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SYMHEALTH 2018

National Conference on
Interdisciplinary Approach to Healthcare



Organized by
Faculty of Health & Biological Sciences (FoHBS)
3rd, 4th & 5th May, 2018

Venue
Symbiosis International (Deemed University)
Gram: Lavale, Tal: Mulshi, Dist: Pune- 412115

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

SUMMARY REPORT

5th May, 2018

Organized by

Faculty of Health & Biological Sciences

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PAPER AND POSTER PRESENTATION SESSION - SYMHEALTH 2018

Paper & poster presentation session is an integral part of SYMHEALTH. This year total 101 abstracts were received which were further classified for poster presentation, paper presentation and publication.

25 full papers were selected for publication after review and 6 papers were selected for presentation.

Juries for paper presentation were Dr. Shyam Vasudevrao, Founder and Director Forus Health, Renalyx and Rx DHP and Dr. Anil Pandit, professor and HOD MBA (HHM) Symbiosis Institute of Health Sciences.

The following papers were selected by jury and awarded: -

Oral Paper Presentation	Authors	Topic
FIRST	Dinesh T.A., Prem V. Nair, Thiba Salam, Vidya Jha	Health Technology Assessment: Opening pathway for implementing Robotic surgery in a University Teaching hospital
SECOND	Ravindra Ganpat Muley, Rajeev Mhalsakant Dhere	Evaluation of a novel dynamic bed bioreactor for cultivation of mammalian cells
THIRD	Vaijayanti Patwardhan, M. V. Vaithilingam	Cesarean Births in Tamil Nadu: Residential Differences, Causes and Consequences

Poster Presentation -Total 42 poster were selected for poster presentation.

Juries for poster presentation were Dr Madhura Ingalhalikar; Associate Professor, Symbiosis Institute of Technology and Dr Selvan Ravindran; Associate Professor, Symbiosis School of Biological Sciences.

The following posters were selected by jury and awarded: -

FIRST	Mrinmoy Pratim Bharadwaz, Laishram Ladusingh	Factors affecting Hospitalization in India
SECOND	Harshada Thakur, Devaki Gokhale, Sneha Kasale, Suhas Otiv	Association of Body Composition, Nutritional Status and Menstruation among Early Adolescent Girls
THIRD	Nishu Kesh	Determinants of Antenatal Care visit of women in Uttar Pradesh: Evidence from NFHS 2005-2006

SUMMARIES OF PRESENTATIONS

Friday, May 5, 2018

Home healthcare- Dr. Gaurav Thukral, Executive VP, Health Care at Home India Pvt Ltd.

Dr. Gaurav Thukral started his session by giving a short introduction of himself. He mentioned how Home healthcare has grown over the past five years due to the growing elderly population and preferences to get treated at home.

He spoke about the new dynamics in home Healthcare and some of the key drivers in home healthcare. He also spoke about the challenges faced by Healthcare such as lack of hospitals, shortage of skilled manpower, low Healthcare spending and skewed Geographical setting.

He mentioned how delivery of care for patients at home is a way forward by changing the point of care, moving from episode to continual care, improved outcomes and utilization of technological and analytics. With the help of a study he explained how patients prefer treatment at home.

He mentioned how around ten thousand diagnosis tests are done at home apart from the preventive care, post discharge care and rehabilitative care. He spoke about importance of home Healthcare in reducing costs. He mentioned- “home healthcare creates values for all stake holders involved like patients, pharmacists, hospital, insurers, Healthcare providers and government.” He mentioned how the home Healthcare market is increasing with the help of statistics. He spoke about the evolution of home healthcare from basic home healthcare to critical care at home. He also emphasized about evaluating the need for home healthcare. He further spoke about how home healthcare improves the quality of life by lowering mortality, morbidity and increasing patient satisfaction for which sufficient data is available.

Talking about the advantages, he quoted “Patients receiving care at home have lesser falls, decreased cost, increased connectivity. He spoke about the technological advancement and its role in improving home healthcare. He lastly gave us a few case summaries to emphasise the importance and outcomes of home healthcare. He also spoke about the relationship of home healthcare and end of life care and how they influence each other. He concluded by giving a brief overview of his organization and how his organization has managed to excel in the field of home healthcare.

Healthcare start-up- opportunities & challenges- Dr. Shyam Vasudevrao, Founder & Chairman, Renalyx Health Systems Pvt Ltd.

Dr. Shyam Vasudevrao began his session by talking about by growing numbers of start-ups. He spoke about difference between preventive and reactive healthcare, early diagnosis and personalized medicine. He told that cost of process of early detection is very high, so it is preferable to do it at first cell mutation.

He further told that Healthcare is a continuous process and we need to reach, connect, sustain and treat people using technology. Challenges in healthcare are numerous aging populations, more people with chronic diseases, quality and safety care, empowered patients, rising care demand and cost. He spoke about 4 A's to manage mismatch in healthcare system i.e. Affordability, Accessibility, Availability, Appropriateness.

He mentioned that early detection can prevent 80% of diabetic patients. He also spoke about integrated approach to Healthcare using ICT such as services, applications, devices. He gave example that how ophthalmic screening can be made affordable, available, accessibility using technology. He mentioned the impact of healthcare by enhancing the value chain that includes mobile clinics, optician, home screening, laboratory, mobile devices. How devices are used for early diagnosis. He spoke extensively about paediatric vision problem and possible methods of early screening of same by using devices like 3nethra neo and explained functioning of the device. Further he spoke about stages beyond screening i.e. field diagnosis and treatment at doorstep.

He acknowledged involvement of government in early screening and treatment of diseases. Government is using latest technology to prevent the diseases in early stages majorly in slum areas. He mentioned that hub and spoke model is considered best for any healthcare system. He concluded by giving message that whatever technology can be used successfully in India can work everywhere in world.

Managing consultants in tertiary care hospitals- Dr Rajendra Patankar, COO, Nanavati Hospital, Mumbai.

Dr. Rajendra Patankar started his speech by greeting everybody. He talked about his experience of first day of his post graduate course where he learnt about the mantra of "Management of doctors is not science but an art." He shared his experiences on how he began to learn the art of consultancy. He said that learning the art of Consultant management assures success. It is the job of the consultant to manage patients. He stated that the ultimate aim is to be an "outcome differentiator". Differences can be made to a patient's life from the point when he comes to a hospital to the time he leaves. Therefore, expectations from doctors have radically changed and thus, they should focus on being the outcome differentiator. He said that healthcare is a dynamic system, labor intensive, quality and cost conscious. He emphasized that for efficient healthcare management, it is necessary to assure that there is timely healthcare delivery, clinical data management, healthcare policy, stable economy of healthcare and quality assurance. He mentioned that according to a study in Harvard, success of any institution is attributed to the skills of human resources. It needs the right set of people and manage them. A managerial matrix consists of coalition between managerial and clinical system where the balance between the two is required and to work symbiotically. He explained about both administration & Consultants expectations. He also mentioned about what the administrators want which include long term association, unique opportunity to connect medical and administrative group, quality, commitment and compassion, time i.e. availability of doctors, doctors should give substantial amount of time. He said that the key ingredient is trust, trust for the person who they are going

to work not just the organization. The 5 elements of trust deficit are lack of transparency, lack of communication, ignorant medics and physicians, lack of patient safety, low quality of service. Thus, the right approach is to build capacity without creating dependency, leadership should be approachable by putting people at ease, listening intensively and staying curious, provide clear well-defined goals, targeted yet flexible approach for budgets, use the levers of change to achieve goals, avoid competition and encourage collaboration.

Financial Planning for Sustainable Hospitals- Mr. Meghraj Gore, Vice President – Operations, Fortis Healthcare Limited.

Mr. Meghraj Gore started his speech with appreciating the wonderful campus of SIU Lavale. He highlighted the 3 main key words for success i.e. sustainability, finance and planning. He mentioned healthcare as a relatively new industry in organized sector and explained about the achievements made by private sector in healthcare in India during the last decade. He also mentioned the increasing number of foreigners visiting India for treatment. He said “making India” is the flavour of healthcare industry and stated the numbers and stats supporting his statement. Further he discussed about the future of healthcare in India and growth of Indian healthcare market over the next decade. He mentioned the 2004 data and WHO recommendations and numbers added in Indian medical education system also shared the decrease in actual practicing number of medical professionals because of various reasons this leads to increase in competition and the compounding effects of increasing cost and lack of manpower. He discussed in detail the imperative nature of the business and must develop strong business acumen. He next told the five basic fundamentals of financial planning explain in detail Patient Satisfaction, Growth, Cash flow contribution and Velocity. He continued his speech stating examples from cricket and highlighted misrepresentation of facts by “lag indicators”. He concluded by explaining the concept of ROCE (returns on capital investment) and strategies to build and execute a successful business model.

Training & Development for Healthcare Professionals- Dr. Rakesh Varma, Managing Director, Falcon Skills.

Dr. Rakesh Varma began his session by enlightening the delegates about lack of skilled professionals in healthcare and the need of formal training to work in Healthcare System. Healthcare has diverse workforce of qualified Doctors, Nurses, Paramedics, Support staff. He told that efforts are increasing in bringing healthcare near to patient. For this professional should be skilled. He spoke about various subsets of Healthcare industry has i.e. Insurance, IT,

Medical devices, Pharmaceuticals, Hospitals, Healthcare BPO and Artificial Intelligence. Healthcare market is increasing significantly in India. Current growth areas are Home Healthcare, Artificial Intelligence in Healthcare, Healthcare Technology, Big data, Medical value travel tourism, Off shoots (like Geriatrics, Mental health, Rehabilitation services, Sports medicine, Wellness and Complementary medicine) and Telemedicine. He also spoke about Healthcare supply demand mismatch and discussed statistics regarding the same. Next, he spoke about barriers to learning and development namely weak interface between formal education and industry, lack of confidence in conflict resolution, no formal way of gaining knowledge and skills, training is not formally budgeted and data on training is often unreliable. He concluded by briefing about his organization and giving glimpse of various professional up gradation programmes offered by his institute.

Legal aspects of healthcare delivery- Dr. Sanjay Gupte, Former President, The Federation of Obstetric and Gynaecological Societies of India.

Dr. Sanjay Gupte started his speech by giving a brief outline about his topic and Indian judiciary system. He told about the types of various laws, laws governing the commissioning of hospital and laws governing qualifications / practice and conduct of professionals. He then gave the overview of the various laws under which medical professionals may be punished with imprisonment. He stated that hospital administrators and doctors should know these topics to avoid any untoward effects. He mentioned about power of states and explained that professionals may be held liable for negligence on the ground that he was not possessing the requisite skill which he professes to have. He told privileges to practice any system of medicine is conferred upon by the State law for the time being in force, under which medical practitioners of Indian Medicine are registered in the State by supporting with examples. He then mentioned about the recognition of medical degrees, Unlicensed Practitioners and steps taken by State Governments to stop unqualified practitioners. He explained in brief regarding the reproductive rights and gender issues and explained certain cases pertaining to the same topic. He spoke about failed sterilization and Medical Negligence and consent for sterilization. He mentioned about MTP Act in brief and discussed PCPNDT ACT with its salient features. He further spoke about the Surrogacy Laws in India. He then discussed The Protection of Children from Sexual Offences (POCSO) Act, 2012 and The POCSO Rules, 2012 and what is meant by Medical negligence, its implications and remedies against negligence he then mentioned about criminal negligence explaining the same with example of case of Jacob Mathews v/s Punjab Government. He stated various medicolegal cases regarding jurisdiction by consumer courts. He further mentioned Res ipsa loquitur. He concluded his speech by mentioning certain cases which showed some far-reaching judgements in Indian medical law field. He then touched the topic of passive euthanasia and Living Will, in India. He also touched upon the topics such as Ayushman Bharat, National Medical Commission Bill and other topics in news. He then gave an understanding of the legal aspects of healthcare delivery helps in analysing the clarity when dealing with issues and activities that are critical to health and safety, legal liabilities and regulatory requirements.

Valedictory ceremony

Dr. Rajiv Yeravdekar, Dean, Faculty of Health & Biological Sciences, SIU

Dr. Rajiv Yeravdekar began the valedictory ceremony by greeting the audience and dignitaries and introduced the Chief guests. He emphasized on the skill development, especially about communication skills. He addressed the students who completed post graduate diploma degree encouraging them to invest more in themselves by involving in interdisciplinary approach. He lastly congratulated the students for completing their post graduate degree, and wishing them luck for their further journey.

Presided over- Dr. S. B. Mujumdar, Founder and President, Symbiosis.

The honourable Chancellor Dr. S B Mujumdar Sir acknowledged the presence of the chief guest Shri. Girish Mahajan and other dignitaries present for the ceremony and welcomed them all. He emphasized on the fact that Symbiosis University is a health promoting university and has a separate institution for psychological and mental well-being. He also mentioned that the university takes proper measures to look after the health of staff, students of the university, thus, stating the importance of mental health along with physical health.

He declared the convocation open for the Distance education students and conferred various diplomas. He further congratulated all the DEP students for successfully completing their post graduate diplomas and appreciated their focus on professional upgradation. In the end he declared Convocation closed.

Chief Guest- Shri. Girish Mahajan, Minister for Water Resources and Medical Education, Govt. of Maharashtra.

Shri. Girish Mahajan started his session by thanking the guest and dignitaries for the opportunity given to him. He thanked Dr S. B. Mujumdar Sir for the immense contribution to the community. He spoke about his initial journey that lead him to become an MLA. He spoke extensively about the importance of irrigation, water resources and medical education. He mentioned that “Mental health is equally importance as physical health.” He said “Every zilla should have a medical college to serve the common man.” He mentioned how a doctor is considered as a god for the common man, and hence this should not be exploited by the doctors. He also mentioned about the various reforms that will be taking place in medical education and healthcare delivery in underprivileged sectors.

Guests of Honor- Dr. Ravi Wankhedkar, National President, Indian Medical Association.

Dr. Ravi Wankhedkar began his speech by thanking Dr. S. B. Mujumdar Sir saying that he felt honoured for being treated as family member. He spoke in brief about the objectives and the goals of the Indian Medical Association of the better health of the community. He mentioned that the system is working towards betterment of the health of the community. He emphasized

upon the integrated approach of the healthcare delivery. He also spoke about the importance of increased spending of the government on public health in our country. He also spoke about the importance of active consultation of all the healthcare stakeholders while making laws. He talked about “Mixing of Pathys” as a major problem faced by the country. He agreed upon giving more importance to mental health. He concluded his speech by declaring a Conference on emotional well-being of medical students and junior docs in Delhi.