



SYNAPSE

(Monthly health e-newsletter)

International Institute of Health Management Research,
Delhi

IMPROVING HEALTHCARE THROUGH RESEARCH



Dated: 7th December, 2016 ; Issue: 75th

IIHMR, Delhi works with a mission of improving standards of health through better management of healthcare and related programmes, prepare students for managerial positions with a focus on national and international healthcare management.

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HOSPITAL AND HEALTH INSIGHT

Demonetisation: Online health services see surge in traffic

Online healthcare consultation platforms have witnessed a "huge jump" in the number of visitors as cash crunch in the wake of demonetisation has diverted many people towards telemedicine. [Read more](#)

First in Asia: AIIMS opts for virtual autopsies

For the first time in Asia a digital radiological unit has been set up which enables doctors to conduct virtual autopsies with the help of high tech digital X-rays. This technology promises to be a boon in cases where only skeletal remains are recovered. [Read more](#)

Health ministry's plan to focus on lung disorder

The Union health ministry has planned to release the "New Delhi declaration on mitigating effects of air pollution". This will offer a time-bound action plan to different ministries to address various sources of air pollution. The health ministry has also decided to include chronic obstructive pulmonary disorder (COPD)—a health condition closely associated with exposure to toxic air—in the non-communicable diseases (NCD) programme. [Read more](#)

Over 2000 seats vacant in medical schools as infra, cost keep students away

Despite a shortage of institutions offering the MBBS course, as many as 2,078 seats remained vacant in 83 of the country's 417 private and government medical colleges this year. Many colleges in this category were newly sanctioned by the Supreme Court-appointed oversight committee (OC).

Experts say this phenomenon highlights the need to launch quality colleges instead of setting up a number of inferior institutions every year. There are over six students vying for a single medical seat. Experts believe poor infrastructure and lack of qualified faculty members are the main reasons for students rejecting certain institutions. [Read more](#)

**EVENTS AT IIHMR' Delhi
MDP's @ IIHMR**

**Costing and Cost
Containment Strategies in
Hospital (Non-Residential
Programme)**

17-20 Jan' 2017

For MDP details contact:

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Breathless in Delhi: Why we must clean up the air for our kids

On Friday, the Court recognised their right to clean air and banned the sale of crackers in the national capital region. Air Pollution' is listed as a carcinogen that's as hazardous as tobacco, alcohol, ultraviolet radiation, arsenic and radioactive substances, says the International Agency for Research on Cancer (IARC). An efficient public transport system to reduce people's dependence on fossil-fuel burning cars is a start, as is moving industrial sites, smoldering dumps and electrical generators that burn biomass fuels away from residential neighbourhoods, and adopting sustainable energy solutions to reduce reliance on polluting sources of energy. [Read more](#)

WORLD AT GLANCE

Vaccine against HIV infection closer to reality

In a significant progress towards the development of a vaccine against HIV, scientists have developed a new approach to help the immune system actively fight the virus in the body. For the first time, researchers showed that a combined approach – using a common cold virus to introduce a vaccine into the body, as well as an injection of a DNA-based vaccine – may help protect against HIV in the gut and bodily cavities. [Read more](#)

WHO issues new guidance on HIV self-testing ahead of World AIDS Day

In advance of World AIDS Day, WHO has released new guidelines on HIV self-testing to improve access to and uptake of HIV diagnosis "Millions of people with HIV are still missing out on life-saving treatment, which can also prevent HIV transmission to others," said Dr Margaret Chan, WHO Director-General. "HIV self-testing should open the door for many more people to know their HIV status and find out how to get treatment and access prevention services." [Read more](#)

Air pollution behind 10% under-5 years deaths: Unicef report

The latest Unicef report details on the reasons for under-5 years deaths. According to the report, about 10% of under-5 years deaths were caused due to air pollution. [Read more](#)

RECENT RESEARCHES

Wild silk protein helps in faster, scar-free healing of wounds

Indian researchers have developed a wound-healing nanofibrous mat. Made of a non-protein polymer (PVA) mixed with silk protein and coated with an antibiotic and epidermal growth factor which heals wounds faster and without scarring. [Read more](#)

QUICK FACTS

1. [Research shows protein-carbohydrate combo good for gut health](#)
2. [Flavored e-cigarettes contain carcinogens.](#)
3. [Stop them now! Teenagers consume a bathtub of sugary drinks a year](#)

Discovery of special stem cells in fruit flies to help study diseases

Many diseases in humans are linked to the development of blood cells. But studying how the development of blood cells in humans leads to these diseases has been difficult as the early hematopoietic stem cell development takes place in a six-week-old embryo. For the first time, researchers have discovered hematopoietic stem cells in *Drosophila* (fruit flies), thus providing an invertebrate model to study hematopoietic stem cells. [Read more](#)

Cure for rheumatoid arthritis? Scientists say they are close to breakthrough

This latest American study focused on the genetic character of this debilitating disease. Along with the deregulation of patients' immune systems, genetic risk factors can account for 50% of the probability of developing rheumatoid arthritis. According to their findings, patients showing a wide variation of MIF genes produce higher quantities of MIF proteins implicated in the development of cancers. They further concluded that this process is also at work on the level of damaged joint cells. [Read more](#)

Largest resource of human protein-protein interactions can help interpret genomic data

An international research team has developed the largest database of protein-to-protein interaction networks, a resource that can illuminate how numerous disease-associated genes contribute to disease development and progression. [Read more](#)

REFLECTIONS

The Research Capacity Building Program

(November 24th and 25th, 2016 at Hotel Ramada, Gurgaon)

The Research Capacity Building Program (RCBP) organized a workshop on November 24th and 25th, 2016 at Hotel Ramada, Gurgaon on basic research skills for conducting Eco Health research for IIHMR Delhi 09 Master Fellowship students under the PHFI-ILRI's India Research Initiative on Peri-Urban Human-Animal Environment Interface.

The workshop aimed at bringing together selected candidates, the mentors and experts from multidisciplinary backgrounds to learn from and share their experiences on EcoHealth research as a novel approach for understanding complex issues at the human-animal-environment interface. Students received hands-on training on Mendeley software for reference management.

UPCOMING CONFERENCES/ EVENTS

India Health & Wellness Summit and Awards 2026

Date- 15th Dec'2016

Venue- Hotel Taj Palace,
New Delhi

Website-

<http://indiahealthsummit.com>

HITcon 2017

Date- 21-22nd Jan'2017

Venue- Ahmedabad
Management Association,
Ahmedabad

Website-

<http://managementmedicos.com/hitcon-2017/>

MediTech Healthcare Asia, 2017

Date- 10-12th Jan'2017

Venue- Ahmedabad

Website-

<http://www.radeecal.in/events/meditech-healthcare-asia-2017/>



Quality Assessment Study By IIHMR, Delhi

International Institute of Health Management Research has done quality assessment of 135 Urban Public Health Centres of Delhi under the project of National Health System Resource Centre. The students of IIHMR, Delhi were involved in data collection. The objectives of this study were –

1. To assess the selected 135 Urban Primary Health Centres in National Capital Territory of Delhi using 12 thematic checklists of Urban Primary Health Centres defined under National Quality Assurance Standards.
2. To give recommendations for improvement in the quality services in Urban Health facilities.



Madhya Pradesh to launch 'Lalima Abhiyan' to make state free from anaemia



With an aim to make Madhya Pradesh anaemia-free, the state government has decided to launch 'Lalima Abhiyan' on November 1.

Under the campaign, free iron folic acid tablets will be provided in aanganwadis, academic institutions and hospitals.

Chief Minister Shivraj Singh Chouhan has urged the Union Minister for Health Jagat Prasad Nadda through letter to distribute ferrous escorbate tablets in place of ferrous sulphate tablets. Union Government has assured full cooperation in this matter.

Anaemia is a common health problem in women, teenage girls and children. If pregnant woman suffers from anaemia, the new born will be of low weight and weak. This anaemia is a basic problem of malnutrition..As per the figures of National Family Health Survey-4, 52.5 per cent women in the age group of 15 to 49 years and 25.5 percent men are suffering from anaemia. And with the goal to reduce the number of females affected by anaemia this programme is launched.

Absorption of iron elements in human body takes place due to availability of vitamin-c which is found in sour substance. Hence, constant availability of iron folic acid tablets beside proper consumption of tablets with sour substance will be publicized during the campaign.

Lalima Abhiyan will be conducted on Mission-Mode in the state and beside women and child development; cooperation of public health engineering, ayush and school education department will be taken. Natural, Modern and traditional measures will be publicized to keep anemia away in the campaign proving it as a major step to reduce the anaemic females in the state.

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Re-emergence of syphilis traced to pandemic strain cluster

Over the last few decades, an age-old infectious disease has been re-emerging globally: syphilis. Using techniques to analyze low levels of DNA, an international research team has now shown that all syphilis strains from modern patient samples share a common ancestor from the 1700s. Furthermore, their research demonstrates that strains dominating infections today originate from a pandemic cluster that emerged after 1950, and these strains share a worrying trait: resistance to the second-line antibiotic azithromycin. **Read more**

HEALTH TIP**HEALTH BENEFITS OF DRINKING LEMON WATER**

Lemon is a natural energizer; it hydrates and oxygenates the body so it feels revitalized and refreshed!

- Boosts your immune system
- Balances pH
- Flush out unwanted materials
- Decrease wrinkles and blemishes
- Relieve tooth pain
- Relieves respiratory problems
- Cures Throat Infections
- Excellent for Weight Loss
- Reduces Fever
- Blood purifier

**NOTE:**

The newsletter is open for inclusion of any information or advertisement; however selection of information will be governed by the SYNAPSE Team, IIMR, New Delhi
IF YOU DO NOT WISH TO RECEIVE FURTHER ISSUES, KINDLY MAIL US.

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