



INTERNATIONAL INSTITUTE OF HEALTH MANAGEMENT RESEARCH DELHI

SYNAPSE



**JULY - AUGUST
2023**

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LIFE AT CAMPUS

NAAC ACCREDITATION (JULY 2023)

International Institute of Health Management Research, Delhi was awarded the prestigious NAAC Grade 'A' in the month of July 2023. The continuous hard work and perseverance of the entire IIHMR Delhi campus folks, including faculty, staff, and students, made this a very fruitful journey towards this accomplishment.



POSH SESSION (19th JULY 2023)

International Institute of Health Management Research, Delhi organized a session on PoSH and invited Ms. Seema Singh, Chief human resources officer for Radical Minds Technologies Pvt. Ltd who delivered an informative and thought-provoking session. During the session, Ms. Seema shared real-life experiences and discussed the importance of sensitization of PoSH laws at the workplace. The session ended with a poster presentation competition on PoSH where Dr. Nehadur Mallick and Ms. Sonal Jaiswal took centre stage with their beautiful posters



LIFE AT CAMPUS

14th CONVOCATION CEREMONY (5th AUGUST 2023)

International Institute of Health Management Research, Delhi observed its 14th convocation ceremony for the passing out PGDM hospital and health management batch 2021-2023 and Executive program on hospital management for batch 2022-2023 at India Habitat Centre, Delhi. The chief guest of the ceremony was Ms Roli Singh, Additional Secretary, MoHFW. The guest of honour was Maj Gen (Prof) Atul Kotwal, SM, VSM, Executive Director, NHSRC. Around 128 PGDM students and 18 Executive batch students were conferred degrees.



ORIENTATION DAY (10th AUGUST, 2023)

International Institute of Health Management Research, Delhi welcomed the PGDM batch 2023-25 on the Orientation Day which was organized on 10th August 2023. The excitement filled the air as students explored uncharted territories, built bonds, and embraced opportunities. The event was addressed by Dr. Sutapa. B. Neogi, Director, IIHMR Delhi as she guided the students embarking on a transformative chapter.



LIFE AT CAMPUS

INDEPENDENCE DAY CELEBRATION (15th AUGUST, 2023)

HUMANITARIAN DAY WORKSHOP (16th AUGUST, 2023)

On the occasion of Independence Day, International Institute of Health Management Research, Delhi celebrated the spirit of India and its promise for a brighter and healthier future. Several events were organized, and it turned out to be a great success with enthusiastic participation from all the students and faculty members.

International Institute of Health Management Research, Delhi organized a workshop on 16th August 2023 on “Unfolding challenges of Humanitarian crisis during disasters” to commemorate “World Humanitarian Day” observed on 19th August every year. The event was presided over by Shri Rajendra Ratnoo, IAS, ED, NIDM. It was a thought-provoking and insightful learning experience for IIHMR Delhi students, faculty, and participants who hailed from several parts of the country.



LIFE AT CAMPUS

FOUNDATION DAY CELEBRATIONS (19th AUGUST, 2023)

International Institute of Health Management Research, Delhi celebrated its 15th Foundation Day on 19th August 2023. The event turned out to be a huge success with astounding dance, standup, and singing performed by the students of the 1st and 2nd year PGDM batch. The campus buzzed with excitement as Dr. Rana.J.Singh, Deputy Regional Director (Tobacco Control and NCD) of the Union (SEA), graced the event as chief guest.



CELEBRATING THE SUCCESS OF CHANDRAYAAN 3 (23rd AUGUST, 2023)

As India's pursuit of space exploration reaches a remarkable milestone, faculty and students of IIHMR, Delhi had the incredible opportunity to witness the LIVE stream of Chandrayaan-3 historic landing on the Moon. This monumental achievement signifies the prowess of Indian Science, Engineering, Technology and Industry, reflecting our nation's dedication to pushing boundaries and exploring the unknown.



CLINICAL RESEARCH WORKSHOP

(21st TO 24TH AUGUST 2023)

International Institute of Health Management Research organized a 4-day Clinical Research Workshop from 21st August 2023 to 24th August 2023. This workshop was an immersive learning experience for the participants who took a step forward in unlocking a world of possibilities in clinical research.



ACADEMIA

TELEMEDICINE

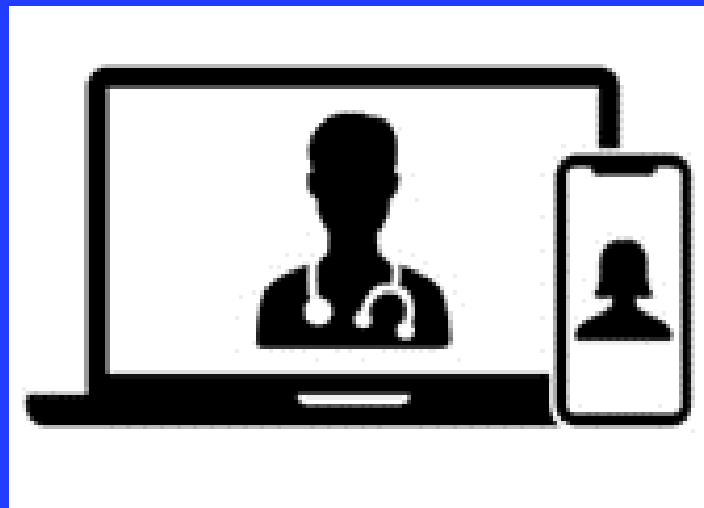
Telemedicine largely refers to the use of communication networks and digital solutions in providing health services. It facilitates collaboration and interaction between providers and patients across spatial boundaries for activities which can either be linked to health promotion, prevention, diagnosis, timely referral, management, and follow-up. Telemedicine allows an increased access to health care and to improve patient outcomes particularly for population which encounter barriers in accessing adequate care due to financial or geographic constraints. Its importance was very well recognized during the COVID-19 pandemic.

India's initiatives on Telemedicine

In Indian setting, the telemedicine was initially started in collaboration with the Indian Space Research Organization way back in 2001. Since then, several telemedicine projects have been launched in different states either in collaboration with Ministry of Electronics and Information Technology (MEITY) and Ministry of Health and Family Welfare (MoHFW). The National Health Policy-2017 underscores the importance of telemedicine and recommended extensive deployment of digital tools for improving the outreach of the healthcare system.

In November 2019, the Union Ministry of Health, and Family Welfare conceptualised eSanjeevani, a hub-and-spoke approach to doctor-to-doctor telemedicine platform, for deployment at 1,55,000 Health and Wellness Centres under the Ayushman Bharat Scheme of the Government of India.

In partnership with The Centre for Development of Advanced Computing (Mohali), the Union Health Ministry made sure that this programme was quickly developed and implemented in March 2020 because to the COVID-19 epidemic, which forced OPDs across the nation to close. Around 20,000 Health and Wellness Centres have the doctor-to-doctor telemedicine platform eSanjeevaniAB-HWC established, together with around 1800 hubs in about thirty States.



The Ministry of Defence has also hosted a National OPD on eSanjeevaniOPD, where more than 100 seasoned medical professionals that the Ministry of Defence has hired provide care to patients all throughout the nation. The National Telemedicine Service (eSanjeevani) of the Union Health Ministry has reached a new milestone by completing 6 million (60 lakh) consultations through more than 375 online outpatient departments (OPDs), where more than 40,000 patients consult more than 1600 doctors and specialists every day using this cutting-edge digital platform to access healthcare.

ACADEMIA

Two Variants of eSanjeevani-

1) **eSanjeevani Ayushman Bharat-Health and Wellness Centre (AB-HWC):** Ayushman Bharat-Health and Wellness Centres, a programme of the Indian government, offers a doctor-to-doctor telemedicine service to deliver general and specialty healthcare in remote towns and rural regions. Through paramedics at the spoke, this enables real-time virtual consultation between physicians and specialists at the hub and the recipient.

The electronic prescription created at the end of the session is utilised to purchase medications. The goal of "eSanjeevaniAB-HWC" is to deliver high-quality healthcare to as many persons as possible by using information technology and overcoming obstacles like distance, cost, location, and accessibility.

2) **eSanjeevaniOPD:** With the help of this patient-to-doctor telemedicine service, patients may receive outpatient care right in the comfort of their own homes. 'eSanjeevaniOPD' has also been swiftly and broadly embraced by the populace around the nation. It is accessible as a mobile app for smartphones running Android and iOS, and more than 3 million people have downloaded these apps.



Benefits Of eSanjeevani (Telemedicine)

- Allowing persons in distant or rural areas to receive medical care from a doctor or specialist without having to travel or pay for a visit.
- By making physicians and experts available to rural people through their local Health & Wellness Centres, helps keep secondary and tertiary level hospitals less busy.
- eSanjeevani has shortened and improved the process of creating electronic health records at the community level by enabling patients to see a doctor or specialist in just a few short minutes.
- Patients may consult professionals through contactless, safe, and protected medical consultations while remaining in the comfort of their own homes.
- With the use of cloud services, eSanjeevani is a completely transformational technological intervention.

Drawbacks Of Telemedicine

- Problems with technology when utilising devices
- Incapacity to study people physically
- Lack of patient-doctor trust and rapport a lack of access to the essential tools, such as high-speed internet a difficulty in diagnosing because of a bad camera, photos, or illumination a problem with protecting electronic health information
- Concerns around malpractice and responsibility are not clearly defined.

Research Insights

PRIMARY AND SECONDARY PREVENTION OF BREAST CANCER

Breast cancer is a disease in which abnormal breast cells grow out of control and form tumours. If left unchecked, the tumours can spread throughout the body and become fatal. Breast cancer is the most common cancer among women and is the second cancer frequently occurring worldwide of newly diagnosed cancers. According to the World Health Organization, there were 2.3 million women diagnosed with breast cancer and 685,000 deaths globally (in 2020). As of the end of 2020, there were 7.8 million women alive who were diagnosed with breast cancer in the past 5 years, making it the world's most prevalent cancer. Breast cancer occurs in every country of the world in women at any age after puberty but with increasing rates in later life.

Evidence shows that there is an influence of lifestyle and environmental factors, such as a high-fat diet, alcohol consumption, and lack of physical exercise on the development of mammary gland cancer, the elimination of which may contribute to a decrease in morbidity and mortality. Secondary prevention, comprising diagnostic tests, such as mammography, ultrasonography, magnetic resonance imaging, and breast self-examination, as well as modern and more precise imaging methods helps the early detection of tumours or lesions predisposing to tumours.

PRIMARY PREVENTION consists of eliminating the causes leading to the disease occurrence, and increasing or enhancing the immune system in the population

Diet: A healthy diet in cancer prevention is a diet that helps maintain proper body weight, is rich in fruit, vegetables, cereals and legumes, contains little red meat and little salt, and does not consist of processed meat. Avoiding sweet beverages and reducing the consumption of high-calorie food and alcoholic beverages is recommended as part of the diet.

Obesity: Excessive consumption of high-calorie meals leads to weight gain and eventually to obesity, which is related to higher cancer risk. Obesity is a result of long-term increased energy consumption against energy expenditure. Maintaining normal body weight reduces the risk of breast cancer development, improves prognosis and reduces the possibility of occurrence of oncological treatment complications.

Alcohol: There are 3 mechanisms that explain alcohol's influence on the development of mammary gland cancer: impact on the level of estrogens, estrogen receptors and development of alcohol metabolism by-products. The risk of cancer increases depending on alcohol dose in combination with biological mechanisms, where ethanol and its genotoxic metabolism and acetaldehyde play an important role.

Research Insights

SECONDARY PREVENTION aims at terminating the process of disease development before its full symptoms are diagnosed, which may impede or prevent the development of a malign tumour. Screening is the main example of such a prevention, and is targeted at specified groups of the healthy population characterized by a greater risk.

Mammography: Mammography is a screening testing for mammary gland cancer. Mammography is not recommended for women at moderate risk of breast cancer, under 40-years-old since ionizing radiation may induce the process of tumour development, and the risk is higher for younger women, especially if they had been exposed before they turned 30-years-old. The disease latency period lasts 10 years, whereas increased risk lasts throughout the whole life.

Ultrasonography (USG): Breast examination by means of ultrasonography is safe as there is no ionizing radiation and it is non-invasive. It is mostly used to complement other diagnostic examinations, as well as to conduct biopsy under USG control.

Magnetic Resonance Imaging (MRI): Mammary gland examination by means of magnetic resonance imaging is similarly to USG – non-invasive and safe (no X-radiation). It mostly complements mammography by increasing the detection of malignant lesions

Breast Self-Examination (BSE): Breast self-examination applied as a self-method is not a sufficient, but still an important element in helping detect cancer at an early stage

Modern and non-standard imaging methods: High definition digital mammography is one of the modern imaging methods of mammary glands and is used in combination with iodinated contrast agents. Images before and after contrast administration are obtained during one examination.

Primary and secondary prevention have a significant impact on morbidity and the detection of cancer. Modern lifestyles and various easily accessible stimulants contribute to the fact that lifestyle and environmental factors are playing a greater role in breast cancer development. Living in big urban agglomerations causes the situation where women do not have time to properly take care of their health or await diagnostic examinations for a long time. On the other hand, there is worse accessibility to imaging examinations in smaller cities. Extending women's knowledge regarding the impact of their behaviour on breast cancer development and educating them about the possibilities to gain control over this disease by implementing modifications of their habits is an important aspect.



Puzzle Time

Public Health Word Search



Sexual health Counselling Clinics Food safety
Air quality Vaccine Nutrition Wellness Equity
Mental health Covid Epidemic Disease

ANSWERS ARE AT THE LAST PAGE

Hospital Buzz

AIIMS witnessing 100 conjunctivitis patients a day, most cases mild

New Delhi: Adenoviral conjunctivitis has been the most common type of conjunctivitis among cases being reported at the Dr Rajendra Prasad Centre for Ophthalmic Sciences, AIIMS, Delhi, over the last one week.

Adenoviral conjunctivitis is the most common subtype which causes inflammation or irritation of the conjunctiva, the white part of the eye.

Source: The Indian Express
[click here to view the full article](#)

TN to set up Ayush integrated hospitals in all districts: Ma Subramanian

Chennai: Tamil Nadu will aim to set up Ayush integrated hospitals in all districts, health minister Ma Subramanian said during the regional review meeting on National Ayush Mission chaired by Union Ayush minister Sarbananda Sonowal in the city on Tuesday.

Source: The Times of India
[click here to view the full text](#)

Govt launches chemotherapy services at 30 ESIC hospitals

NEW DELHI: The government has launched in-house chemotherapy services at 30 ESIC hospitals across the country, according to an official statement. Union Minister for Labour & Employment Bhupender Yadav on Thursday launched the chemotherapy services during the 191st meeting of the ESI Corporation at ESIC headquarters in New Delhi.

Source: The Times of India
[click here to view the full text](#)

Docs remove fetus from 7-mth-old baby

PRAYAGRAJ: A case of fetus in fetu (FIF), a rare congenital anomaly, was reported at SN Children's Hospital of the city wherein a seven-month-old boy was found carrying a fetus of an equal age inside his stomach.

Source: The Times of India
[click here to view the full article](#)

India's DLF to foray into hospital space

India's top real-estate developer DLF (DLF.NS) will form a company with Global Health Ltd (GLOH.NS) to launch a multi-speciality hospital, the two companies said on Thursday, in what is DLF's foray into the country's booming hospital sector.

Source: Reuters
[click here to view the full text](#)

Eight hospitals put on 'high alert' for the G-20 Summit

Five government hospitals and three private medical facilities have been put on "high alert" in view of the upcoming G-20 Summit in the national capital, Health Minister Saurabh Bharadwaj said on Wednesday, August 30, 2023.

The Delhi Health Department has formed 80 teams of doctors and nursing staff for the guests staying at various hotels in the city. Lok Nayak Hospital, GB Pant Hospital, GTB Hospital, Deen Dayal Upadhyay Hospital, and Babasaheb Ambedkar Hospital, along with private facilities Primus Hospital (Chanakyapuri), Max Hospital (Saket), and Manipal Hospital (Dwarka), have been put on alert.

Source: The Hindu
[click here to view the full text](#)

Health Buzz

Pirola the highly mutated COVID-19 variant can be a cause of concern:

Experts

As medical experts diligently observe the situation, questions linger about whether the latest BA.2.86 COVID variant, also called Pirola possesses greater transmissibility compared to current strains and whether it will assert dominance in the ongoing fight against COVID-19.

[click here to view the full text](#)

Nipah virus in Kerala: 9 panchayats in Kozhikode district declared containment zones as contact list expands to 789

As many as 153 health workers have figured in the contact list of the confirmed cases.

[click here to view the full text](#)

Mansukh Mandaviya speaks to state health ministers, officials on 'Ayushman Bhava' programme

The 'Ayushman Bhava' campaign, initiated by the Ministry of Health and Family Welfare is a comprehensive nationwide healthcare initiative that aims to provide saturation coverage of healthcare services, reaching every village and town in the country. This groundbreaking initiative builds upon the success of the Ayushman Bharat program and signifies a paradigm shift in healthcare services.

[click here to view the full text](#)

Lead exposure likely caused 5.5 million deaths from cardiovascular disease in 2019: Lancet study

The findings indicate the global health effects of lead exposure could be similar to the estimated health effects of small particle pollution, PM2.5, and household air pollution combined, and three times greater than the health effects of unsafe drinking water, sanitation, and handwashing.

[click here to view the full text](#)

Monkeypox surveillance helps identify variant of virus causing chickenpox

This is the first study reporting the circulations of varicella zoster virus clade 9 in India, whereas clade 9 is the most common strain in circulation in countries such as Germany, the UK, and the USA.

[click here to view the full text](#)

WHO launches a new Global Initiative on Digital Health supported the G20 Presidency

The World Health Organization (WHO) and the G20 India presidency announced a new Global Initiative on Digital Health (GIDH) at the Health Minister's Meeting of the G20 Summit hosted by the Government of India.

[click here to view the full text](#)

Health IT Buzz

Phone Data in Public Health Efforts May Magnify Health Inequities

Phone data used for public health initiatives may underrepresent vulnerable populations due to disparities in mobile phone ownership and biases in the data.

Source: Health IT Analytics
[click here to view the full article](#)

ChatGPT, Provider Responses Almost Indistinguishable to Patients

Researchers investigating the utility of chatbots for patient-provider communication found that laypeople may trust chatgpt to answer low-risk health questions.

Source: Health IT Analytics
[click here to view the full article](#)

Why Are Healthcare Data Breaches So Expensive?

The complexity and volume of health data, paired with its status as a highly regulated critical infrastructure sector, make healthcare data breaches more expensive than those in other sectors.

Source: health it analytics
[click here to view the full article](#)

Going beyond SDOH to reduce readmissions

A new study looked at how AI and NLP could be used in a post-acute discharge patient engagement program to address factors beyond social determinants of health and address emotional, behavioral and other barriers to recovery.

Source: Healthcare IT News
[click here to view the full article](#)

Algorithm Provides Insights into Physician Turnover Trends

Researchers created an algorithm that highlighted the rise in physician turnover between 2010 and 2018, indicating the need for further investigation.

Source: Health IT Analytics
[click here to view the full article](#)

Senator Calls on Google to Ensure Ethical Deployment of Health AI

In a letter to google ceo sundar pichai, us sen. Mark r. Warner raises concerns about transparency, patient privacy, and ethical guardrails related to med-palm 2.

Source: Health IT Analytics
[click here to view the full article](#)

SYNAPSE TEAM

1. DR. SONIA RAPADIA
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6. MS. PRACHI
7. DR. SUNAYNA SINGH
8. DR. ISHITA SHARMA
9. DR. AAYUSHI SINGH
10. MS. SUDIKSHA GUPTA

"To know even one life has breathed easier because you have lived; that is to have succeeded"

— Ralph Waldo Emerson

