



LIVHMR
DELHI



SYNAPSE VERSION '63

SYNAPSE TEAM WISHING
MERRY CHRISTMAS

MAY THE GOOD THINGS IN LIFE
BE YOURS IN ABUNDANCE



SYNAPSE

.....Monthly health e-newsletter

International Institute of Health Management Research, Delhi

Improving healthcare through research



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HOSPITAL AND HEALTH INSIGHT

THE RISING INCIDENCE OF LUNG CANCER IN INDIAN MEN

Lung cancer is no more a smoker's disease and has moved to the top of the category of life-threatening ailments among Indian males and in the coming years women may also have to face a higher risk of developing lung cancer, expressed doctors in the national capital.

[Read more](#)

AIIMS TO CONDUCT RESEARCH ON TYPE 2 DIABETES

The AIIMS has collaborated with the George Institute for Global Health, Australia, to research if lifestyle modification programme can delay the onset of Type 2 diabetes in women with gestational diabetes mellitus (GDM). GDM is a condition that develops during pregnancy when the body is not able to make enough insulin.

[Read more](#)

WORLD DIABETES 2015: THE EYE-OPENING REALITY OF DIABETES IN INDIA

The current expenditure on diabetes treatment in India is approximately 95 USD (Rs. 6,000) person/annum as per IDF Atlas, 2014, whereas the cost of treatment of one complication of diabetes, e.g. treating the diabetic foot is around Rs. 10-30,000 per treatment. With the huge numbers of diabetes patients and complications we are dealing with, overall health expenditure per person is much lesser as compared to the developed countries.

[Read more](#)

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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[EVENTS AT IIHMR](#)

MDP's @ IIHMR

Training Programme on Practices of GO-NGO Collaboration for Health Service to the Poor

December 3- 9, 2015

Building Workshop on Project Implementation and Management Skills

January 18-20, 2016

Second Management Development Programme on Emerging Trends In Healthcare Waste Management

January 21- 23, 2016

Second Management Development Programs on Costing and Cost Containment in Hospital Industry

February 9- 12, 2016

For MDP details contact:

Training Officer, IIHMR
E-mail: shikha@iihmr.org

UNION MINISTER URGES DOCTORS TO IMPROVE PREVENTIVE HEALTHCARE

Union Health Minister J.P. Nadda recently urged family medicine practitioners in the country to come up with solutions for improving preventive and promotive healthcare in the country. Family medicine practitioners are the doctors who treat patients at primary and secondary levels. The out of pocket expenses incurred by a large section of population still remains high. According to the health ministry, non-communicable diseases account for 60 percent of mortality in India.

[Read more](#)

WORLD AT GLANCE

BRITAIN GIVES GREEN LIGHT FOR 10 WOMB TRANSPLANTS

UK's first 10 womb transplants have been granted ethical permission after a woman successfully gave birth to a baby from a transplanted womb in Sweden on September 2014. The donated womb came from the woman's own mother, making it the first baby in the world born to a woman using the same womb from which she was herself born.

[Read more](#)

WHO WARNS OF WIDESPREAD MISUNDERSTANDING OF SUPERBUG THREAT

According to the World Health Organization (WHO), people across the world are confused about the major threat to public health posed by drug-resistant superbugs and do not know how to stop that risk growing.

[Read more](#)

AUTISM RATE DOUBLES IN US TO ONE IN 45 KIDS

Autism affects one in 45 children in the United States, almost twice the rate from a few years ago, said a survey Friday that uses a new approach to assess the frequency of the developmental disorder. The latest figures may reflect a more accurate picture of autism spectrum disorder, said the report by the Centers for Disease Control and Prevention's (CDC) National Center for Health Statistics, and so does not necessarily mean that there is a ballooning autism epidemic.

[Read more](#)

QUICK FACTS

[Stress may cause skin problems](#)

[Health benefits of Meditation](#)

[Eating walnuts may lower heart disease risk](#)

[Viral Hepatitis: The silent Killer](#)

[Amazing Guava Benefits](#)

[Yoga for Eyes](#)

SOON, BATTERY-FREE PACEMAKERS POWERED BY HEART

Scientists are developing next-generation battery-free implantable pacemakers that may be powered by an unlikely source - the heart itself. The advancement is based upon a piezoelectric system that converts vibrational energy - created inside the chest by each heartbeat - into electricity to power the pacemaker. The technology may eliminate the medical risks, costs and inconvenience of having a battery replacement every five to 12 years for millions of people worldwide. Karami, who is leading the research, initially designed a flat piezoelectric structure for a conventional pacemaker which is running at a range of 7 to 700 beats per minute.

[Read more](#)

ARTIFICIAL PANCREAS PERFORMED WELL IN HUMANS IN US

A team of the US researchers has developed a functional artificial pancreas that has performed well in humans in clinical settings. Developed by combining mechanical artificial pancreas technology with transplantation of islet cells which produce insulin. In a study of 14 patients with pancreatitis who underwent standard surgery and auto-islet transplantation treatments, a closed-loop insulin pump was better than multiple daily insulin injections for maintaining normal blood glucose levels.

[Read more](#)

CANADIAN DOCTORS MAKE SCAR-FREE PLASTIC SURGERY POSSIBLE

A team of doctors has conducted what they say is the first scar-free facial reconstruction in the history of plastic surgery in Canada which was led by Daniel Borsuk from Hopital Maisonneuve-Rosemont, a hospital in Montreal, the doctors accomplished the operation in an adult patient in about eight hours & doctors carried out the facial reconstruction using virtual surgery and 3D models, with no scars left at all. In the past, this type of procedure would have necessitated multiple interventions and left one or more scars, the doctors said.

[Read more](#)

UPCOMING CONFERENCES

FIRST INTERNATIONAL CONFERENCE ON HEALTHCARE AND TECHNICAL RESEARCH

Date: 22nd to 24th
December 2015

Venue: Manipal,
Karnataka, India

Website: <http://ichtr.manipal.edu>

Contact person:
+91-7204219496 (Mr.
Mradul Tiwari, Joint
Secretary)

HEALTHCARE IT FORUM 2015 - STRATEGIES FOR TRANSFORMATIVE SHIFTS IN HEALTHCARE

Date: 14 December
2015 to 15 December
2015

Venue: Holiday Inn,
Mumbai International
Airport, Mumbai, India

Website: <http://indiahealthcareit.com/>

Contact person: 91-22-
61727082
(Ms. Steffi Misquitta)

NEW EBOLA VACCINE SAFE, STIMULATES STRONG IMMUNE RESPONSE

A fresh clinical trial of a new Ebola vaccine has found that it is well tolerated, safe and stimulates strong immune responses in adults in Mali, West Africa and in the US.

The study included the first testing of this vaccine in adult health care workers and other at-risk persons in Africa.

It identified the dose to be used in subsequent clinical trials and for large-scale manufacture of the vaccine.

[Read more](#)

NOW, A TEST THAT COULD DETERMINE IF YOU'LL GET DIABETES OR NOT

Researchers have discovered a panel of unsaturated fatty acid markers in blood that could lead to a simple test to warn people years before the onset of diabetes. These findings that were published in the journal *EbioMedicine* could ultimately help many people to make necessary lifestyle changes to avoid the chronic disease.

[Read more](#)

BEWARE: INDIAN SKIN CREAMS CONTAIN HIGH LEVELS OF STEROIDS

Skin creams found to contain corticosteroids that can lead to substantial and permanent damage on thin skin of face and groin, side effects like pigmentation, fungal and bacterial infection also observed. Doctors say there is a pandemic of adverse effects induced by topical corticosteroids in India which needs to be addressed urgently.

[Read more](#)

REFLECTIONS

**Demonstrating and promoting best techniques and practices for reducing healthcare waste to avoid environmental releases of dioxins and mercury-
The GEF/UNDP Project**

-Dr. Ashok K Agarwal

[Read more](#)



PRADHAN MANTRI SWASTHYA SURAKSHA YOJANA (PMSSY)

The Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) aims at correcting the imbalances in the availability of affordable healthcare facilities in the different parts of the country in general, and augmenting facilities for quality medical education in the under-served States in particular. The scheme was approved in March 2006.

The first phase in the PMSSY has two components - setting up of six institutions in the line of AIIMS; and upgradation of 13 existing Government medical college institutions.

Six AIIMS have been set up under the Pradhan Mantri Swasthya Suraksha Yojana in Patna, Jodhpur, Bhopal, Bhubaneswar, Rishikesh and Raipur

➤ The total no. of MBBS seats in the new institutions is **600** (100 in each AIIMS)

➤ Of these, **44** have remained vacant despite four calls for counselling

➤ Officials say students are unwilling to enrol in AIIMS **Patna and Raipur**



Possible Reasons

➤ The two centres with vacant seats do not have a full-fledged hospital attached to them

➤ Low student vs faculty ratio

➤ Even the pathological labs are not fully functional

➤ AIIMS, Patna, has been embroiled in controversy over faculty recruitments

In the second phase of PMSSY, the Government has approved the setting up of two more AIIMS-like institutions, one each in the States of West Bengal and Uttar Pradesh and upgradation of six medical college institutions in Amritsar, Himachal Pradesh, Tamil Nadu, Maharashtra, Aligarh and Rohtak. In the third phase of PMSSY, it is proposed to upgrade some of the existing medical college institutions in Uttar Pradesh, Madhya Pradesh, Bihar, Kerala, Karnataka.

[Read more](#)

[Read more](#)

MIND GAMES

9			3	7			1	
6	2			9				
		1				4		8
			5	3				
3	9		6		7		4	5
				1	4			
5		3				8		
				4			5	3
	6			5	3			4

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9	5	4	3	7	8	6	1	2
6	2	8	4	9	1	5	3	7
7	3	1	2	6	5	4	9	8
4	1	6	5	3	2	7	8	9
3	9	2	6	8	7	1	4	5
8	7	5	9	1	4	3	2	6
5	4	3	7	2	9	8	6	1
2	8	7	1	4	6	9	5	3
1	6	9	8	5	3	2	7	4

Answer:

NOTE:

The newsletter is open for inclusion of any information or advertisement; however selection of information will be governed by the SYNAPSE Team, IIHMR, New Delhi
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