

## Report of 49<sup>th</sup> Annual National Conference of IAPSM and 23<sup>rd</sup> joint State Conference of IAPSM Maharashtra Chapter and IPHA Maharashtra Branch - 2022 by

Organizing Chairperson Dr. Uday Narlawar

The 49<sup>th</sup> Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM) and 23<sup>rd</sup> joint IAPSM Maharashtra Chapter and Indian Public Health Association (IPHA) Maharashtra Branch State Conference - 2022, on the theme '**Beyond the Pandemic: Time to move**' was jointly organized by departments of Community Medicine of Government Medical college and Indira Gandhi Government Medical College, Nagpur from 3<sup>rd</sup> to 5<sup>th</sup> March 2022 with pre-conference workshops from 27<sup>th</sup> February to 2<sup>nd</sup> March and post - conference workshops on 6<sup>th</sup> and 10<sup>th</sup> March.



The selection of the theme of conference 'Beyond the Pandemic: Time to move' is apt, as it addresses the need of resilient health system for responding to challenges posed due to pandemics while effectively responding to the health needs of the communities.

Because of the prevailing pandemic situation, we were forced to hold the conference in online mode. The three-day scientific extravaganza evoked creative discussion in various areas of public health priority. There was enormous response from delegates in India as well as abroad with a total of 1750 registrations. Also, five pre-conference workshops and two post-conference workshops were organized which had resource persons of international acclaim.

To facilitate networking and interactions among post graduate students and to channelize their energy, various competitions were organized like Slogan writing, video making & critical appraisal of journal article etc. A post graduate quiz was also organized wherein the team from AIIMS Jodhpur emerged as winners. A trophy was donated by the organizing

committee of IAPSMCON Nagpur 2022 which will be rotated and given every year to the winning team in the valedictory function.

### **Pre & Post Conference Workshops**

The first Pre-Conference Workshop was '*Bounce-back for Implementation of competency based curriculum including logbook and portfolio in Community medicine for undergraduate and post graduate students*' which was conducted on 27<sup>th</sup> February by - Dr. Pankaj B. Shah, Professor & Head, Dept. of Community Medicine, SRMC & RI, SRIHER, Chennai and his team. It was a full day CME covering various topics like Introduction to Newer Elements and their implementation, Skill training and its implementation, Compulsory Rotating Medical Internship Regulations 2021, etc. The total number of participants was 125.

The second Pre-Conference Workshop was '*Regression analysis using R software*' which was conducted by Dr. Prashant Kokiwar, Professor & Head, Community Medicine, MRIMS, Hyderabad on 28<sup>th</sup> February 2022. The following topics were covered - Understanding the concepts of linear regression, logistic regression, and practice in R along with group work and presentations. For this CME the total number of participants was 30.

The Third Pre-Conference Workshop was '*Fundamentals of agreement analysis*' which was conducted by Dr. Hemant Kulkarni, CEO - M&H Research, LLC, San Antonio, TX, USA on 1<sup>st</sup> March 2022. The resource person enlightened participants on topics like categorical versus continuous measurements, Cohen's kappa-unweighted and weighted, multiple rater agreement, latent class analysis for agreement data, Interclass correlation coefficient (ICC), Bland-Altman plots, etc. Various measures like quizzes & polls were used to make the session more interactive. This being a hands-on session, maximum participants allowed were 30.

The Fourth Pre-Conference Workshop was on '*Sex education-counselling & therapy*' conducted on 1<sup>st</sup> march 2022 by Dr. Sanjay Deshpande, Professor, Datta Meghe Medical College, Wanadongri, Nagpur and team. The speakers elaborated over the topic under various headings like, need and scope of sexual medicine, normal human



sexual response and sexual dysfunctions in males and females, pharmacotherapy in sexual medicine, history taking and sex counseling, sexuality education. It was half-day session with 100 participant strength.

The Fifth Pre-Conference Workshop was on 'Artificial intelligence in disease screening' conducted by Dr. Hemant Kulkarni, CEO - M&H Research, LLC, San Antonio, TX, USA on 2<sup>nd</sup> March 2022. The following topics were discussed - concepts in disease screening and terms in Artificial Intelligence, potential scenarios suitable for AI applications in disease screening and their ethical and practical issues, case studies on screening for COVID-19 using AI, publicly available AI data resources for research. This being a hands-on session, maximum participants allowed were 30.

The First Post-Conference Workshop was on 'Advancing Tobacco Control by Academic and Research Institutions of India' conducted on the 6<sup>th</sup> of March 2022 by Dr. Sonu Goel, Professor, Dept. of Community Medicine & School of Public Health, PGIMER, Chandigarh and team. Topics discussed were Tobacco Burden - Global and Indian Scenario, WHO-FCTC and MPOWER measures, National Tobacco Control Programme, new and emerging challenges in tobacco control (ENDS, TII), role of public health institutions in advancing tobacco control in academia and research, integrating tobacco control at PGIMER - a case study. The total number of participants was 100.

The Second Post-Conference Workshop was on 'Operational Research' and was conducted on 10<sup>th</sup> March 2022 by Dr. Rivu Basu, Associate Professor, Dept of Community Medicine, Bankura Sammilani Medical College, West Bengal & team. The total number of participants was 60.

### **Inauguration**

The inaugural function was graced by the following dignitaries with their online/ offline presence-

- Hon'ble Shri Nitinji Gadkari (Minister for Road Transport & Highways Govt. of India)
- Hon'ble Padmashri Dr. Vikas Mahatme
- Dr. Madhuri Kanitkar (Vice Chancellor, MUHS Nashik)
- Dr. Sanjay Zodpey, Chief advisor
- Dr. Suneela Garg (President, National IAPSM)
- Dr. A. M. Kadri Secretary National IAPSM
- Dr. Raj Gajbhiye (Dean, GMC Nagpur)
- Dr. Bhawana Sonwane (Dean, IGGMC Nagpur)
- Dr. Uday Narlawar Organizing chairperson IAPSMCON 2022
- Dr. Ashok Jadhao Organizing Secretary IAPSMCON 2022
- Organizing vice chairperson Dr Sushama Thakre & Dr Pragati Rathod, member of scientific committee were the masters of ceremony for this event.





Souvenir of the conference was released by the auspicious hands of the dignitaries. Along with this IAPSM advisories on menstrual health & hygiene management, advancing tobacco control and COVID - 19 home isolation guidelines for vulnerable population were released.

### Day 1 – 3<sup>rd</sup> March 2022

There were three orations and nine plenary sessions on day one of the conference. All the Orations were delivered by renowned personnel in the field of Community Medicine and Public Health.

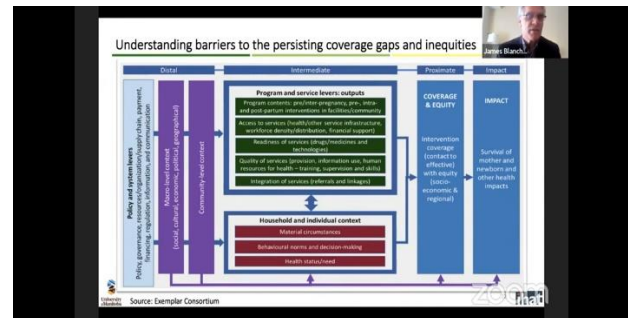
**Harcharan Singh National IAPSM oration** was rendered by Dr. Sunil Raina, Professor & Head, Department of Community Medicine, Dr. RP Govt. Medical College, Tanda, HP on the topic- *‘Did we read the pandemic correctly or did we submit to the narrative – The role of precaution.’* In his oration he focused on background regarding covid-19 pandemic, various studies regarding COVID-19 pandemic, precautionary principles, probability of event association, standard risk management, precautionary approach etc.

**Padma Bhushan Banoo Jehangir Coyaji IPHA Maharashtra State Branch Oration** was delivered by Dr. Asha Pratinidhi, Director of Research, Krishna institute of Medical Sciences University (KIMSU) and the topic was *‘Senile Dementia Syndrome.’* The several types of dementia and their curative measures and how the COVID pandemic has affected the elderly population in particular with respect to their behavioral and cognitive functions was discussed in detail in this oration.

**Padma Shree Dr. D. N. Pai Memorial IAPSM Maharashtra Chapter Oration** was given by Dr. Gajanan Velhal, Prof & Head, Department of Community medicine, Seth G S Medical College & KEM hospital, Mumbai and the topic was *‘Micro level reforms to enrich Public Health teaching expertise amongst faculties of Community Medicine.’* The oration covered various points like, good health is true wealth, advocacy for community health demand and utilization of health services, empowering community, etc.

**Plenary session 1:** It was organized by IHAT & UPTSU and University of Manitoba on the topic *“Integrated approach to enhance RMNCH in Public service in UP”* and Speakers for this session were Dr. Vasanth

Kumar N, Executive Director, Uttar Pradesh Technical Support Unit at University of Manitoba & Dr. James Blanchard, Physician & Director, Center for Global Public Health, University Of Manitoba and IHAT. Data of full immunization coverage, antenatal care, labor and delivery processes in public facility, in Uttar Pradesh and HMIS system of Uttar Pradesh were discussed.



**Plenary session 2:** It was from National Health Systems Resource Centre on the topic *‘Beyond the pandemic: Futuristic and resilient public system in India.’* Speakers for this session were Maj Gen (Prof) Dr. Atul Kotwal, Dr. Himanshu Bhushan, Dr. J N Srivastava, Ms. Mona Gupta, Dr. (Flt Lt) M A Balasubramanya, Air Cmdre (Dr) Ranjan Kumar Choudhury, Dr. Ashoke Roy, Dr. Sandeep Sharma, Dr. Neha Dumka. Topics discussed were - Beyond the pandemic futuristic & resilient public health system in India, achievements of NHRSC, human resource for health, mental health and covid-19, healthcare technology division of NHSRC stepping towards self-reliance, north east region challenges regarding manpower, infrastructure, shortage of medical oxygen, changing healthcare financing, NHM framework of implementation.



**Plenary session 3:** It was from Access Health International on the topic *‘Digital health for health system resilience’.* Speakers for this session were Dr. Krishna Reddy Nallamalla, Dr. Sujeet Kumar Singh, Dr. Harpreet Singh, Kiran Anandampillai, Dr. Vijay V. Yeldandi, Maulik Choksi. The topics discussed were - About IDSP, digital health research, health system in India.

**Plenary session 4:** It was from NITI Aayog on the topic '*Beyond the pandemic Time to move*' delivered by Dr. Madan Gopal, Senior Consultant (Health), NITI Aayog, He focused on the impact of COVID 19 globally and in India.

**Plenary session 5:** It was from UNICEF on topic of '*Early Childhood Development*'. Speakers for this session were Dr. Simin Irani, Dr. Abhishek Raut, Dr. Vaishali Nanavati. This session was chaired by Dr. Mangesh Gadhari, Health Officer - UNICEF Maharashtra. The following topics were discussed - science behind every childhood, brain growth v/s physical growth, threats of early childhood development, Arambh program in Maharashtra, nurturing care, early childhood development Kuposhit Maharashtra.

**Plenary session 6:** It was panel discussion conducted on Newborn care theme by PATH on the topic of '*The pandemic disruption to building resilience*' with eminent panelist - Dr. Vinod Kumar, Dr. Ajay Gambhir, Dr. Dinesh Baswal, Dr. Shailaja Mane, Tanuja Patil (ASHA) Ratul, Dr. Jayendra Kasar. The discussion was moderated by Dr. Sudhir Maknikar. Following points were discussed - a resilient system for newborn care at all the levels of health care, experiences and advances for the newborn care with focus on future areas of concern, maternal malnutrition abolition, an integrated approach involving machine learning accessibility of artificial intelligence at the grass root level for better new born and maternal care.



**Plenary session 7:** It was from IAPSM International on the topic '*Global Forum for Preventive, Community and Public Health Medicine*'. Speakers for this session were Dr. Debashis Basu, Dr. Jasmine Pawa, Dr. Suneela Garg, Dr. Marc Soethout, Dr. Jesne Kistan, Dr. David Weakliam, Dr. Erica Frank. The session was moderated by Dr. Sanjay Zodpey. Overview of the Global Forum for Preventive, Community and Public Health Medicine was discussed. The session also focused on Education & Continuing Professional Development (CPD),

Post-graduate training country profiles as well as free & WHO/CDC/APTP sponsored Preventive, Social Medicine training for undergraduate, graduate, and continuing medical education. It recommended formulation and strengthening of a Global Forum for Preventive, Community and Public Health Medicine.

**Plenary session 8:** It was from CTD & PATH on the topic '*Strategies for eliminating Tuberculosis in India by 2025*'. Speakers for this session were Dr. R P Joshi Dr. Vivekanand C Giri Dr. Raghuram Rao Dr. Shibu Vijayan. The following topics were discussed - Strategies for eliminating Tuberculosis in India by 2025, strengthening case finding, approach to TB Patient, Program Management.

**Plenary session 9:** It was from Nutrition International on the topic '*Quality initiative in maternal & new born health programme in India*'. Speakers for this session were Dr. Arun K Aggarwal Dr. Rakesh Vaidya Dr. Ravi Mishra Dr. Ashutosh Sarwa Dr. Sumita Ghosh. Experience and learning regarding managing and review of maternal and child deaths was discussed in detail taking experience from state like Tamil Nadu and others.

### **Day 2 - 4<sup>th</sup> March 2022**

The morning session started with scientific session with presentation of the research papers on various topics of public health importance. For scientific session, we received total 665 abstracts of which 495 papers were for oral paper presentations and 170 for poster presentations. Out of 495 research papers 12 were for National awards, 18 for state awards and 10 for the best poster award.

### **Day 3 - 5<sup>th</sup> March 2022**

On 5<sup>th</sup> March we had four Orations (three of IAPSM and one of IPHA) and eleven plenary sessions.

**Padma Shree Suhaschandra Mapuskar IPHA Maharashtra State Branch Oration** on the theme of '*Social psychology of pandemic*' was conducted by Dr. Pradeep Awate, State surveillance officer, IDSP, Maharashtra. It focused on the psychosocial study of epidemics and pandemics and their impact on human nature.

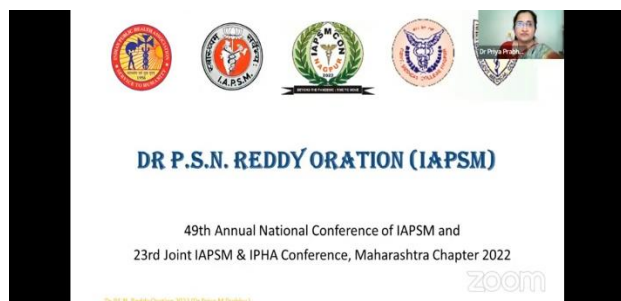
**Dr. Mrunalini Pathak Memorial IAPSM Maharashtra Chapter Oration** on the topic, '*Out of box thinking and performance as Healthcare provider (HCP)*



and Public health provider (PHP) in Health care system' was conducted by Dr. Subash Thakre, Professor and Head, Department of Community Medicine, GMC Gondia. Effective usage of several research opportunities for a health care worker being it private or public, the organizational development goals and the containment needed towards working was discussed in detail with a crisp of life experiences.

**Dr. D. K. Ramadwar Memorial IAPSM Maharashtra Chapter Oration** on the theme of 'Community Health Care & Community Medicine in Pandemic' was conducted by Dr. Rajendra T. Ankushe, Prof & Head, Dept of Community Medicine, GMC, Ambejogai. It focused on the administrative and technical issues faced during pandemic and also disaster management framework at international level and in India.

**Dr. P. S. N. Reddy IAPSM Maharashtra Chapter Oration** on the theme of 'The Missing Links in Pandemic Response' was conducted by Dr. Priya M. Prabhu, Associate Professor, GMC Miraj. It focused on the history of pandemic, COVID-19 pandemic control activities, lacunae, social media response and domains of preparedness.



**Plenary session 10:** It was from State IPHA on the topic 'Gandhi & Public Health' conducted by Dr. B. S. Garg, Director - Professor, Department of Community Medicine, MGIMS, Sewagram. It focused on the Gandhiji's engagement with the health and related issues.

**Plenary session 11:** It was sponsored by JHPIEGO on the topic 'Experience of quality improvement initiatives in public & private health facilities in India'. Speakers for this session were Dr. Kamlesh Lalchandani and Dr. Suranjeen Pallipamula. The speakers addressed the quality of child care services and interventions undertaken in the state of Rajasthan.

**Plenary session 12:** It was from Serum Institute, Pune on the topic of 'Role of immunoglobulins and mAbs in Rabies PEP'

conducted by Dr. Anirudha Potey, Senior Manager, Clinical Research, Serum Institute of India. The session mainly focused on Category 3 bites where giving rabies vaccine alone does not provide complete protection.

**Plenary session 13:** It was panel discussion conducted by eminent panelists – Dr. Anil Kumar Dr Rinku Sharma Dr Rajesh Sagar Dr Atreyi Ganguli. It was organized by MOHFW & WHO and the discussion was focused on the mental well-being and COVID-19. National Telemental health programme was explained. MOHFW and WHO resources for child health, suicide prevention, substance use disorder and Mental health care act was discussed. This session recommended that Quality mental health services should be provided and rights of people suffering from mental health issues should be taken care of.

**Plenary session 14:** It was from Alive & Thrive on the topic 'Maternal Infant & Young Child Nutrition in health professional's curriculum and beyond'. Speakers for this session were Dr. Sila Deb, Dr. Aruna Vanikar, Dr. Rambha Pathak, Dr. Satish Tiwari, Dr. Vidya Thobbi, Mrs. Evelyn Kannan and Dr. Pragati Chhabra. Many measures for identifying competencies related to MIYCN and preparation of facilitator's guide for teaching curriculum and the initiatives for technical modules for students were discussed in detail in this session.

**Plenary session 15:** 'Guidelines for Programmatic Management of Tuberculosis Preventive Treatment in India' by WHO & Nagpur Municipal Corporation. The speakers for this session were Dr. Ramji Adkar and Dr. Swarna Ramteke. Dr. Ramji Adkar discussed the status of NTEP in Maharashtra in comparison with rest of the country. He also discussed SDGs and National Strategic Plan (2017-2025). Dr. Swarna Ramteke gave a brief regarding Guidelines for Programmatic Management of Tuberculosis Preventive Treatment in India.

**Plenary session 16:** Panel discussion conducted by eminent panelists - Sh. Radhakrishnan B. Sh. Yogesh Kumbhejkar, Dr. Shashank Joshi, Dr. Sanjay Deshmukh, Ujwala Jeremiah, Mr. Rajiv Mehta and Dr. Jayendra Kasar. This Panel discussion was focussed on the Covid task force working, decision making, planning process and challenges experienced was discussed. Covid related challenges in

Paper & Poster Presentation Awards at Conference

Prize	Name of Winner	Title of Paper presentation
Vijay Narain Award	Dr Garima Singh LHMC, Delhi	An ambi-spective community-based survival study of common cancers in rural Jodhpur, Rajasthan
Kalu Ram Memorial Award	Dr Aravinda Chinnadurai AIIMS, Bhubaneswar	Challenges in implementing health promoting school's framework in government run schools in Odessa a community based qualitative study
Pyare Lal Sharma Award	Dr Anjali AIIMS, Rishikesh	Effectiveness of Diabetes Self-Management Education on Distress and HbA1c among Indian type 2 Diabetes Mellitus Patients: Randomised controlled trial
Dr Saroj Jha Award (National)	Dr Rina Tilak AFMC, Pune	Emerging paradigms of Gender Health - Sexual Harassment in Healthcare settings in India
Dr Sonaji Jogdand Prize	Dr Suraj Kapoor AFMC, Pune	Developing framework for Dengue Surveillance – Inferences drawn from Field survey and implications in prevention of dengue outbreaks
Dr Sharangdhar Kanhere Prize	Dr Abhishek Raut MGIMS, Sevagram	Brain wiring game: an innovative participatory learning act for demystifying science of synapse formation and brain development in Early Childhood Development
Dr Saroj Jha Prize (State)	Dr Kanchan Tembhurne GMC, Nagpur	Barriers and facilitators for respectful maternity care in tertiary care centre of central India, a qualitative study of maternity care providers
Dr Khergaonkar Prize	Dr Priyanka Shenoy GSMC, Mumbai	Perinatal factors influencing the health status of 1 year old children – A cross sectional study
Dr M V Kulkarni Prize	Dr Kanchan Tembhurne GMC, Nagpur	Present status of respectful maternity care in women availing maternity services at a tertiary care centre of central India - a cross sectional study.
Dr Bhalerao Prize	Dr Shreshtha Pandey GMC, Nagpur	Impact of COVID -19 pandemic on medical education and medical students - KAP regarding electronic learning in a tertiary care centre in central India - a cross-sectional study
IPHA MH Best Poster Award 1	Dr Prachiti Mhatre SSSSC, Navi Mumbai	A Community Based Cross- Sectional Study to Assess the Burden of Under-nutrition in 0 to 6 years Anganwadi Children of Panvel Block, Raigad District, Maharashtra
IPHA MH Best Poster Award 2	Dr Uma Maheswaran IGGMC, Nagpur	A Cross-Sectional Study on patient satisfaction in an urban health training centre affiliated with Indira Gandhi Government Medical College, Nagpur



urban and rural area including Nagpur were also focused upon.

**Plenary session 17:** Panel discussion conducted by eminent panelists – Dr. Anil Kumar, Dr. Gowri Nambiar Sengupta, Dr Vijay Kumar Gurjar, and Dr. Atreyi Ganguli. It was organized by WHO - MOHFW. The session was on the topic - ‘UN Decade of Healthy Ageing 2021-2030’. Following points were discussed - measures taken by MOHFW for the health care of the elderly, measures to tackle common aging problems through various actions by ministry at community level so far. This discussion recommended that an integrated approach at all levels is the need of hour for creating a healthy ageing.

**Plenary session 18:** It was from AIIMS Jodhpur on the topic ‘Maternal Death Surveillance in India, Time to Review & Respond.’ Speakers for this session were Dr. Pankaja Raghav, Dr. Dinesh Baswal and Dr. Ravleen Kaur Bakshi. Some important recommendations were that a strong referral system and more emergency obstetric care units should be established and staff shortage at every level of the system is to be addressed immediately.

**Plenary session 19:** Panel discussion conducted by eminent panelists - Prof. Dr. Suneela Garg, Brig. Dr. S. K. Kaushik and Dr. Aparajita Shukla organized by National IAPSM, and discussion was on the topic ‘UG PG Syllabus.’ This session was moderated by Dr. Pankaj Shah. Following points were discussed - The current revisions brought about by NMC in MBBS curriculum and the importance of public health and community medicine in curriculum. This discussion recommended that linking of theories to practical is essential to understand and practice the subject at the periphery.

**Plenary session 20:** It was on ‘Disaster Management’ by UNICEF. Speakers for this session were Mr. Nitin Wadhvani, Mr. Anil Parmar. This session recommended that WASH facility should be made available in all private and public areas.

Valedictory function was conducted in presence of eminent dignitaries as Dr. Sujeet Singh (Director NCDC, New Delhi), Dr. Sanjay Zodpey (Chief Advisor IAPSMCON 2022 and Vice President, PHFI).

Dr. Suneela Garg, Dr. A. M. Kadri, Dr. Lalit Sankhe, Dr. Gajanan Velhal, Dr. Purushottam Giri and Dr Prasad Waingankar graced the occasion virtually.

Dr Uday Narlawar (organizing chairperson) expressed his pleasure on the successful accomplishment of the event and acknowledged the untiring efforts of the organizing committee. All the prize winners from the award categories of oral paper & poster presentation along with Journal Article, Quiz and video competition were felicitated by giving cash prizes and certificates. The Chairperson of scientific committee Dr Sarita Wadhwa Sharma announced the awards for oral and poster presentations. The organizing vice chairperson Dr Sushma Thakre and Dr Pragati Rathod, member of scientific committee were the masters of ceremony for this event.



Lastly, Dr. Ashok Jadhao (Organizing Secretary) gave the vote of thanks and declared that 49<sup>th</sup> Annual National Conference of IAPSM and 23<sup>rd</sup> joint Maharashtra State Conference of Indian Association of Preventive and Social Medicine (IAPSM) Maharashtra Chapter and Indian Public Health Association (IPHA) Branch 2022 was a grand success.



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