass ionomer cement (Figure 4).



Figure 1: Preoperative radiograph of iatrogenic lateral root perforation



Figure 2: Determination of working length using radiograph

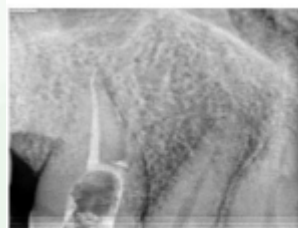


Figure 3: root canal obturation and perforation repair using biodentine.



Figure 4: Postoperative radiograph with glass ionomer cement restoration.



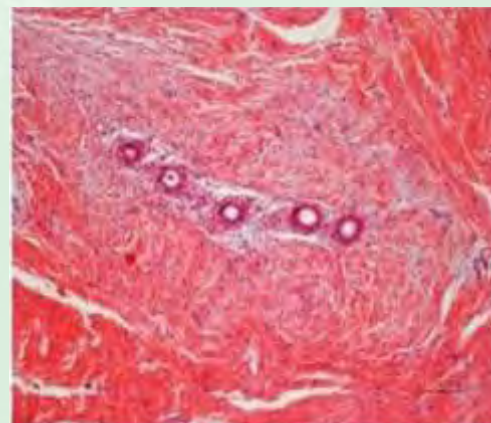
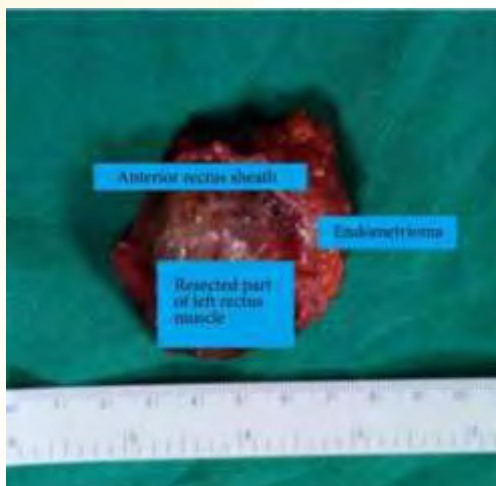
## Case Report 2

### Abdominal wall endometrioma: A diagnostic enigma.

**Dr. Prof Shazi Qureshi, Dr. Ankita Singh, Dr. Supriya Rajput, Dr. Rashmi Rathore.**

Abdominal wall endometriomas are quite uncommon, with the incidence of less than 2%. Awareness of the details of this rare condition is therefore essential for prompt diagnosis and adequate treatment.

A 38 year old female presented with pain in right hypogastric area, at the site of Pfannenstiel incision scar as a result of caesarean section done 7 years ago. Her past medical history was otherwise insignificant. The pain intensity and mass size seemed to increase during menses. On examination a firm pseudotumorous mass of 6 x 4cms was palpated. Due to cyclic pain related to menses and the tumour mass in the site of C-section scar, anterior abdominal wall endometriosis was suspected. Ultrasound with dopplers revealed hypoechoic heterogenous roundish nodule in the right of post operative scar 6x4cms size. MRI evidenced 6x4cms mass confined to right belly of rectus muscle with no abdominal and pelvic cavity involvement. FNAC of mass revealed endometriosis. Elective surgery was performed for presumptive anterior abdominal wall endometrioma. During surgery, straight below the aponeurosis of rectus abdominis muscle, dense tumourous mass was observed and complete excision with 1cm safety area was done. 3\*4cms rectus defect was left in situ. Rectus sheath was closed by continuous prolene suture. Patient stood the procedure well, no symptoms of residual disease noticed on follow up of the patient. The removed specimen was sent for HPR which confirmed endometrial glands and stroma.





## In-House Revised Basic Course Workshop (RBCW)



### NMC Regional Center for Medical Education Technologies

Sri Aurobindo Medical College & P.G. Institute Indore

In-House Revised Basic Course Workshop (rBCW) (For the faculty of Sri Aurobindo Medical College & P.G. Institute, Indore)

**12<sup>th</sup> to 14<sup>th</sup> July 2021**



**Left to Right Sitting:-** (1) Dr. Sunita Mishra (2) Dr. Pooja Reddy (3) Dr. Kavitarati Dharwadkar (4) Dr. Chhaya Goyal (5) Dr. R.R. Wavare (Dean) (6) Dr. Manjushree Bhandari (Chairperson, SAIMS & Chancellor, SAU) (7) Dr. Vinod Bhandari (Founder Chairman, SAIMS) (8) Dr. (Mrs.) S. Bose (Convenor, NMC, RTC, SAIMS) (9) Dr. Nitin Nema (Coordinator) (10) Dr. Rajesh Sharma (11) Dr. K.K. Arora (12) Dr. R.K. Jha (13) Dr. Manjunath Motagi

**Standing 1<sup>st</sup> Row:-** (1) Dr. Harsha Kumawat (2) Dr. Apurva Kawdiya (3) Dr. Swapnil Kumar Barasker (4) Dr. Lalit Bhandari (5) Dr. Dinesh Chouksey (6) Dr. Manish Bhagat (7) Dr. Sudarshan Gupta (8) Dr. Sonia Tiwari (9) Dr. Rupa Chhapparwal (10) Dr. Sarita Modi (11) Dr. Sonali Agichani (12) Dr. Mehar Shikha Verma (13) Dr. Sonam Verma (14) Dr. Nootan Chandwaskar (15) Dr. Neeta Natu (16) Dr. Tanu Shri

**Standing 2<sup>nd</sup> Row:-** (1) Dr. Srikanth Maryada Reddy (2) Mr. Ashish Gaur (3) Dr. Varun Gupta (4) Dr. Praveen Surana (5) Dr. Jyoti (6) Dr. Nirmala Kiron (7) Dr. Supriya Prashant Satpute (8) Dr. Dilip Kumar Acharya (9) Dr. Ajay Lunawat (10) Dr. Anurag Jain (11) Dr. Apoorv Gupta (12) Dr. Mohit Mahoviya



### NMC Regional Center for Medical Education Technologies

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In-House Revised Basic Course Workshop (rBCW) (For the faculty of Sri Aurobindo Medical College & P.G. Institute, Indore)

**22<sup>nd</sup> to 24<sup>th</sup> July 2021**



**Left to Right Sitting** (1) Dr. Kavitarati Dharwadkar (2) Dr. Pooja Reddy (3) Dr. Chhaya Goyal (4) Dr. R.R. Wavare (Dean) (5) Dr. Vinod Bhandari (Founder Chairman, SAIMS) (6) Dr. Manjushree Bhandari (Chairperson, SAIMS & Chancellor, SAU) (7) Dr. (Mrs.) S. Bose (Convenor, NMC, RTC, SAIMS) (8) Dr. Rajesh Sharma (9) Dr. R.K. Jha (10) Dr. Manjunath Motagi

**Standing 1<sup>st</sup> Row:-** (1) Dr. Krishna Gopal Tailor (2) Dr. Harish S. Ghogare (3) Dr. Shahid Abbas (4) Dr. Kailash Bhatia (5) Dr. Pramod Sakhi (6) Dr. Ulhas Mahajan (7) Dr. G. S. Bhatambare (8) Dr. Pushpal S Gandhi (9) Dr. Ravi Kant Jain (10) Dr. Lala B.S. (11) Dr. Gargi Ghosh (12) Dr. Sushmita Mukhopadhyay (13) Dr. Shreya Thatte (14) Dr. Swati Muley

**Standing 2<sup>nd</sup> Row:-** (1) Dr. Ram Krishna Shukla (2) Dr. Ashar Iqbal Lodi (3) Dr. Saurabh Karnawat (4) Dr. Sapna Pande (5) Dr. Seemee Kapadia (6) Dr. Ankita Maheshwari (7) Dr. Kusum Kamal Sikariya (8) Dr. Kudrat Bhangu (9) Dr. Madhuri Inamdar (10) Dr. Amita Lunawat (11) Dr. Neha Solanki (12) Dr. Ashutosh Kumar Saxena (13) Dr. Faiz Ahmed Khan





## Sri Aurobindo University



**Sri Aurobindo Medical College  
& Postgraduate Institute**



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**Sri Aurobindo Institute of Allied  
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Pardeshipura**



**Indore Institute  
of Medical Sciences**



**SAIMS College  
of Nursing, Indore**



**BHRC School  
of Nursing**



**Learning Academy of  
Simulated Education & Research**



**Mohak Hitech  
Speciality Hospital**



**Bhandari Group of Hospitals & Institutions Pvt. Ltd.**

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