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Outstanding Record Congratulations !!



PROVISIONAL CERTIFICATE

Dr. Mohit Bhandari

Director and Chief Surgeon Mohak Bariatrics and Robotics Indore, Madhya Pradesh, India

Has been adjudicated for performing 60 Bariatrics and Metabolic Surgeries (Obesity) in Indore in 12 hours on 07 March 2022 at Mohak Bariatrics and Robotics, Indore Madhya Pradesh, India.

PREMIUM EDITION

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The provisional certificate is valid for period of one month from the date of issue





Congratulations!!



39th Annual Conference of Association of Surgeons of India MP Chapter

MPASICON 2022

Organised By

Dept. of Surgery MGM Medical College & ASI Indore City Chapter



CERTIFICATE

This is to certify that

Dr. Mahak Bhandari

has participated as *Delegate / Faculty / Chairperson* in the 39th Annual Conference of Association of Surgeons of India MP Chapter, **MPASICON 2022** held on 12th & 13th March 2022 at Brilliant Convention Center, Indore, MP (India)

Sugar

Dr Sunil Agrawal Chairman MPASI

friend Chus

Dr Arvind Ghanghoria Organizing Chairman MPASICON 2022

Dr Ankur Maheshwari

Hon. Secretary - MPASI Org. Secretary - MPASICON 2022





MPASICON 2022



Brilliant Convention Center, Indore



Organised By: Dept. of Surgery MGM Medical College & ASI Indexe City Chapter

Dr Mahak Bhandari presented Operative videos on Laparoscopic Mini Gastric bypass.





साल में 120 के बजाय अब 44 दिन हो रही बरसात, परंपरागत तरीकों से ही बनेगी बात

देश के पहले राष्ट्रीय जलयोद्धा सम्मान से अलंकृत उमाशंकर पांडे से खास मुलाकात इंदौर।

मरीजों की सेवा को सतत तत्पर अरबिंदो अस्पताल की ख्याति देश-दुनिया में तेजी से बढ़ रही है। ऐसे में यहां प्रायः कई नामवर विभूतियां भी इलाज के लिए आती हैं। इसी तारतम्य में इलाज के सिलिसले में देश के पहले जययोद्धा सम्मान से अलंकृत प्रख्यात जलसेवक उमाशंकर पांडे का भी अरबिंदो अस्पताल में आगमन हुआ। इस मौके पर उनसे हुई लंबी चर्चा हुई। प्रस्तुत हैं कुछ चुनिंदा अंश

बकौल पांडेजी देश के अनेक हिस्सों में भू-जल स्तर गिरने के साथ-साथ आकाश से बारिश के रूप में मिलने वाले पानी की मात्रा भी कम होती जा रही है। एक दौर में औसतन 120 दिन होने वाली बरसात अब सिमटकर 44 दिन पर सिमट गई है। ऐसे में भविष्य में पानी के लिए त्राहि-त्राहि होने की आशंका से इनकार नहीं किया जा सकता है। इससे बचने के लिए अब हमें पानी बचाने के परंपरागत तरीकों को अधिक से अधिक अपनाना होगा।

ग्रामीणों को जागरुक कर शुरू की मेड़बंदीजल संरक्षण के क्षेत्र में बिना किसी सरकारी मदद के सामुदायिक प्रयास से अभूतपूर्व कार्य करने वाले बुंदेलखंड के सर्वोदयी कार्यकर्ता उमाशंकर पांडे को राष्ट्रीय जल पुरस्कार के तहत जलशक्ति मंत्रालय द्वारा देश के पहले 'सर्वश्रेष्ठ जलयोद्धा' पुरस्कार से सम्मानित किया गया था। वो बताते हैं कि बुंदेलखंड के बांदा जिले में सूखे और बदहाल अपने पैतृक गांव जखनी में पानी के लिए अलख जगाने का काम मैंने 1995 के आसपास शुरू किया था। ग्रामीणों को जलसंरक्षण की आवश्यकता को समझाकर बिना किसी सरकारी मदद के किसानों और श्रमिकों के साथ मिलकर 'मेडबंदी' का काम शुरू किया।

'हर खेत पर मेड़ और मेड़ पर पेड़'इस कार्य को मैंने 'हर खेत पर मेड़ और मेड़ पर पेड़' का नारा दिया। जलसंरक्षण की इस विधि का सुखद परिणाम ये हुआ कि मेरा गांव जखनी अब देश के पहले जलग्राम के रूप में जाना जाता है। यही नहीं अब यहां बासमती की खेती से किसानों ने सम्पन्नता की नई इबारत लिख दी है। पहले यहां मालगाड़ियों में भर-भर पानी भेजा जाता था मगर अब पानी इतनी पर्याप्त मात्रा में यहां उपलब्ध है कि उन्हीं मालगाड़ियों में अब बुंदेलखंडी धान भर-भरकर देश-दुनिया में भेजा जा रहा है।

इस तरह सरकार ने लागू की मेड़बंदीनीति आयोग की जल सलाहकार सिमित के सदस्य श्री पांडे बताते हैं कि जल संरक्षण व भूजल स्तर को बढ़ाने में कारगर जखनी गांव की मेड़बंदी को केंद्र सरकार और राज्य सरकार के परीक्षण के उपरांत लागू की गई। इससे न केवल जखनी जलग्राम बना बल्कि नीति आयोग ने भी जखनी को देश के पहले जलग्राम के रूप में मान्यता दी। इसी तर्ज पर जलशक्ति मंत्रालय ने देशभर में एक हजार से अधिक जलग्राम बनवाये और केंद्र सरकार की अटल भूजल परियोजना भी जखनी मॉडल के आधार पर ही तैयार की गयी।

दो-तीन मीटर ऊपर उठा भू-जलस्तर सबसे बड़ी बात ये कि मेड़बंदी और अन्य उपायों से बांदा, चित्रकूट और हमीरपुर जैसे जिलों में भू-जल स्तर भी दो से तीन मीटर तक ऊपर आ गया। धान के साथ-साथ अब इन इलाकों में बड़ी मात्रा में सब्जियों का भी उत्पादन होने लगा है। अपनी जलग्राम बनाने की योजना मैंने पूर्ववर्ती सरकारों के समक्ष भी रखी थी लेकिन जब मैंने इसकी विशेषताएं तत्कालीन जलमंत्री उमा भारती को बताईं तो उन्होंने इस पर फौरन सहमति दे दी। यही नहीं, स्वयं प्रधानमंत्री नरेंद्र मोदी ने भी अपने मन की बात कार्यक्रम में इस योजना का विशेष उल्लेख किया।

इस तरह मिली पानी बचाने की प्रेरणा श्री पांडे बताते हैं कि करीब 50 साल पहले जब वो काफी छोटी उम्र के थे, उसी दौरान घटी एक मार्मिक घटना ने उन्हें जल संरक्षण की दिशा में काम करने के लिए प्रेरित किया। हमारे गांव से करीब 20 किमी दूर के एक गांव से निकला बूंदी बनाने वाले एक व्यक्ति पानी के अभाव में गंतव्य पर पहुंचने के दो किमी पहले ही मृत्यु हो गई। मेरे दादाजी स्व. शिवराम पांडे ने गांव वालों के साथ मिलकर उसी जगह कुआं खुदवाया ताकि भविष्य में किसी और की पानी की किल्लत के चलते इस तरह मौत न हो। ऐसे ही एक साल हमारे पूरे इलाके में सूखा पड़ा तो दादाजी ने एक हेक्टयेर जमीन सरकार को दान कर वहां तालाब बनवाया। इससे बचपन से ही मेरे मन में जल संरक्षण का बीजांकुरण हो गया था। इसमें स्वं. मां सुमित्रा पांडे ने खाद, पानी कुछ इस तरह डाला कि समझ आते-आते मैंने अपनी राह चुन ली कि और जल संरक्षण और संवर्धन को ही अपने जीवन का मकसद बना लिया।



WOMEN'S DAY CELEBRATION



Department of Physiology under the guidance of Dr. Jaishree Tapadia HOD physiology and convener MBBS phase one organised and celebrated International Woman's Day along with Department of Biochemistry and Department of Anatomy on 8th March, 2022. Female faculty from all the three departments were felicitated by male students. All the heads of the department Dr. Jaishree Tapadia, Dr. Kavitarati Dharwadkar and Dr. Manjunath Motagi delivered key note speeches about the women equality in

every sector of our lives. Department of anatomy did a small but effective role play about the different roles a woman plays in day to day life. Ist year MBBS students also delivered special performances and Showcased their talents like singing, dancing, poetry. Lastly a quiz was done about the first females from their fields by department of physiology, also by the department of physiology Food packets were distributed to needy female children in the hospital premises on this day.









Department of Radiology organized and celebrated International Woman's Day (8th March, 2022)

- -Female faculty, staff members, Residents, were felicitated.
- -Dedicated Mammography and USG Screening of female patients was organized.
- -Women imaging lecture s by Dr Pramod sakhi (Professor), quiz and hands on training by Dr Manish Bhagat (HOD & Professor) of women imaging, MRI mammography, to Residents & staff, was done.
- -Department of Radiology did a small role play, about role of working women in day to day life.
- -Special usg and xray stations for women screening.













Certificates



Dr. S.D. Joshi chaired a session in CME on Expanding Horizons of Anatomy Knowing the Unknown (Department of Anatomy).



Dr. Kavitarati Dharwadkar sucessfully completed IWK online BCBR course in Feb. 2022 (HOD, Department of Biochemistry)



Dr. Ravi Dosi has completed fellowship in Pulmonary Medicine from United Academy Pulmonary Medicine (HOD, Department of TB Chest)



Dr. Sharda Joshi attended 68th NATCON of ASI (Department of Anatomy)

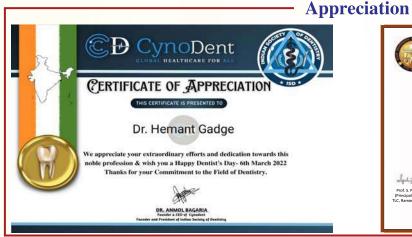


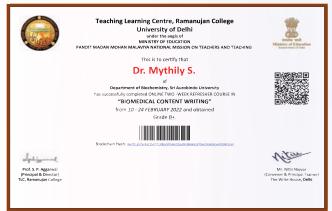
Dr. Pradeep Choudhari participated in INDOCON held in March 2022 (Department of Orthopaedics)



Dr. Shobit Yadav has participated in the 72th Temporal Bone Dissection Course held in feb.2022 at Chennai (Department of ENT).







Dr. Hemant Gadge received certificate of appreciation for his Commitment to the Field of Dentistry.

Dr. S.Mythily completed 2 week Refresher Course in Biomedical Content Writing held in Feb. 2022



Dr. S.Mythily completed 1 day workshop on CADD Approach: Herbal Therapeutics for Anticancer held in Feb. 2022

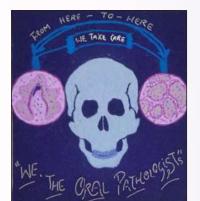


Dr. Kavita Pal has attended Virtual Conference on 8 th & 9 th March 2022.

Congratulations



Dr. Himanshu D. Dhandokar won 1st Prize in Rangoli Competation in Virtual CDE Programe FACT held in Feb. 2022



MPASICON 2022 Department of Surgery



Dr. Rajesh Sharma Chaired seminars on Pancreas " A dilemma for surgeons ", segmental resection of liver and Non cirrhotic portal hypertension.

> Dr. Manoj Kela Chaired Panel Discussion on Bile duct injury and multiple seminars on Esophagectomy, and Laparoscopic mini gastric bypass.





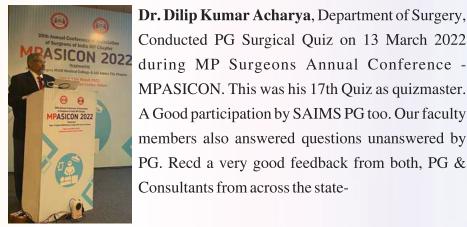
Dr. Sanjay Datey Sharma Chaired seminars on Pancreas " A dilemma for surgeons ", segmental resection of liver and Non cirrhotic portal hypertension

> Dr. Advait Prakash presented seminar on VATS: New vista for General Surgeons and chaired guest lecture on Advanced Pediatric Surgery.





Dr Manoj Kela & Dr Arun Mishra Chairing session during MPASICON



Conducted PG Surgical Quiz on 13 March 2022 during MP Surgeons Annual Conference -MPASICON. This was his 17th Quiz as quizmaster. A Good participation by SAIMS PG too. Our faculty members also answered questions unanswered by PG. Recd a very good feedback from both, PG & Consultants from across the state-



- * Dr abhishek kansal chaired seminar on neoadjuvant treatment in carcinoma rectum and troubleshooting in chemo ports.
- * Dr Arun Mishra chaired seminars on Esophagectomy, and Laparoscopic mini gastric bypass.
- * 5 Residents Dr Nikita Choudhary, Dr Milan jain, Dr Ashita Jain, Dr Shantanu Yadav, Dr Rohit Harchandani participated in PG paper presentation.
- * 8 PG participated in poster presentation. Dr Kunal Mewara was given DR O.P. MISHRA AWARD for Best poster presentation



Certificates

Department of Speech & Hearing

53rd NATIONAL CONFERENCE PARTICIPATION OF FACULTIES

Mrs.Srabanti Khemka (Associate Professor & Academic Director), Mr. Nirnay Kumar Keshree (Associate Professor & Principal) ,Mrs.Kamalika Chowdhury ,(Associate Professor),, Ms. Priyanka Dubey (Assistant Professor) participated in the 53rd National Conference Of The Indian Speech - Language And Hearing Association (ISHACON 2022) on 19th & 20th February 2022 hosted by Mysuru Chapter of Isha (MyISHA).



PUBLICATIONS

* Mohit Mahajan, Naresh Patwa, Shraddha Goswami, Vijay Malviya, Vishnu Shukla, Trishale Chabra, Clinical Profile & outcomes of COVID-19 in Renal Transplant Recipients; J. of Renal & Hepatic Disorders 2021; 6(1) - 10-16

CASE REPORT:

- * Problems Encountered during Radiotheraphy in Head Neck Cancer Patients with Carotid Simus Syndrome:

 A Case Report Taher Manaquibwala, Anmol Verma, Ridhima Ojha, Ruchi Sharma, Virendra Bhandari.
- * Unusual Metastasis to Supra Tentorial Brain from Posterior Fossa Medulloblastoma: A Rare Case Ruchi Sharma, Anand Lodhi, Taher Manaquibwala, Ashar Iqbal Lodhi, Saurabh Karnawat, Virendra Bhandari.
- * Surface Mould Brachytherapy in Recurrent Basal Cell Carninoma of Ala of Nose: A case Report Taher Manaquibwala, Saurabh Karnawat, Ashar Iqbal Lodi, Amresh Kumar, Virendra Bhandari.



आश्विश वयों होते हैं युद्ध ?

क्यों नहीं, पूछते वो स्त्री से सृष्टि की निर्मात्री से। संहार करने से पहले। क्यों कोई नहीं पूछता क्यों।

> एक बार उस मां से। एक बार उस बहन से। बेटी और पत्नी से। जिसका सर्वस्व लुट जाता है। उस खेल मे, जिसे उन्होंने नहीं, किसी और ने खेला था। किसी और के लिए खेला था।

पासे, गोटी रणक्षेत्र चाहे किसी का भी हो। पर हार, हर बार हार होती है। मां की कोख, बहन की राखी और पत्नी के सिंदूर की। हर युद्ध की कहानी कई कई, मांओ के आंसूओं से लिखी जाती है। युद्ध में चाहे कोई भी देश जीते या हारे। हर बार न जाने कितनी मांओ की कोख हार जाती है।

> **डॉ.छाया गोयल** प्रोफेसर, फार्माकालोजी विभाग

"Congratulations"



Dr Disha Ramrakhyani from department of Orthodontics and dentofacial Orthopedics secured 1st position in MDS examination, SAU, in the Batch 2020-21

"LAURELS IN SPORTS" - SAIMS COLLEGE OF NURSING



SAIMS College of Nursing participated in the 'Volcano Inter-College Sports Competition2022 (Indore Region)' and became first runner-up in a cricket match under the captainship of Mr. Dharamveer Carpenter, B. Sc Nursing 4th year.



Congratulations!!



Saloni Tiwari 1st year MBBS student participated in inter college singing competition at IPS academy on 5th March 2022 and secured 1st position, under the guidance of Dr. Jaishree Tapadia (Hod) and student coordinator Dr. Varun Gupta, Dept of physiology.







World Kidney Day on 10th March 2022





Department of Nephrology celebrated World Kidney Day on 10th March 2022. This day is celebrated globally on 2nd Thursday of March every year. With the theme to bridge the knowledge gap to better kidney care, awareness lectures regarding various issues related to kidney diseases and complications secondary to dialysis and chronic kidney diseases with special emphasis on renal diet were held. CKD patients and their family members were counselled and explained regarding their disease and available treatment options. Dialysis staff and nursing staff also attended the programme.

Dr. Shraddha GoswamiDepartment of Nephrology



DEPARTMENT OF ORTHOPAEDICS

FOCUS



An anatomically focused educational initiative was conducted on Sunday 27th February 2022 at BCC, Indore for advances in Traumatology and its current concepts and treatment options. Our Head of the Department, Dept. of Orthopaedics, SAMC & PGI Prof. Dr. Pradeep Choudhari was invited as a guest and had a talk on femoral neck system- A new technique for minimal invasive fixation of femoral neck fracture.



Dr. Dhaval Desai from Surat who is currently chairperson of India AO foundation also blessed with his presence and his knowledge over recent advances in trauma.

Dr. Pradeep ChoudharyHOD, Department of Orthopaedics

SAIMS College of Nursing

WORLD GLAUCOMA WEEK - MARCH 10TH TO 16TH

DATE: 14/03/22, VENUE: EYE OPD AND GROUND FLOOR RECEPTION AREA, TIME: 10 AM – 12PM, THEME: THE WORLD IS BRIGHT, SAVE YOUR SIGHT



We the Medical Surgical Department of SAIMS College of Nursing Indore, celebrated the World Glaucoma Awareness Week on 14th March 2022, under the guidance of Prof. Ms. Chintamani Chouhan, Principal SAIMS College of Nursing and Dr. Basil Varghese, Vice principal SAIMS College of Nursing. The programme was organized by Mrs. Mamta Rathore HOD and Mrs. Vinaya Vijayan Medical Surgical Department. Glaucoma week is observed across the globe from March

10th to 16th with the aim to create more awareness about glaucoma, which will help to prevent blindness in millions of people, by keeping the aim of creating awareness about glaucoma, we organized the poster presentation for B.Sc. Nursing 3rd Year students. The posters were displayed in eye OPD and in the ground floor reception area. Health education was also given by the students to the general public, visiting in the OPD, ensuring the general public knows about glaucoma and its prevention with the aim of reducing glaucoma morbidity.









Dr. Chintamani ChouhanPrincipal, SAIMS College of Nursing



COLLEGE OF PHYSIOTHERAPHY



From college of Physiotherapy On the occassion of World Cancer day 4th February, a free physiotherapy Cancer awareness program was organised by Department of Physiotherapy in association with Department of Oncology. The session was conducted by Dr Rakhi Sivakumar, Professor department of Physiotherapy. During the program the patients were given awareness about the importance of physiotherapy for improving their quality of life and in management of various issues. A session of exercises was also given to the patients with demonstration and their benifits for physical and mental health. A large number of patients were benifited with the event.

Dr. Rakhi Shivakumar

Prof. Department of Physiotherapy

Sports Physiotherapy Services – Club level Badminton Players



Department of Physiotherapy (IIMS and SAIMS) has provided Sports Physiotherapy and Emergency services to the Club level badminton players who participated in "OPEN BADMINTON TOURNAMENT- ARENA CHAMPIONS TROPHY" organized by Arena Badminton Club, Indore from 10th Mar to 13th Mar 2022. The Physiotherapy services were given under the guidance of Dr. Jeban Daniel and Dr. Shekhar Modak.

The Physiotherapy team members were Dr. Rahul and one MPT Sports student. The team has successfully managed

all the on- field injuries which happened to the players during the course of the game.

Physiotherapy team members were appreciated by the organizers and were awarded with certificates for their skilled services.

Dr. Jeban Daniel Principal, IIMS







जन्मजात मूक-बिधरों को सामान्य बच्चों सी जिदंगी दे रहा कॉकलियर इम्प्लांट।



- वर्ल्ड हियरिंग डे के मौके पर श्री अरबिंदो मेडिकल हॉस्पिटल में नन्हें-मुन्ने विशेष बच्चों ने किया अपनी कला का मनमोहक प्रदर्शन।

6 साल के यशवर्धन ने रगों में जोश भरते राष्ट्रप्रेम से ओतप्रोत गीत सबसे आगे होंगे हिंदुस्तानी पर ऐसा शानदार नृत्य किया कि परिसर तालियों की गड़गड़ाहट से गूंज उठा। इस दौरान उनके किसी निष्णांत जिमनास्ट जैसे करतबों ने भी खूब तालियां बटोरीं। तालियों की कुछ ऐसी ही गूंज 10 साल की परिधि शर्मा के परफार्मेंस के दौरान भी उठी, जब उन्होंने तारीफ करूं क्या उसकी जिसने तुम्हें बनाया गीत पर दर्शकों को झूमने पर मजबूर कर देने वाला डांस पेश किया। मगर डांसिंग परफार्मेंस के दौरान सबसे ज्यादा तारीफ 8

साल के शिवम जोशी को मिली जिन्होंने आज के दौर के सबसे हिट गीत तेरी झलक अशर्फी श्रीवल्ली के दौरान फिल्म पुष्पाराज में साउथ सुपर स्टार अर्जुन अल्लू के परफार्मेंस की हबह कॉपी कर सबको सम्मोहित कर दिया।

बात हो रही है वर्ल्ड हियरिंग डे के मौके पर श्री अरबिंदो मेडिकल हॉस्पिटल में पीजी इंस्टीट्यूट के सहयोग से नन्हें-मुन्ने विशेष बच्चों के लिए आयोजित तीन दिनी विशेष कैंप के तहत हुए अभिनव आयोजन की। जिसमें मूक-बधिर बच्चों ने अपनी विभिन्न कलाओं का मनमोहक प्रदर्शन कर उपस्थित अतिथियों के साथ-साथ वहां मौजूद अपने पैरेंट्स और हॉस्पिटल फैकल्टीज का भी मन मोह लिया। बाल प्रतिभा प्रदर्शन में उनके



सहायक बने कॉकलियर इम्प्लांट। जिनसे न केवल उन्हें काफी हद तक सुनाई देने लगा बल्कि उनमें संगीत, लय और ताल की समझ भी पैदा हुई। इसीलिये कार्यक्रम में जहां कई बच्चों ने अपने पसंदीदा गीतों पर डांस परफार्म किया वहीं कई बच्चों ने अपने मनपसंद गीतों और कविताओं की भी प्रस्तुति दी।

कार्यक्रम समन्वयक श्री अरबिंदो अस्पताल के ईएनटी विभागाध्यक्ष डॉ. विशाल मुंजाल ने बताया कि कॉकलियर इम्प्लांट जन्मजात मूक-बिधर बच्चों के लिए भी वरदान साबित हो रहा है। इससे न केवल उनकी श्रवण शक्ति बेहतर होती है बल्कि बच्चे बोलने भी लगते हैं। एक कॉकलियर की कीमत करीब 7.5 लाख रुपये है मगर सरकारी योजना के तहत अरबिंदो अस्पताल में इसे जरूरतमंद बच्चों में पूर्णतः निःशुल्क किया जा रहा है एवं अब तक ५०० से अधिक बच्चे इसका लाभ ले चुके है। कार्यक्रम के दौरान चेयरमैन डॉ. विनोद भंडारी, मेडिकल एजुकेशन डायरेक्टर डॉ. एस. बोस, डीन डॉ. आर. आर. वावरे, प्रभारी कुलपति डॉ. आनंद मिश्रा, डॉ. दिगांत पाटनी, कॉलेज ऑफ आडियोलॉजी एंड स्पीच थेरेपी के प्राचार्य निर्णय कुमार, डॉ. श्रावंती खेमका आदि ने प्रतिभावान मूक-बिधर बच्चों को पुरस्कार प्रदान कर उनका भरपूर उत्साहवर्धन किया।

प्रो. व विभाध्यक्ष, ई.एन.टी. विभाग

Department of Speech and Hearing

Role of integrated yoga in therapeutic management of children with special needs

The word Yoga denotes "to join or yoke together" and it brings the body and mind together into one pleasant experience. Yoga is a spiritual science for the integrated and holistic development of physical, mental and spiritual aspects of our being. The recent advancement in the field of research has proved that Yoga normalizes physiological and psychological functioning.

Children with special needs have several physical and intellectual challenges, which affects their cognitive abilities. Yoga for children with special needs help them to grow at a pace that matches their peer group. Specific yoga poses and postures help children to gain focus and be more responsive. Yoga is a slow and meditative process, so it helps these children to follow directions and increases their attention and focus. It is also empowering because it meets at the current level of individuals and moves forward towards meeting achievable goals, promoting wellness and improved functioning.



Department of speech and hearing, SAIMS conducted yoga therapy sessions with qualified yoga teachers to integrate yoga in therapeutic management of children with special needs. Cochlear implant recipients & children with autism spectrum disorder participated in the group therapy sessions. Yoga therapy in hearing-impaired children develops auditory skills and as a result improves their comprehension abilities to understand complex sentences. It also facilitates imitation of speech sounds, learning of vocal parameters for meaningful expressions. Yoga therapy helps children with autism spectrum disorder in understanding social cues and sensory information from the environment. It enhances eye contact, imitation skills, awareness of breath support, attention span, motor coordination and sensory integration.

"Yoga is a beautiful art of communication with your body. It's a language used to speak up with your body parts" (Vijayshri V. Kumar)



Community Health Nursing Department Activities Month of -March 2022







SAIMS College of Nursing is a unit of SAIMS Medical College and PG Institute Indore (M.P.). All the activities which are being conducted by community health nursing department are done under the guidance of Dr. Chintamani Chauhan, principal SAIMS college of nursing and Ms. Kavita Pal, HOD community health nursing department. Their meritorious support has laid various activities out of the premises.

Various outreach activities such as Pulse polio vaccination duties, educational visits, health education to the community people and general awareness to the local people is usually conducted on routine basis.

Here we are sharing few glimpses of activities done in Month of March 2022

1. Pulse polio vaccination duties – Pulse Polio is an immunization campaign established by the government of India to eliminate poliomyelitis (polio) in India by

vaccinating all children under the age of five years against the polio virus. In order to achieve 100% Pulse polio vaccination in Indore (M.P.), the honorable collector of Indore Shri Manish Singh took the help from various nursing colleges to build a manpower of health workers those can vaccinate the polio drops to a child less than five years old at various focal point in Indore city. 100 B.Sc. final year students from SAIMS College of Nursing, actively participated in Pulse polio vaccination duties. The students participated with full enthusiasm and contributed their full dedication in order to achieve 100% Pulse polio vaccination in Indore city.

2. Sanchi Milk Processing plant Visit - As per the curriculum of B.Sc. nursing 2nd year, students have various educational visits, So for the practical exposure our students, got the opportunity for educational visit at Sanchi Milk Processing plant situated at Mangliya, Indore. Thus students could learn about milk pasteurization at large scale and importance of safe milk supply to the community. During visit Mr. Manoj Sen, Senior inspector of Sanchi Milk plant educate, students regarding milk pasteurization and it's processing.

Waste Disposal plant Visit – Our B.Sc. Nursing Final year students also get the opportunity to visit waste disposal plant situated at Devguradiya in Indore (M.P.). The objectives of this visits are, the students understands the importance of environmental sanitation, why it is important to collect, segregate and recycle the domestic waste for maintenance of environmental sanitation. Junior engineer Mr. Shubham Pal & Ms. Shruti Tyagi explained the students regarding collection of waste from the city and its segregation and also explains the process of recycle and reuse of collected waste.

He also explained about the CNG plant which is developed to produce and collect CNG gas from wet waste. Ms. Kavita Pal, HOD community health nursing department, Dr. Basil Varghese, Vice -Principal Mrs. Mamta Rathore Asso. Professor, Dr. Mansi Choudhary, Asso. Professor, Mr. Hemant Chourasiya Asst. Prof. Ms. Sunny Roba Tirkey Asst. Prof had been successfully organized all the activities with the help of other departmental faculties, and Ms. Shivani Shrivastava & Ms. Shikha Chaturvedi tutor/Clinical Instructor. All the practical exposure helped students to gain knowledge.





DEPARTMENT OF MEDICAL SURGICAL NURSING MEDICO MUSIO PROJECT MODEL EXIHIBITION 2022

On 5th of march B.Sc Nursing, 2nd year students had prepared project exhibition (MEDICO MUSIO EXIHIBITION) In the form of increasing education and practical knowledge of the students. The idea was further fueled by the welcome of honourable chief guest Founder Chairman Dr. Vinod Bhandari, Chancellor of SAU Dr. Manjushree Bhandari, and Pro-Chancellor Dr. Mahak Bhandari and our special guest HOD of Anatomy Dept. Dr. Manjunath V. Motagi, Principal college of nursing SAIMS Dr. Chintamani Chouhan, Principal of BGHI Dr Reshmi Siby, Vice Principal of SAIMS Dr. Basil Varghese. In exhibition students were prepared a working model Through this nursing students demonstrated 1. Hemodialysis:- a machine filters wastes, salts, fluid from your blood 2. Urinary system 3. Structure of Eye 4. SAIMS Campus 5. Smart city 6. Community helper project model 7. Circulatory system:-purification of impure blood in the body 8. Pollution control 9. Digestive system. Along with showcasing various functionalities of the body the students also beautyfully displayed the outline of the smart city project in the exhibition apart from this the students also displayed the entire campus of Shri Aurobindo group and all the facilities available there.

The exhibition was organized under the direction of Principal Mrs. Aruna lele, Associate Prof. Mrs. Sarika soni and Assistant Prof. Mr. Vipul nigam HOD of Medical Surgical Nursing and all faculties of IIMS college of nursing accordingly. project exhibition visited by Dean SAIMS Medical college Dr.R.R.Wavre, HOD of Medicine Dr. R.K Jha, Principal of BHRC Mr. Hemant Choursiya.

Which gathered a whooping response from the student body and teaching staff. Given a medals and certificate of appreciation were distribution amongst the students. The event was a grand success and was highly regarded by all the attendees. The spirit of the event was rooted by the effort of students, faculties and the Presence of respected guest of honors which was well perceived and celebrated.





Department of Nursing International Women's Day Celebration





On 8th March 2022, international women's day celebration was organized by Indore Institute of Medical Science College of Nursing (IIMS college). The motive was to create awareness among every one to respect women of society. Principal Mrs. Aruna Lele and Vice principal Mrs. Sarika soni encouraged faculties to light up their views in front of every one. The girl student made a wonderful rangoli on the meme "Women's are the real

architects of society". Nursing students gave speech on 'Women Empowerment' and made the celebration memorable.

MRS. ARUNA LELE
PRINCIPAL
IIMS COLLEGE OF NURSING



SAIMS COLLEGE OF NURSING & BHRC SCHOOL OF NURSING, INDORE CONDUCTED RANGOLI COMPETITION TO CELEBRATE INTERNATIONAL WOMEN'S DAY (08/03/2022)



SAIMS College of Nursing & BHRC School of Nursing, Indore has conducted 'Rangoli Competition' to celebrate 'International Women's Day' under the supervision of Dr. Chintamani Chauhan, Principal, SAIMS College of Nursing, Dr. Reshmi Siby, Principal, BGHI College of Nursing, Dr. Basil Varghese, Vice Principal, SAIMS College of Nursing & Mr. Hemant Chaurasiya, Principal, BHRC School of Nursing, Indore. The Rangoli competition was based on the International Women's Day theme2022 "Gender equality today for a sustainable tomorrow" (Achieve gender equality and

empower all women and girls) – SDG 5 goal aim to eliminate all forms of discrimination and violence against women in the public and private spheres and to undertake reforms to give women equal rights to economic resources and access to ownership of property, in which 27 teams were participated from all the courses. Dr. Pooja Reddy, Professor, Department of pharmacology, Dr. Namrata Valimbe, Assistant Professor, Anatomy Dept. and Mrs. Aruna Lele, Principal, IIMS College of nursing were evaluated the rangoli competition. GNM 2nd year got 1st prize, B.Sc. 4th year

got 2nd prize, B.Sc. 3rd year and B.Sc. 1st year shared the 3rd prize.

The program coordinators of the competition were Ms. Sunny Roba Tirkey, Assistant Professor, Mrs Anjali Masih, Associate Professor, Dr. Mansi Choudhary Associate





Professor and Ms. Kavita Pal Assistant Professor with all seniors & juniors Tutors.

Dr. Chintamani ChouhanPrincipal, SAIMS College of Nursing





KNOW THE DEPARTMENT DEPARTMENT OF BIOCHEMISTRY



Henry Bence of Bence Jones Protein fame in early 1840s quoted, "Whatever sets forth union of chemistry and medicine tends to promote not only the good of science but also the welfare of mankind."

Early in 1840 regarded as point of origin of discipline "Clinical Chemistry" eventually became accepted term by American Association of Clinical Chemistry and International federation of Clinical Chemistry.

Department of Biochemistry

In our institute is immensely proud to be equipped with all the state of art facilities for Undergraduate, Postgraduate **Teaching- learning, Research and Clinical Laboratory**. All our faculties are actively involved in teaching theory and practicals of MBBS, BDS, BPT, BOT, DMLT, BMLT, Bsc Nursing

As a part of active medical education we have been practicing innovative teaching learning aids for interactive teaching of students like conduct of Online Speech competition for MBBS 2020 batch during COVID on "Clinical Biochemistry Role in COVID-19 Pandemic", role plays during classes, snowball learning, Department Faculties and their few accolades:

Faculty	Non Teaching Faculty
Dr Kavitarati Dharwadkar, Prof and Head	Ranjeet Chouhan – Senior technician
Dr Santosh Fupare, Professor	Subhash Choudhary- Lab Assistant
Dr Prachi Paliwal, Professor	Lakhan Solanki- Peon/ward boy
Dr Mythily S, Asso Prof	Seema Rakesh Chouhan- AayaBai
Dr Ashutosh Saxena, Assistant Professor	
Dr Neha Solanki, Assistant Professor	Clinical Lab technicians: Shalini Nitnaware,
Dr K C Sreevalsan, Assistant Professor	Asha Nair, Vijay, Jalaj, Rakesh, Arun,
Dr Gargi Mishra, Senior Resident	Bhupendra, Ravi , and Trainees
Dr Ankur Sony, Tutor	

Dr Kavitarati Dharwadkar Prof and Head: MD, DNB, ACME, FAIMER, Lean Six Sigma Green Belt.

Recipient of Naseem Firdous Gold medal for ,"Best Pre Clinical Lady", 2002. Has 15 publications in indexed and high impact factor, National and International Level with few being indexed In Scopus and Pubmed. Life Member of AMBI, was State representative of Kerala in 2016. She has delivered various guest lectures/ invited speeches in various National CMEs and Conferences, International conference and IMA. She is active member of MEU of SAIMS and resource faculty for Revised Basic Workshops.

Dr Santosh Fupare Professor: MD, ACME has many publications to his credit

Dr Prachi Paliwal Professor: Msc Phd(Medical Biochemistry) , "Fellowship in clinical nutrition" from Medversity. She has completed certificate course in "Ethics Review of Health Research" NIE-ICMR e-certificate course. She has also done PG diploma in Bio-informatics.

Dr Mythily S Asso Prof: Msc Phd has been guide to paramedical PG, UG, Ph. D students for dissertation and. Has 15 research publications in National and International Journals. Also she has contributed 2 book chapters. Has attended many CMEs and workshops

Dr Gargi Mishra: MBBS MD is proud prodigy of SAIMS Biochemistry

Clinical Biochemistry-Central Clinical Laboratory

Department in coordination with Pathology and Microbiology successfully worked towards NABH. Most faculty have lundergone, ISO 15189, Internal Auditors training.

With generous support from our Hon Chairman and entire management, Central clinical lab—Biochemistry Section has leveled up to Specialized Biochemistry along with Routine Biochemistry.

In recent past, Clinical biochemistry – Central Clinical Laboratory, has witnessed installation of many high end technology based machines followed by training of technicians and faculty.

We are proud to say that SAIMS is the only hospital and laboratory in entire Madhya Pradesh to have FMF approved Perkin Elmer.

KNOW THE DEPARTMENT



Machine training:

- Perkin Elmer, AutoDelfia- for Dual, Quadruple markers, Preeclampsia screening Jan 11th to 14th Jan 2022
- SebiaMiniCap Flex Piercing, Capillary electrophoresis for Serum protein electrophoresis and Hb electrophoresis (30th Nov to 1st Dec 2021)
- Trivitron, For New born Screening (20th-25th Nov 2021)
- Siemens RL 1265 for ABG(25thfeb 2022)
- Siemens RL 1265 ABG training for trouble shooting and collection (March 9th 2022)

Department organsed Invited lectures:

Dr Shweta Bhandari, Professor, Fetal Medicine Specialist delivered an eye opening lecture on

"Prenatal Screening- Eagle eye view" on 20th Jan 2022.

The session was by Chaired by Dr Amit Varma, Prof and Head, Pathology and Lab Director, Central Clinical Laboratory. Followed by group discussion on "Newborn screening" by Dr Kavitarati Dharwadkar



Handing over of IQ,OQ by Perkin Elmer and inauguration of Specialized Biochemistry

February 3rd 2022, our Central Clinical laboratory- Specialized Biochemistry for **Prenatal Screening and Newborn Screening By Perkin Elmer,** was inaugurated and blessed by our Honorable Founder Chairman, Dr. Vinod Bhandari.

The occasion was graced and blessed by Chancellor, SAU, Dr Manjushree Bhandari, Vice Chancellor, SAU, Dr Jyoti Bindal, Pro Chancellor, SAU Dr Mahak Bhandari, Dr Shweta Bhandari.













KNOW THE DEPARTMENT



Departmental training for continual improvement of technicians-Training on:

- 1. ABG sample collection, reporting, ICU staff for in June 2021
- 2. Pre-analytical errors- Hemolytic samples which were affecting the run July 26th 2021
- 3. Vitros, Orthoclinical Diagnostics machine handling, reagent storage, Qc run training by application engineer
- 4. As a part of continual improvement department has conducted training on Quality controls Biochemistry, RCA, CAPA Oct 7th 2021
- 5. Equas Run interpretation RCA CAPA Nov 16th 20Urgent Clinical Notification and delta check (11 March 2022)
- 6. Sample interferences 24th March 2022













Ongoing research Programs

- 1. Study on effect of delayed estimation and effects of storage at 2 to 8degree celcius for 1 week on body fluid ADA estimation Values- Applied for ICMR STS Aashi Aggarwal, 2020 batch, Guide: Dr Kavitarati Dharwadkar
- 2. Comparison of Direct LDL with calculated LDL from different formulas- MLB college External internship/Dissertation Program; Guide Dr Kavitarati Dharwadkar
- 3. Correlation between non HDL and Cholesterol to HDL ratios among the lipid profiles. MLB college External internship/Dissertation Program; Guide Dr Kavitarati Dharwadkar
- 4. Study of Serum Uric Acid levels in Cancer patients- MLB college External internship/Dissertation Program; Guide Dr Prachi Paliwal
- 5. A population based study on selected biomarkers of cardiac function: MLB college External internship/Dissertation Program; Guide Dr Prachi Paliwal
- 6. To explore the oxidative stress among Post Covid-19 survivors visiting tertiary care hospital in Indore district: Applied for ICMR STS, 2020 batch, Guide: Dr Prachi Paliwal
- 7. Effect of age and gender on serum albumin levels. MLB college External internship/Dissertation Program; Guide Dr Mythily S
- 8. Variations in serum transaminases concentration: A single centered study: MLB college External internship/Dissertation Program; Guide Dr Mythily S
- 9. A Population based study on pattern of serum alkaline phosphate in Indore district: MLB college External internship/Dissertation Program; Guide Dr Mythily S



Report on National Oral Pathologist's Day Celebration

The National Oral Pathologist's Day is celebrated all over the country on 25th February to commemorate the birth anniversary of Dr. H.M. Dholakia, who was the 1st Oral Pathologist in the country.

The celebrations began with lamp lightening followed by a welcome speech by Dr. Shradha Jaiswal (Head of Dept, Dept of Oral & Maxillofacial Pathology & Microbiology, Sri Aurobindo College of Dentistry, Indore.) following this prize distribution was done for the competitions(essay competition, Poem composition & short film making on the theme "Close the Care Gap") held on world cancer day (4th February 26, 2022).

This was followed by a scientific session by Dr. Amit Varma (Head of Dept of Pathology, SAIMS, Indore) on the topic" applicability of Pathology in Clinical Practice". The session was very informative and interactive and left the audience spell bound. A lot of myths and facts were discussed regarding Pathology. Also a discussion about the utility of Pathological Tests and their applicability in diagnosis was discussed.

The session ended with vote of thanks delivered by Dr. Bhupesh Bagulkar (Professor, Dept of Oral & Maxillofacial Pathology & Microbiology, Sri Aurobindo College of Dentistry, Indore.)

















Department of Pharmacology & Gastroenterology – Faculty achievement

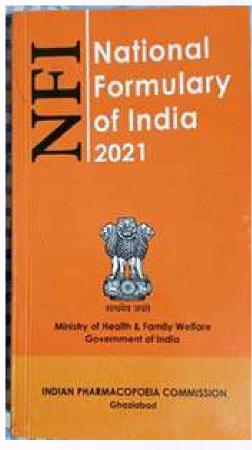






Dr. Chhaya Goyal (Coordinator, PvPI center), Dr. Pooja Reddy (Dy. Coordinator, PvPI center) & Dr. Mohd. Talha Noor (Professor & Head, Dept. of Gastroenterology, SAMC) were specially acknowledged in National Formulary of India (NFI)- 2021 for their active role towards reviewing and updating the drug monographs under the Chapter-2 'Antacids and Antiulcer drugs'.

The National Formulary of India is an authoritative guide to prescribing, dispensing and administering medicines for healthcare professionals. It is essentially meant for the guidance of the members of medical and pharmaceutical profession; medical students, nurses, pharmacists etc.



- Dr Veena Verna, Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi
- Dr A. K Sahai, Dr. Yashwant Singh Parmar Govt. Medical College, Sirmaur, Himachal Pradesh
- 7. Dr Amit Singh, Institute of Medical Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh
- Dr Ananya Mandal, Nilratan Sircar Medical college, Kolkata, West Bengal
- Dr Bhabagrahi Rath, Veer Surendra Sai Institute of Medical Science And Research, Burla, Sambalpur, Odisha
- Dr B. Vasundara Devi, Sri Venkateswara Medical College, Tirupati, Andhra Pradesh
- Dr Balakrishnan S and Dr Ratinder Jhaj, All India Institute of Medical Sciences, Bhopal, Madhya Pradesh
- Dr Asha Pathak, Uttar Pradesh University of Medical Sciences, Saifai, Etawah, Uttar Pradesh
- Dr Bhavana Srivastava, Govt Medical College, Rampur, Haldwani, Uttarakhand
- Dr C. Nagaraja, SDS Tuberculosis Research Centre & Rajiv Gandhi Institute of Chest Disease, Bengaluru, Karnataka
- Dr C. Ramachandra Bhat, Govt. Kilpauk Medical College, Kilpauk, Chennai, Tamil Nadu
- Dr Chhaya Goyal, Dr Pooja Reddy, Sri Aurbindo Institute of Medical Sciences, Indore, Madhya Profesh
- Dr Debasish Hota, All India Institute of Medical Sciences, Patrapada, Bhubaneswar, Odisha
- Dr Dhriti Kumar Brahma, North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences, Mawdiangdiang, Shillong, Meghalaya

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- Mr. R. A. Gupta, Vice President, Indian Hospital Pharmacist's Association (IHPA)
- Mr. Raj Vaidya, Indian Pharmaceutical Associate,
 Community Pharmacy Division
- Dr Ritesh Gupta, Fortis-C-DOC Centre of Excellenter for Diabetes, Metabolic Diseases and Endocrinology
 Fortis Hospital, New Delhi.
- Dr Rupak Singla, Head, Department of TB Respiratory diseases, National Institute of TB Respiratory diseases, New Delhi
- Dr Soumitra Datta, Consultant Psychiatrist, TAI Medical Centre, Kolkata
- Dr. Sanjeev Nair, Govt. Medical College Thiruvananthapuram, Kerala
- Dr. Mohd. Talha Noor, Professor, Sri Aurbind Institute of Medical Sciences, Indore, Madhy Pradesh
- Dr G. Sree Lakshmi, Assistant Professor, Rangaray Medical College, Kakinada, Andhra Pradesh

Adverse Drug Reaction Monitoring Centre-Pharmacovigilance Programme of India (AMC-PvPI) Coordinators who contributed for NFI

- Dr Anamika Thakur, Indira Gandhi Medical College Shimla, Himachal Pradesh
- Dr Manju K Nair, Govt. Medical College. Thiruvananthapuram, Kerala
- Dr Princy Louis Palatty, Amrita Institute of Medical Sciences, Kochi, Kerala
- Dr Sunita Singh, North Delhi Municipal Corporation
 Medical College and Hindu Rao Hospital, New Delhi

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working in hospitals, dispensaries and in sales establishments. This handy book is reviewed and published every 5 years by Indian Pharmacopoeia Commission under Ministry of Health & Family Welfare, Govt. of India. The hard copy of recently launched edition NFI-2021 can easily be procured by visiting following link/QRscan for Rs. 660 only.

https://ipc.gov.in/shop/index.php?route=product/c ategory&path=60



SAIMS SAIMS

Rx knowledge blog

By Dept. of Pharmacology - Read this blog regularly to keep you updated New Approved drug list in India by CDSCO

Month of	Drug name & dose	Indication(s)
approval		
Feb 2021	Tab. Avanafil 50mg,100mg,150mg	Erectile dysfunction
Mar 2021	Omidenepag opth. Soln.	Glaucoma, Ocular hypertension
Apr 2021	Ozenoxacin cream 1%	Impetigo
May 2021	2-Deoxy-D_Glucose sachet	Covid-19 (moderate to severe)
May 2021	Tab. Capmatinib 150mg,200mg	Non small cell lung carcinoma
May 2021	Tab. Rucaparib 200mg, 250mg, 300 mg	Ovarian cancer
June 2021	Cap. Trientine 333 mg	Wilson's disease
June 2021	Inj. Cangrelor 50mg	Reduce risk of periprocedural
		Myocardial infarction
June 2021	FDC of Rifapentine & Isoniazid	Latent tuberculosis (M.tuberculae)
	(300mg/300mg)	
July 2021	Tab. Lemborexant 5 mg, 10 mg	Insomnia
July 2021	Tab. Cetilistat 120 mg	Obesity
July 2021	Cap. Benzonatate	Refractory cough
July 2021	Cap. Cariprazine 1.5mg, 3mg, 4.5mg, 6mg	Schizophrenia, bipolar I disorder
		in adults
July 2021	Inj. Gadoteridol 279.3mg/ml	i.v. use as MRI contrast (head, neck,
		liver, breast, soft tissues, etc.
Aug 2021	Tab. Darolutamide 300mg	Non-metastatic castration resistant
		prostate cancer
Aug 2021	Inj. Tetracosactide 250mcg/ml	Diagnosing adrenal insufficiency
Sep 2021	Tab. Cabozantinib 20mg, 40mg, 60mg,	Advanced renal cell carcinoma,
		hepatocellular carcinoma previously
		treated with sorafenib.
Sep 2021	Cap. Selumetinib 10mg, 25 mg	Pediatric group with neurofibromatosis
		type 1 & inoperable plexiform neurofibromas
Sep 2021	Inj. Biapenem 300 mg	Complicated urinary tract infections (UTI)
Nov 2021	Cap. Tafamidis 61 mg	Wild type / hereditary transthyretin amyloidosis
		in adults with cadiomyopathy (ATTR-CM)
Dec 2021	Cap. Molnupiravir 200 mg	Covid-19 with $SpO2 > 93\%$
Dec 2021	Tab. Selexipag 200 mcg, 400 mcg,	Pulmonary arterial hypertension
	600 mcg, 1600 mcg	(PAH) WHO group I



Case Report 1

Pituitary Carcinoma in paediatric age group: A rare case report.

Somya Sharma, Anand Lodhi, Ashar Iqbal Lodi, Virendra Bhandari - Department of Radiation Oncology

Abstract: Pituitary Carcinoma is a rare neoplasm and presentation in paediatric age group is even rarer (1:1,000,000). In contrast to pituitary adenomas, pituitary carcinomas are more commonly non-functioning. Furthermore, due to the lack of specific markers, the diagnosis of pituitary carcinoma remains difficult prior to demonstration of metastasis. In view of the rarity of this disease, treatment is often difficult to plan. We present a case of seven years age old female who presented with left eye ptosis associated with squint, double vision and headache. Magnetic Resonance Imaging (MRI) Brain revealed large mass lesion in region of sella extending into suprasellar cistern and left parasellar region suggestive of Pituitary Macroadenoma. She underwent partial excision of tumour under neuro navigation. Histopathology suggestive of pituitary lesion with atypical feature. Block review showed pituitary carcinoma. We present here the details of this rare tumour.

Key word: Pituitary carcinoma, Macroadenoma, Paediatric

Title: Pituitary Carcinoma in paediatric age group: A rare case report.

Introduction: Pituitary carcinoma is primary adeno-hypophysial neoplasm with craniospinal and/or systemic metastases.[1]Pituitary tumour in paediatric age group are almost never malignant and hormonal secretion is also rare.[2]Pituitary adenomas accounts for 10% to 25% of all intracranial neoplasm. Depending upon biological functioning Adenoma are benign, invasive and carcinoma. Adenoma 10 mm or more in size are defined as Macroadenoma while smaller than 10 mm defined as microadenoma. Pituitary carcinoma accounts for 0.1 to 0.2% of all adenomas making it rarest.[3][4][5] Since local mass effect is most common mode of presentation, surgery is preliminary indication of treatment followed with adjuvant local Radiotherapy.

Case History: We present a case of seven year old female with initial complaints of left eye ptosis, squint associated with double vision since nine months. MRI Brain revealed mass lesion of size 3.3x4.6x2.7cm suggesting possibility of invasive pituitary macroadenoma for which she underwent partial tumor excision under neuro navigation. Post Operative histopathology report was suggestive of pituitary lesion with atypical feature. Block review suggestive of Pituitary carcinoma. Immunohistochemistry (IHC) markers showed positive synaptophysin, ki 67 proliferating index 70% confirming pituitary carcinoma.

Diagnostic Imaging: MRI Brain revealed mass lesion of size 3.3x4.6x2.7cm in region of sella extending into suprasellar cistern and left parasellar region along dorsal aspect of clivus associated with enlargement and erosion of dorsum sellae along posterior clinoid process and floor with effacement and abutment along floor of third ventricle, also abutting on with displacement of adjacent brain parenchyma of left temporal lobe.(figure 1)

She then Underwent Left frontotemporal craniotomy and partial excision of tumour.

Pathological finding and molecular finding: Block review: tumour composed of round to oval cells having high nucleus to cytoplasm ratio, hyperchromatic to vesicle nuclei with prominent nucleoli and eosinophilic cytoplasm, forming sheath, lobules, and few acini. Tumour giant cell, area of necrosis seen focal area shows oncocytic type of cell with eosinophilic cytoplasm, stroma shows fibrosis, focal area of myxoid change. Few mitotic figures seen. Feature suggestive of Pituitary carcinoma.(figure 2)

Immunohistochemistry report: Cytokeratin(CK) 7 Negative, CK 20 negative, Glial Fibrillary Acidic Protein (GFAP) negative, positive synaptophysin, Ki 67 proliferating index 70%, Intesnsity +++.(figure 3)

Post operative Computed Tomography brain imaging revealed residual soft tissue density mass lesion in sellar and suprasellar cistern extending into left parasellar lesion with associated erosion of posterior clinoid process and dorsum sellae abutting adjacent neuroparenchyma involving left temporal lobe.(figure 4)

Patient planned for Radiation with 50.4Gy in 28 fractions with 1.8Gy per fraction to residual disease and post operative bed.

Discussion: Pituitary adenoma are benign tumor that arise from pituitary gland. It accounts for 10-15% of all intracranial mass lesion, and are relatively common. Tiny microscopic pituitary adenoma are found in one in five adults but most of them remains asymptomatic. The latency period between the diagnosis of benign adenoma and its transformation into malignancy is 0.3 to 18 years as interval between initial diagnosis of adenoma and transformation to carcinoma(mean 6.6;median 5.0 year) as reported by Pernicone et-al. [6] Typically non-functioning pituitary adenoma causes symptoms only when it abuts surrounding brain structure most commonly optic chiasma which manifests as visual field defect and vision loss. Pituitary adenoma primarily is classified as per size of the mass, size smaller than 10mm are microadenoma. Whereas macroadenoma by definition are more than 10mm diameter. Pituitary Adenoma pathogenesis is unknown, most adenoma are sporadic, rarely genetically caused. [7] Hereditary cases of pituitary adenoma represent 5% of all pituatory tumour. [8] Mutation of following genes plays role in development of pituitary adenomas.

ion which

Multiple endocrine neoplasia type I: It is a tumour suppressor gene with loss of function mutation which leads to tumour formation in the pancreatic, parathyroid and pituitary gland.[9]

Multiple endocrine neoplasia type IV (MEN4): MEN 4 has a mutation in the cyclin-dependent kinase inhibitor 1 B gene (CDKN1B) presenting with hyper-parathyroidism, pituitary tumours, testicular, and cervical neuroendocrine tumours.[10] Carney complex (CNC): which is germline mutation of the tumour suppressor gene PRKAR1A which leads to pigmented nodular adrenocortical (PPNAD), thyroid nodules, testicular tumours, spotty skin hyperpigmentation, and acromegaly.

This patient presented with Left eye ptosis since nine months and headache since five days. MR Brain navigation protocol shows mass lesion of 3.3x4.6x2.7cm seen in the region of sella extending into suprasellar cistern and left parasellar region, associated with erosion of dorsum sellae along posterior clinoid process and floor of the sella, associated with elevation of optic chiasma, closely abutting on adjoining optic tracts, displacement of adjacent brain parenchyma of left temporal lobe. The hormone profile initially at the time of diagnosis suggestive of hypopituitarism, hypothyroidism, adrenal insufficiency and hyperprolactenemia. Surgical procedures are very rarely curative due local invasion in the surrounding area. Surgery is basically to relieve the compressive symptoms. Here the patient underwent Left frontotemporal craniotomy and partial excision of tumour. Post surgery hormone profile suggest hypothyroidism, hypopituitarism, pituitary growth hormone deficiency and hence started on hormonal therapy. Radiation is used to control growth and spread of disease by preventing regrowth of tumor in large or partially excised mass. 45-55 Gy dose has been recommended for the primary tumour, Whole Brain Radiotherapy (WBRT) for brain metastasis, and stereotactic radiosurgery for small isolated lesion.[6] Here she has been planned for 50.4Gy in 28fractions with 1.8Gy per fraction. There is no standardized protocol for chemotherapy. Various treatment combinations including Temozolamide(TMZ), cisplatin, carboplatin, etoposide, procarbazine, dacarbazine, paclitaxel, vincristine, methotrexate, cyclophosphamide and doxorubicin. TMZ has been widely used and effective2. TMZ along with Radiation may be used. TMZ is utilized as a radio-sensitizing agent along with EBRT followed by TMZ as a monotherapy.[2]

Conclusion:Pituitary carcinoma may be observed in paediatric age group, although rare. Rapid diagnosis leads to timely and appropriate medical and surgical treatment and decreasing the morbidity and mortality risks.

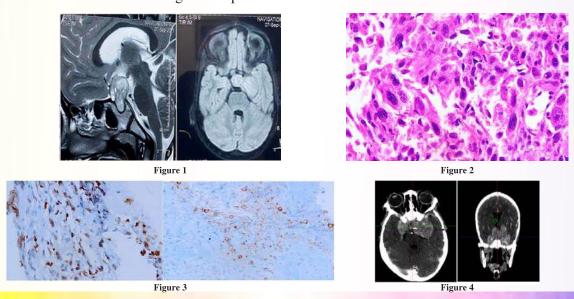
Legends

Figure 1: Pre OP MR Brain Navigation Protocol showing characteristic large defined extraaxial mass lesion extending into left perasellar region also linear extension along dorsal aspect of clivus on left side associated with enlargement of the sella with erosion of floor of sella.

Figure 2: Histopathological examination showing round to oval cell with prominent nucleoli, forming sheath, lobules and few acini. Tumour giant cells, area of necrosis are seen (40x)

Figure 3: Immunohistochemistry in pituitary carcinoma for Ki 67 proliferating index 70%, Synaptophysin positive.

Figure 4: Post OP CT Brain-Transverse and coronal section showing Residual heterogeneously hyperdense soft tissue density mass lesion in sellar and suprasellar cistern extending into left parasellar region with associated erosion of posterior clinoid process and dorsum sellae involving left temporal lobe.





Case Report 2

CGM – A boon to manage extreme spectrum of sugars!!!

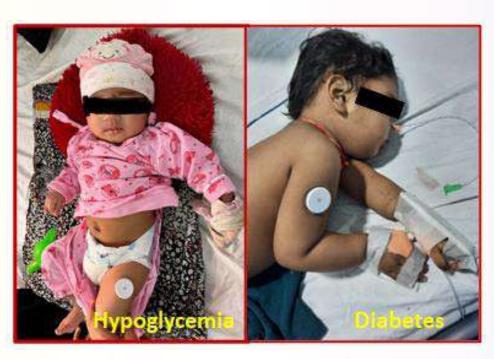
Dr Ankita Maheshwari, Dr Swati Mulye, Dr Gunjan Kela - Department of Paediatrics

2 patients ,19 months old boy with severe Diabetic ketoacidosis and 4 months old with recurrent hypoglycemic seizures were admitted in PICU at SAIMS. 19 months old boy had severe acidosis, low GCS, very high sugars & signs of cerebral edema; treatment was initiated with i.v fluids & i.v insulin with requirement of frequent blood glucose monitoring. CGM sensor was inserted for non-invasive hourly sugar monitoring, thus making modification of fluids and insulin easier as per sugars. Patient improved in 48 hours with resolution of acidosis and hyperglycemia. Oral feeds were started but it was again a challenge as the child was taking frequent feeds with need of insulin doses before each feed. With continuous glucose monitoring, sugars were controlled well with pre-meal insulin boluses.

The other patient, 4 months old girl had different spectrum of sugar, i.e.hypoglycemia. she had repeated seizures since day 3 of life, was on anti-epileptics with no response. Induced fast was planned but again challenge was to perform it safely in a young child with sugar monitoring every 10 minutes. Continous glucose monitoring with sensor was done, hypoglycemia was induced after 2 hours of fast and critical samples sent confirmed the diagnosis of hypopituitarism (Cortisol, growth hormone & TSH deficiency). She was started on cortisol & thyroxine replacement with plan to start growth hormone later. No further hypoglycemia was documented after initiating treatment.

CGM is available commercially since year 2000 and has revolutionized monitoring of diabetes in children and adults. It provides real time display of blood glucose without needle pricks and can be safely used in all age groups.

*Special thanks to our respected Chairman Dr Vinod Bhandari and administration to make CGM sensor available under Ayushmann.





Case Report 3

"Periprosthetic fracture post total knee replacement"

Prof Dr. Pradeep Choudhari, Dr. Neeraj Jain, Dr. Rishabh Chouhan, Dr. Aayush Kumar Soni, **Department of Orthopedics**

A 48 year old female presented to us with bilateral OA knee grade 4 with varus deformity. We did a conventional total knee replacement right knee joint. The patient was mobilized full weight bearing the very next day with an early knee range of

motion.





POST TKR X-RAY

But the things were not on our side, after a follow up of 1.5 months patient came to us with a history of trauma and on evaluation there was a periprosthetic fracture of the tibia. This was one of a kind case seen in SAIMS.



PRE - OP XRAY SHOWING PERIPROSTHETIC FRACTURE



POST OPERATIVE XRAY



This time things were on our side and nothing went wrong. Patient now came with a 9 months follow up mobilizing with full weight bearing with out any support.

We decided to operate and after a panel of discussion of what could be done we decided to do a parallel buttress plating of the fracture around the prosthesis. This was the 1st time in SAIMS that we have operated such a cases.





9 MONTHS FOLLOW UP WITH CLINICAL IMAGES



Case Report 4

ENDOSCOPIC COBLATOR ASSISTED INTRA ORAL EXCISION OF LARGE PARAPHARAYNGEAL MASS

AUTHORS – Dr. Brajendra Baser (Prof. & Director), Dr. Praveen Surana (Assistant prof.), Dr. Ojaswini Singhai, Dr. Rishi k. Kumkar, Dr. Shirin Ansari, Dr. Shobit Yadav DEPARTMENT OF ENT

HISTORY – A 48yr old female presented with complain of

A] Right sided intraoral swelling since 2 months which was insidious in onset and progressive in nature and B] Swelling over right sided parotid region since 3 weeks.

No history of dysphagia, dyspnoea and change in voice. No history of aural fullness and reduced hearing. No history of epistaxis, nasal blockage and nasal discharge. There was no involvement of cranial nerves was present. There was history of tonsillectomy 16 years ago.

CLINICAL EXAMINATION-

EAR - Bilateral tympanic membrane intact

NOSE - Bilateral nasal cavity clear

ORAL CAVITY – Right sided intraoral swelling of size around 5*5cm across soft palate extending in right tonsillar fossa was present with deviation of uvula towards left due to mass effect. There was no pain or tenderness on palpation or by movement of neck.FIG.1

NECK – non-Tender swelling present of size around 2*1cm in parotid region which was firm to hard on palpation. No lymph node palpable.FIG.2

Facial nerve was intact and no nystagmus present. Gag reflex was present.

No significant systemic examination finding.

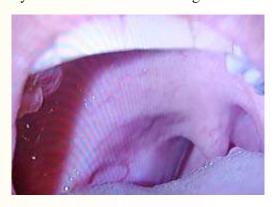


FIG 1



FIG 2

INVESTIGATION-

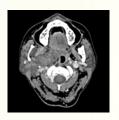
On admission , Hemogram revealed Haemoglobin 13 gm% , PCV 4.82% , WBC 7600 and Platelets 1.83 lac. Renal function test showed Urea/Creatinine 19/0.56 mg/dL and Electrolytes : Na/K/Cl - 143/4.9/111 with rest routine investigations within normal limits.

FNAC suggestive of PLEOMORPHIC ADENOMA.

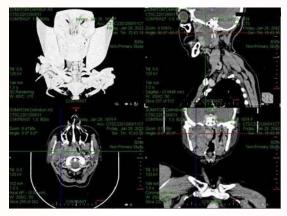
CECT NECK – Suggestive of enhancing lobulated soft tissue density lesion seen in right parapharyngeal, masticator space, along with deep segment of the right parotid gland of around 4.8*5.3*4.8cm. The lesion is causing moderate compression on the right lateral wall of nasopharynx, right medial pterygoid muscle, submandibular gland, distal right cervical ICA/ECA, IJV, styloid process, right lateral pterygoid plate.

Few sub-centimetre lymph nodes are seen in right level II region, average size 8-10 mm.

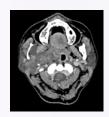












DIAGNOSIS - PLEOMORPHIC ADENOMA OF MINOR SALIVARY GLAND OF RIGHT PARAPHARYNGEALSPACE

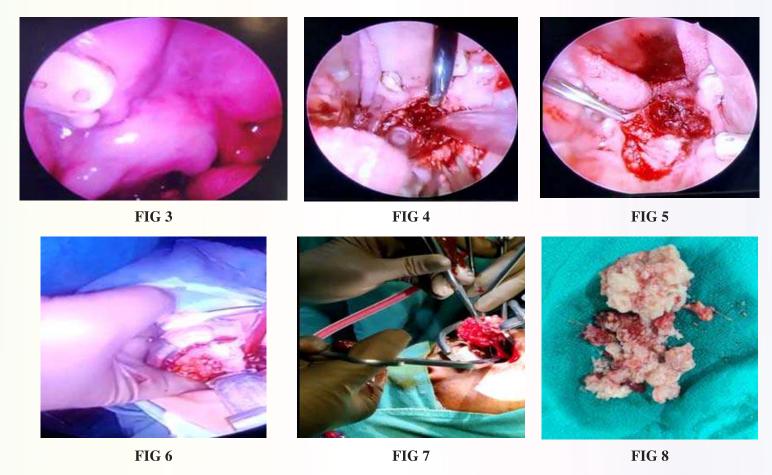
PLAN – ENDOSCOPIC COBLATOR ASSISTED INTRA ORAL EXCISION OF PARAPHARYNGEAL SPACE TUMOR UNDER GA

One unit of blood was arranged with consent of Blood transfusion, Tracheostomy, Post-Operative ICU/Ventilator and Conversion of Trans-oral Endoscopic procedure into open approach; After PAC clearance, patient was taken for surgery.

ANAESTHESIA - Patient was taken for surgery under GA with Nasotracheal intubation. Nasotracheal intubation affords maximal exposure of the oropharynx and greater freedom of transoral instruments. Nasotracheal intubation also allows for full closure of the mouth to enable transcervical exposure if needed. POSITION – Rose Position. (Tonsillectomy position)

SURGICAL TECHNIQUE – After proper exposure of the oral cavity by using Boyle-Davis gag with tongue blade (FIG 3), a linear-vertical incision was made with coblator at palatoglossal fold extending superiorly between hard and soft palate followed by mucosal flap elevation(FIG 4). Under direct endoscopic visualization further dissection was done(FIG 5). After identifying the capsule of the mass careful blunt dissection around the tumour was performed to release fascial attachment of the tumour with coblator and care was taken not to rupture it (FIG 6). With a advantage of sensory feedback and ability to adjust pressure, blunt dissection can be performed with gentle finger dissection. Careful identification of great vessels was done. Tumour delivered out and sent for HPE (FIG 7,8). Haemostasis achieved . After ensuring there was no residual tumour, the pharyngotomy was repaired in layers with 3-0 vicryl rapide. An area of around 1 cm, inferior portion of incision was left open to allow gravity dependent egress of fluid from the wound. The procedure was completed uneventfully without any complication.





POST OPERATIVE CARE - Patient kept intubated overnight on spontaneous mechanical ventilation support in ICU and RT feeds started after 6 hours. Patient was extubated next morning and shifted to general ward and oral feed started after 5 days.

HISTOPATHOLOGY – Section shows capsulated tumor composed of dilated hyperplastic acini lined by epithelial and myoepithelial cells surrounded by chondromyxoid stroma suggestive of PLEOMORPHIC ADENOMA.

SUMMARY - Traditionally surgeons were considering transoral route to the parapharyngeal space as poor and unsafe. But with advent of video-assisted endoscope assistance, transoral route provides direct and magnified visualization. Large tumours like this usually necessitate a combined approach like mandibular swing with lipsplit but the tumour was surgically excised by attempting a transoral approach by accessing the lateral wall of the parapharyngeal space to avoid further complications and morbidity, and the tumour was successfully delivered by blunt dissection transorally.

There has been increasing interest and use of Transoral robotic surgery (TORS) in the treatment of benign and malignant tumours of the parapharyngeal space nowadays. This allows for delicate dissection and addresses previous concerns levelled against transoral approaches to the parapharyngeal space with respect to controlled dissection around vital neurovascular structures and tumour spillage.



IMA ACTIVITIES

Date 12/03/2022 - IMA Indore and DAVV organised an online meeting INVESTOR AWARENESS PROGRAMME

INTRODUCTION TO MUTUAL FUNDS on 12 FEBRUARY 2022 SATURDAY.

Date 23/02/2022 - Executive committee meeting held at Super Speciality Hospital, Indore

Date 28/02/2022 - Health check up at HARIOM YOG KENDRA ANNIE BASANT SCHOOL, INDORE.

More than 300 citizens health checkup done.

Date 03/03/2022 - Jersey revealing ceremony at KEM school ground, attended by all teams and participants for upcoming IAC cup Tennis ball Night Cricket Tournament.

Date: 4-5-6- March - IMA INDORE organized IAC cup Tennis ball Night Cricket Tournament at K.E.M. SCHOOL GROUND* (MGM CAMPUS) on 4-5-6- March Friday, Sat., Sunday 5 To 11 PM.

Total 16 Teams participated in this first of its kind tournament.

- 1. Ortho Avengers Dr Manish Maheshwari
- 2. M.Y. Titans Dr. J. S. Chhabra
- 3. Indore Legends Dr. Salil Bhargava
- 4. Indore Medics Dr. Akshat Pandey
- 5. Physician Tornadoes Dr. Atul Ajmera
- 6. Ether Eleven Dr. Vikas Gupta
- 7. MPNHA Dynamites Dr. Vijay Harlalka
- 8. Ortho Blasters Dr. Hemant Mandovara
- 9. Ortho Gladiators Dr. Malay Kumat
- 10. Ophtho Crusaders Dr. Mahesh Agrawal
- 11. Derma Shiners Dr. Vikas Kataria
- 12. MGM Super surgeons Dr. Abhay Brahamane
- 13. Medanta Healers Dr. Sandeep Shrivastava
- 14. Kidney Kings Dr. Ravi Nagar
- 15. Indore Riders Dr. Amit Varma
- 16. Rhino Busters Dr. Anand Singhai

MY Titans won the Cup, 1st and 2nd Runner up were Ortho Avengers and Medanta Healers.

Date 6/03/2022 - IMA INDORE & Dept. Of Nephrology, Super speciality Hospital Indore. 5 km run for Kidney disease awareness on 6th March Sunday at 6 AM. 500* Participants joined the race. Chief guests was Dr. G. Swarnlata HOD State Organ Transplant program from Hyderabad.

Date: 06/03/2022 - Live Painting Competitionat K.E.M. SCHOOL GROUND (MGM Campus). Many doctors and their families participated. Attractive prices were distributed in different categories.

Date 10/03/2022 - *World Kidney Day * 10 March.Kidney Health Camp at SUPER SPECIALITY HOSPITAL.200 patients examined and CME for doctors was organised at Super Speciality Hospital, Indore.More then 100 Doctors, nursing and paramedical staff attended.

Chief guests were Mr. Shankar Lalwani (Member of Parliament), Dr. Pawan Sharma, (Divisional commissioner, Indore division) and Dr Sanjay Dixit, Dean & CEO MGMMC, Indore.













Sri Aurobindo University



Sri Aurobindo Medical College & Postgraduate Institute



Sri Aurobindo College of Dentistry



Sri Aurobindo Institute of Allied Health & Paramedical Sciences



Sri Aurobindo Institute of Speech & Hearing



Bhandari Hospital & Research Centre



Bhandari Hospital 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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