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Building a Sustainable Future for Nursing in India: A Realistic Approach

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The global nursing profession is at a critical juncture, facing significant challenges and opportunities. The COVID-19 pandemic has underscored the essential role of nurses in healthcare, revealing the urgent need for well-trained and adequately staffed nursing teams.

The World Health Organization (WHO) estimates that approximately 9 million new nurses will be needed by 2030 to address the global shortage. In India, the situation is particularly dire, with a severe shortage of nurses impacting the quality of healthcare services. This article delves into the global status of the nursing profession, the specific challenges faced in India, the skilling gaps and initiatives to address them, the potential of AI in transforming nursing, and the strategic recommendations for building a sustainable future for nursing in India.

Global Status of Nursing Profession and Need for Skilling

Nursing is a critical component of the healthcare system worldwide. The demand for skilled nurses is driven by an aging population and increasing healthcare needs. However, there is a global shortage of qualified nursing professionals. This shortage underscores the importance of investing in nursing education and continuous professional development.

Transitioning nurses from primarily care providers to leadership roles is crucial for the advancement of the nursing profession and the overall improvement of healthcare systems. By empowering nurses as leaders, we can enhance patient outcomes, drive innovation, and ensure that healthcare delivery is efficient, equitable, and patient-centered. Investing in leadership development for nurses is not just a strategic move for healthcare organizations but a necessary step towards a more effective and sustainable healthcare future.

The Need for Nurses in India: Skilling Gaps and Upskilling Opportunities

India faces a severe shortage of nurses, which impacts the quality of healthcare services. The nurse-to-patient ratio in India is much lower than the recommended standards, leading to overworked nurses and suboptimal patient care. The country has only 0.613 nurses and midwives per 1000 population, far below the required standards. Government hospitals in India have very low nurse-to-patient ratios, contributing to the low quality of care. High workloads and inadequate staffing lead to nurse burnout and stress, affecting job satisfaction and care quality.

Financial barriers also play a significant role, with limited financial support for advanced education and training hampering professional development. Additionally, many Indian nurses migrate for better opportunities, leading to a brain drain but also offering global experience and skills development. Stronger regulatory frameworks are needed to standardize nursing education and practice, ensuring consistent quality of care.

Key Issues and Recommendations for Nursing in India

A study titled "Nursing Policies, Reforms, and Governance Structures: Analysis Across Five States in India" conducted across Bihar, Chhattisgarh, Kerala, Rajasthan, and West Bengal, highlights several key issues and recommendations that can be generalized to the entire country.

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State Nursing Regulation Acts: All states have framed a State Nursing Regulation Act, but the level of implementation varies. Common issues include limited authority to regulate, weak nursing leadership, chronic understaffing, inadequate working space, lack of inspectors, and external interference in regulatory functions. Strengthening these acts and ensuring uniform implementation across all states can improve regulatory oversight and enhance the nursing profession's credibility and effectiveness.

Governance Structures: States like Kerala and West Bengal have made significant progress by establishing dedicated governing bodies, State Nodal Centres (SNC) for in-service training, and formulating need-based training strategies. These models can be replicated nationwide to ensure consistent governance and continuous professional development for nurses.

Pre-service Education: There is a significant variation in the structure and quality of nursing education across states. The proliferation of private nursing training institutes poses challenges in maintaining standardized quality. Ensuring that both government and private institutions meet high standards of education and clinical exposure is crucial for producing competent nursing professionals.

Workforce Management: There are significant variations in nurse density across states. States like Kerala and West Bengal have higher densities, while states like Bihar and Uttar Pradesh lag behind. A balanced distribution of nursing resources and targeted recruitment in underserved areas can help address these disparities.

Challenges in Recruitment: Irregular recruitment procedures, international migration of nursing personnel, and low salaries in the public sector compared to the private sector are prevalent issues. Establishing standardized recruitment processes, providing competitive salaries, and creating attractive career paths can help retain talent within the country.

Career Progression: There is a need for standardized procedural guidelines, job descriptions, and performance management systems to attract, motivate, and retain nursing staff, especially in rural and remote areas. Implementing clear career progression pathways and performance-based incentives can enhance job satisfaction and retention.

Skilling Gaps and Initiatives

The primary gaps in the nursing profession in India include inadequate training, lack of practical exposure, and insufficient specialization opportunities. Newly graduated nurses often lack the skills required to be immediately employable in healthcare settings. Regular assessments and specialized courses are necessary to bridge this gap.

- **Training Deficiencies:** New graduates often lack practical skills, making them immediately unemployable in healthcare settings.
- **Need for Specialized Training:** There is a significant gap between nursing education and practical requirements, necessitating regular assessments and specialized courses. Specialized training includes data privacy and protection, digital entry and use of EHR for healthcare operations, elderly care, and home care.

To address these gaps, structured training programs and continuous professional development are essential. Recommendations include the introduction of Continuing Nursing Education (CNE) courses in digital formats, the establishment of Centres of Excellence (CoEs) for advanced training, and regular skill assessments and specialized courses for career progression.

AI and the Future of the Nursing Profession

AI technologies such as telemedicine, robotics, and data analytics can assist with patient monitoring, data management, and predictive analytics, enhancing efficiency and accuracy. AI allows nurses to focus more on patient care by handling routine tasks. However, significant investment is required for AI integration, and there are concerns about data privacy and the displacement of human jobs.

Recommendations

To build a sustainable future for nursing in India, a multifaceted approach is essential. Proactive State Nursing Councils (SNCs) must actively regulate nursing education and practice standards while fostering collaborative leadership with other health governing bodies. Competency-based recruitment and transparent career progression should be implemented to maintain a motivated and skilled workforce. Standardizing quality education and continuous professional development across states is crucial, along with developing integrated training programs that provide comprehensive skill-building. Addressing the nurse shortage through initiatives like Skill India Mission 2.0 and revising curricula to include mandatory continuing education will ensure nurses are equipped with up-to-date skills. Bridging the skill gap requires practical training partnerships and specialized short courses. Improving working conditions by managing workloads and creating a supportive environment can reduce burnout and enhance job satisfaction. Leveraging technology through digital tool training and online learning platforms will enhance accessibility and convenience. Clear career pathways and leadership training should be provided to support professional growth. Strengthening the regulatory framework with standardized guidelines, regular audits, and accreditation is vital. Facilitating international collaboration and recognition of Indian

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nursing qualifications will offer global opportunities. Advocacy and public awareness campaigns, along with strengthening nursing associations, can drive policy changes and improve working conditions.

Conclusion

Building a sustainable future for nursing in India requires a multifaceted approach that includes immediate incremental changes and long-term strategies. By expanding training programs, enhancing education, improving working conditions, leveraging technology, and strengthening regulatory frameworks, India can build a robust nursing workforce capable of meeting the healthcare demands of its population. Collaboration among government bodies, educational institutions, healthcare providers, and international partners will be key to driving these changes effectively.

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ACADEMIC PROGRAM

VISIT TO BANGALORE BAPTIST HOSPITAL

As part of their coursework, IIHMR Bangalore first year students accompanied by a faculty visited Bangalore Baptist hospital to gain insight into healthcare administration and operations. The visit aimed to bridge the gap between theoretical knowledge and practical application in a real-world setting. The students were greeted by the hospital's Human Resources Executive, who provided an overview of their hospital's structure and services. This included a discussion of various departments, from emergency services to outpatient care, highlighting the complexity of healthcare delivery.

The students toured the hospital and were impressed by some of their initiatives towards the community like Mercy Drops (providing mobility equipment's), Janapriya Clinic (low cost OPD), Aasare (prosthesis care) and many more. Students actively asked their doubts and learnt the need to develop Corporate Social Responsibility. This experience not only enhanced their understanding of healthcare management but also underscored the critical role that administrative practices play in improving patient outcomes and operational efficiency.

NUTRITION WEEK CELEBRATION

Nutrition Week celebration in IIHMR Bangalore was a vibrant and engaging event focused on promoting healthy eating habits and raising awareness about nutrition. There were activities like Poster Presentation Competition on Balanced Diet, Breastfeeding week's Reels Competition Assessment, and a variety of food stalls installed by students featuring various nutritious options.

In Reels Competition Assessment, participants created short videos to create awareness about the importance of breastfeeding. In Balanced Diet poster presentation competition participants showcased their creativity and knowledge by designing informative balanced diet posters. It highlighted various essential foods need to be included in one's diet, foods need to be avoided, portion sizes, and health benefits. Judges evaluated based on creativity, accuracy, and presentation. Winners received prizes, while all participants gained valuable insights into nutritional balance.

The energy was high as students approached an array of food stalls offering nutritious snacks and meals. The food stalls were setup by students, showcased healthy options like ragi balls, salad, channa chat, custards. Students had the chance to sample delicious, balanced foods while learning about their nutritional benefits.

Over all the Nutrition Week celebration successfully spread the message of nutrition and well-being.

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GUEST LECTURE ON HEALTHCARE FINANCING

IIHMR Bangalore students had a great opportunity of learning Healthcare Financing by an expert in the field Mr Tushar Mokashi, Assistant Director, Health Systems at Access Health International, Delhi. He was welcomed by students and faculties with a warm welcome speech by one of the students.

Students learnt about revenue raising, pooling and purchasing. They also learnt various stakeholders involved and efficient and effective allocation of healthcare resources to reduce out of pocket spending. Students got introduced to various financing models. In this session Mr Tushar shed some light on Out-of-Pocket Spending and how healthcare financing is essential for ensuring availability, accessibility and quality of healthcare system.

Lastly a vote of thanks was given by one of the students with highlighting some of the key learnings by the session.

GUEST LECTURE ON HEALTH ECONOMICS: INSIGHTS FROM A SEASONED EXPERT

IIHMR Bangalore had hosted a captivating guest lecture by Dr. Kavitha, a distinguished professor from Presidency College with over 20 years of experience in economics. Dr. Kavitha, who holds a PhD in economics, shared her insights on the critical intersection of healthcare systems and economics.

The session started with some basics like what is economics? Later the lecture, addressed the reasons of high healthcare prices, nature of the demand for healthcare services. Dr. Kavitha emphasized the importance of economic analysis in crafting effective health policies that not only improve efficiency but also enhance patient care.

Students and faculty were engaged throughout her session. She gave the students some knowledge on total cost, marginal cost, relationship between demand and price for a product. Students learnt about market equilibrium. She highlighted that healthcare deals with both product and service.

The event concluded with a lively Q&A session. Dr. Kavitha's knowledge and experience provided invaluable perspectives, encouraging future managers to consider the vital role of economics in healthcare.

ALUMNI SPEAK

Dr. Sumeet Pardeshi
Senior Project Lead
HCL Tech

Dr. Sumeet Pardeshi, with over 10 years of experience in the US healthcare provider and payer domain, has developed key principles throughout his career. Currently serving as a Senior Project Lead at HCLTech, he has faced numerous challenges and gained valuable insights into project management, leadership, and industry evolution.

He emphasizes the importance of staying calm, maintaining a positive outlook, and practicing patience as essential components for managing stress. Trusting the process and believing in oneself are central to his approach. In high-pressure environments, especially within healthcare projects, he advocates for remaining composed, which leads to better decision-making and more successful outcomes.

In his role as a manager, Dr. Sumeet Pardeshi highlights the necessity of being strong, confident, and a source of motivation for his team. He views a good manager not only as a leader but also as a guide who helps the team navigate challenges and stay on track. Team bonding is crucial to success, and he believes that fostering trust and collaboration within the group allows innovation and productivity to flourish.

One of the key challenges Dr. Sumeet Pardeshi has faced is the difficulty of finding a good mentor. This experience has driven him to focus on self-improvement and continuous learning. He believes that being a good listener and learning from others is one of the most valuable ways to grow professionally. He sees these qualities as critical for long-term career development.

As the healthcare industry evolves, particularly with the increasing use of AI and other technologies, Dr. Sumeet Pardeshi encourages professionals to become techno-functional, blending technical expertise with functional knowledge to remain relevant. He stresses the importance of self-analysis to understand one's

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CULTURAL EVENTS

CELEBRATING 78 YEARS OF INDIA'S INDEPENDENCE DAY

On the 15th of August 2024, the spirit of patriotism was palpable as the institution came together to celebrate the 78th anniversary of India's independence. Students and faculty adorned themselves in traditional attire, representing the vibrant colors of the national flag – orange, white, green, and blue. The day commenced with the hoisting of the Tiranga, proudly raised by the Director, Dr. Usha Manjunath. Her address that followed was filled with nostalgia, as she fondly recalled her childhood excitement for Independence Day, and spoke passionately about the values the day represents. Sweets were distributed to mark the auspicious occasion, adding sweetness to the already joyous atmosphere.

The celebration continued with much anticipation for the cultural events organized by the Cultural Committee. Dr. Usha Manjunath, who graced the event as the chief guest, witnessed the vibrant performances. Dr. Ankita Chakraborty and Prajaktha Madhavi served as the hosts for the day, steering the program with energy and enthusiasm. The program opened with a spirited speech by Ms. Ashwathi Daniel, setting the tone for the day, followed by a graceful and traditional dance performance by Ms. Samyuktha. Dr. Anagha's soul-stirring rendition of a patriotic song filled the air with emotion.

ALUMNI SPEAK

strengths and maintain a clear career path. His practical advice for those entering the field is to recognize that formal education often differs from real-world application. He emphasizes the need to gain practical experience and work on skill sets that will be beneficial in the workplace, believing that true growth comes from hands-on exposure and developing abilities aligned with industry demands.

Dr. Sumeet Pardeshi's journey is marked by perseverance, self-reflection, and continuous learning. His advice to aspiring professionals is clear: focus on building practical skills, remain adaptable, and stay committed to learning. His insights into managing stress, leading teams, and navigating industry changes offer valuable guidance for anyone aiming to build a successful career in healthcare.

The highlight of the day was a poster presentation competition centered on the theme "Viksit Bharat," this year's national theme for Independence Day. Students actively engaged in the competition, presenting their posters before an audience, each explaining their vision of a progressive and developed India. The competition was judged by Dr. Deepashree and Dr. Gyan Chandra Kashyap, who were impressed by the creativity and thoughtfulness of the participants.

Adding to the cultural festivities, first-year students presented a powerful and emotionally charged skit on "Women's Empowerment in India," leaving the audience both moved and inspired. The event culminated in a prize distribution ceremony, where anticipation filled the room. The first prize for the poster competition was proudly awarded to Navya S. Rajam and T. Ruchitha from the first year, with second place going to Dr. Bhoomika Poojashree and Dr. J.N. Sai Tejaswini, also of the first year. Dr. Arshiya from the second year secured third place. Participants in the dance, singing, and skit performances were also recognized with certificates of appreciation.

The day drew to a close with a heartfelt vote of thanks delivered by Dr. Pankaj Rahi, followed by high tea, where faculty, staff, and students gathered to enjoy the camaraderie of the occasion. As the celebrations ended, everyone departed with hearts brimming with pride, unity, and an enduring love for the nation.

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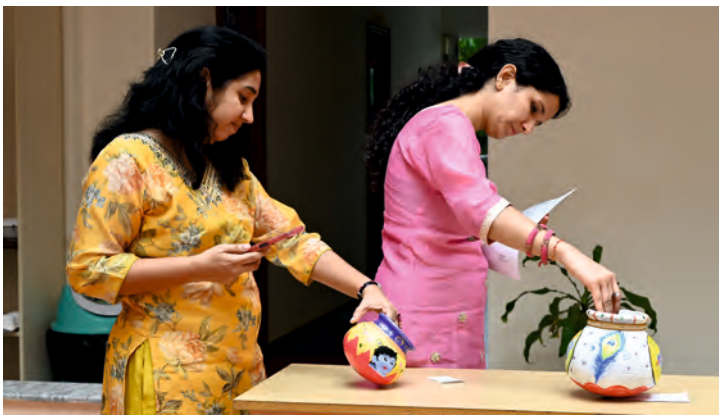
CELEBRATION OF KRISHNA JANMASHTAMI

As Lord Krishna said in the Bhagavad Gita, *"Whatever happened, happened for the good. Whatever is happening, is happening for the good. Whatever will happen, will also happen for the good." These words filled the minds and hearts of all, reminding everyone to embrace life's journey with faith and devotion, as IIHMR Bangalore came alive with devotion and festivity as the institution celebrated Krishna Janmashtami, the sacred festival observed on the Ashtami of Krishna Paksha according to the Hindu calendar. The day was filled with vibrant colors, traditional attire, and a deeply spiritual atmosphere.

The celebrations began in the morning with a pot painting competition, where students beautifully showcased their artistic talents. Dr. Deepashree and Dr. Jyoti Vijay judged the competition, appreciating the creativity and devotion expressed through the students' work.

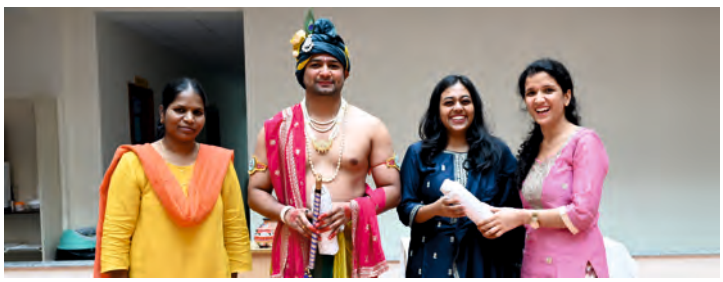


In the afternoon, the much-anticipated cultural events commenced, hosted with grace by Dr. Anagha and Samyuktha. The gathering was warmly welcomed by Dr. Vaidehi Pathak with a speech that set the tone for the joyous occasion. This was followed by a graceful and elegant traditional dance performance by Kshama from the 2023-25 batch, capturing the spirit of Lord Krishna's divine play.

The event then moved to a lively ramp walk and fancy-dress competition, where students dressed as Lord Krishna and Radha, captivating the audience with their beautiful and playful depictions. An energetic dance performance by the 2024-26 batch had everyone tapping their feet, further enlivening the festive spirit.

The highlight of the day was the thrilling **Dahi Handi** competition, a time-honored tradition that symbolizes the playful and mischievous nature of Lord Krishna. Students enthusiastically participated in forming human pyramids, striving to break the Handi, much to the joy and excitement of the audience. With determination and teamwork, the Handi was successfully broken, filling the crowd with exhilaration.

As the celebrations drew to a close, a prize distribution ceremony was held, with Dr. Sarala, Dr. Jyoti Vijay, and Dr. Amita presenting the awards. In the pot painting competition, Sheetal and Ellakiya from the 2024-26 batch secured first place, while Dr. Kavya S and Renita Jyothi Monis from the 2023-24 batch won second place. In the fancy dress competition, Ayesha and Ramya from the 2023-24 batch earned second place. Naveen and Jeno from the 2024-26 batch clinched first place in the Dahi Handi competition.



The day of devotion and celebration ended on a high note with everyone gathering for high tea, their hearts full of joy and reverence for Lord Krishna.

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STUDENT COLUMN

CLEANLINESS, HYGIENE AND INFECTION CONTROL - THE KAYAKALP WAY

Kayakalp, a transformative national initiative launched by the Ministry of Health and Family Welfare under the National Health Mission in 2015, has significantly enhanced cleanliness, hygiene, and infection control practices across over 30,000 Indian public healthcare facilities, including district hospitals, Community Health Centers (CHCs) and Primary Health Centers (PHCs), with its impact particularly evident in Karnataka where its implementation in district and taluk hospitals has notably improved service quality, reduced infection rates, and fostered a culture of continuous improvement through regular assessments and peer reviews; this comprehensive approach has not only addressed the escalating threat of hospital-acquired infections but also elevated operational standards, improved patient satisfaction, and cultivated a competitive spirit among healthcare institutions, ultimately benefiting patients and healthcare workers alike through enhanced healthcare delivery and solidifying Kayakalp's significance in India's evolving healthcare landscape.

IGICH Overview: Situated in Bengaluru, the Indira Gandhi Institute of Child Health (IGICH) is a prominent government pediatric hospital in Karnataka. With a 450-bed capacity, the hospital is committed to delivering high-quality pediatric healthcare services to children from diverse socio-economic backgrounds. Specializing in pediatric disciplines such as neonatology, cardiology, surgery, and neurology, IGICH offers comprehensive outpatient and inpatient services, including emergency care.

Scope of Work: In this aspect of Kayakalp assessment at IGICH, we focused on the parts of generating, formatting, and documenting all Standard Operating Procedures and policies needed during the evaluation. There was a close working relationship with the quality team at the hospital, ensuring all documents conformed with the rigorous guidelines of Kayakalp. We also looked forward to giving the Quality Key Performance Indicators, a documented review because these were very crucial during the assessment process. It included documenting the KPI so that it would open the inquiry of suitable data representation that could interface with the Government of Karnataka's standards. We also performed a thorough review of existing documents, where we developed a one-synchronized format for all documentation, which assured regulatory conformity and bolstered the clarity of all reports.

Inference: Our assistance to IGICH for the Kayakalp assessment was instrumental in helping the hospital align its procedures with national standards. By creating comprehensive SOPs, accurately documenting KPIs, and identifying areas for improvement, we played a crucial role in preparing IGICH for evaluation. This collaboration not only enhanced the hospital's internal documentation but also ensured compliance with the Kayakalp guidelines. The combined efforts of our team, in conjunction with the hospital's quality team, are anticipated to yield a successful assessment outcome. These endeavors significantly contribute to reinforcing IGICH's standing as a leading institution in pediatric healthcare, while the advancements in hygiene and infection control will have enduring benefits for its pediatric patients and their families.

Authors are currently pursuing PGDM (2023-25), IIHMR Bangalore

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HEALTHCARE NEWS

Study finds new blood tests help improve cancer treatment

The University of Zurich has recently come up with a breakthrough technique for cancer diagnosis. It surpasses the traditional and invasive techniques of puncturing, tissue sampling and endoscopy. The process is called liquid biopsy and can be done with just a sample of blood. This technique has the potential for early diagnosis of cancer, including a detailed workup on how much it has spread or metastasised. Furthermore, it has the potential to infer the efficacy of treatment and re-emission of cancer.

Read more at : https://theprint.in/science/study-finds-how-new-blood-test-helps-improve-cancer-treatments/2157172/

COVID-19 pandemic linked to increased low birth weight incidence in India

A recent study conducted by Santosh Kumar and Clare Hill at the University of Notre Dame highlighted a major issue that was witnessed in the COVID-19 era. The incidence of low birth weight rose in India. 1 out of 4 children in India had low birth weight, typically seen in low and middle-income families. This was attributed to the stress related to social distancing, economic upheaval, disruption of maternal and neonatal care and the disease itself.

Read more at : https://www.news-medical.net/news/20240702/COVID-19-pandemic-linked-to-increased-low-birth-weight-incidence-in-India.aspx

IIL signs MoA with ICMR for clinical development of Zika vaccine

Physical therapy has a great impact on the recovery of patients who have undergone brain tumour surgeries. However, new studies have indicated that robotic-assisted devices, neurostimulation, and Virtual Reality (VR) have a greater impact on the recovery of these patients. It can show results within 3 months further reducing the risk of injuries.

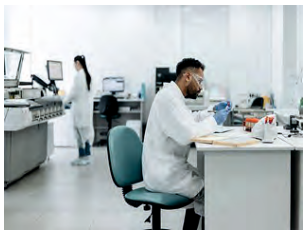
Read more at : https://health.economictimes.indiatimes.com/news/industry/improved-rehabilitation-techniques-post-brain-tumour-surgeries-for-better-quality-of-life/111486868#:~:text=4%20min%20read,Improved%20Rehabilitation%20T echniques%20Post%20Brain%20Tumour%20Surgeries%20for%20Better%20Quality,feedback%20on%20the%20patient's%20progress.

IIL signs MoA with ICMR for clinical development of Zika vaccine

Indian Immunological Limited (IIL) has signed an MoA with ICMR for the clinical development of the first codon de-optimized live-attenuated Zika vaccine. IIL partnered with Griffith University, Australia to develop this vaccine. It has completed its pre-clinical evaluation and has gotten permission and funding for clinical trial.

Read more at : https://indiamedtoday.com/iil-signs-moa-with-icmr-for-clinical-development-of-zika-vaccine/

Study finds new source of cardiac inflammation



recent study conducted at the University of California San Diego, brought to light a mechanism that led to the progression of MI into heart inflammation and failure. A major role of border zone IFN signalling was seen. The report suggested that if type 1 IFA signalling could be avoided then there could be an expected delaying of heart inflammation as well as failure.

Read more at: https://theprint.in/science/study-finds-new-source-of-cardiac-inflammation/2245618/

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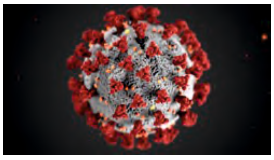
Lancet study estimates Indians to be deficient in iron, calcium, folate

Studies have estimated that the majority of women in South-Asian, Southeast Asian and sub-Saharan African countries are consuming less iron, vitamin B12 and iodine. On the contrary, men are deficient in magnesium, zinc, vitamin B6 and vitamin C.

Read more at : https://health.economictimes.indiatimes.com/news/industry/lancet-study-estimates-indians-to-be-deficient-in-iron-calcium-folate/112910005?action=profile_completion&utm_source=Mailer&utm_medium=newsletter&utm_campaign=ethealth_news_2024-08-30&dt=2024-08-30&em=dmVua2F0ZX_NoZ3Zlbmtp OTg3QGdtYWlsLmNvbQ==

Spike protein changes found to help Coronavirus infect brain



A specific spike protein is now found on the surface of SARS-Cov-2 which is said to direct the virus into the brain before infecting the person with Covid-19 symptoms. This could cause long-term effects which could last for months. Therefore, the virus is able to affect the central nervous system and its cells causing symptoms like brain fog even after the infection has cleared. These findings can assist in research and treatment discovery for CNS-related complications.

Read more at : https://www.business-standard.com/health/spike-protein-changes-found-to-help-coronavirus-infect-brain-study-124082600338_1.html

Paracetamol, cetirizine among 156 combination drugs banned by the Indian government, several multivitamins under review

Several combination drugs have recently been banned by the Indian government as they can be dangerous to public health. It is a decision taken as a public health measure. Combinations like Mefenamic acid + Paracetamol and many others have been seen to cause adverse effects or are not therapeutically justified. 34 other multivitamin combinations are under further review.

Read more at : http://timesofindia.indiatimes.com/articleshow/112775041.cms?utm_source=contentofinterest &utm_medium=text&utm_campaign=cppst

Gujarat ranks first in health category in SDG India Index: state govt

As part of the 2030 agenda for sustainable development, UNO declared 16 sustainable development goals in 2015. Recently, in Niti Aayog's 2023-2024 report, a rank list of states was issued based on a follow-up of these goals. Gujarat ranks first for the second time in India's “Good health and good well-being” category.

Read more at : https://www.ptinews.com/story/national/gujarat-ranks-first-in-health-category-in-sdg-india-index-state-govt/1716825

India Pledges $85 Million to WHO Traditional Medicine Center

India has extended a hand to WHO towards supporting traditional medicine. India has shown support by pledging to donate 85$ million over a period of 10 years. This is part of a 250$ million project that will contribute to center's work, various operations, the building of interim premises and a new building. This will aid indigenous knowledge preservation and achieving universal health coverage.

Read more at : https://healthpolicy-watch.news/india-pledges-85-million-to-who-traditional-medicine-center/

Qure.ai Eyes Up To $60 Mn Funding To Push Its Radiology Diagnosis Play

Qure.ai, Mumbai-based startup in the medtech space is reportedly seeking to raise around $50-60 Mn in a funding exercise to be led by Lightspeed. The infusion will likely include a secondary deal, along with existing investors who will be putting in primary capital. Lightspeed is investing around $20-25 Mn and is looking to buy some in secondary shares too.

Read more at :https://inc42.com/buzz/qure-ai-eyes-up-to-60-mn-funding-to-push-its-radiology-diagnosis-play/

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How immunitoAI Is Changing The Rule Of Antibody Discovery With Its AI Stack

Founded by Aridni Shah and Trisha Chatterjee in 2020, the biotech startup is using artificial intelligence (AI) to expedite antibody discovery all while making the process cost effective. immunitoAI treads differently as compared to traditional antibody discovery companies that follow the standard operating procedures of injecting target proteins into animals to produce antibodies. Currently in the testing phase, immunitoAI secured $1 Mn in seed funding led by pi Ventures, with Entrepreneur First also participating.

Read more at : https://inc42.com/startups/how-immunito-ai-is-changing-the-rule-of-antibody-discovery-with-its-ai-stack/

How Affordability Financing Is Reshaping Access To Healthcare In India

Unlike consumer goods, where financing options like “no-cost EMIs” are easily available, healthcare financing has been left behind. With the rise of Buy Now, Pay Later (BNPL) services or affordability financing, a game-changing option has emerged to close this gap. In the future, BNPL will play a crucial role in healthcare financing, caused by the developments in embedded finance, legislative backing and technology breakthroughs.

Read more at : https://inc42.com/resources/how-affordability-financing-is-reshaping-access-to-healthcare-in-india/

How digital tech and AI are revolutionising primary health care in India

The integration of digital technologies and Artificial Intelligence (AI) is revolutionising India's public health landscape particularly primary health care. A key driver of this transformation lies in the seamless integration of cutting-edge digital technologies and AI in public health. From advanced image recognition to robust predictive analytics, AI empowers healthcare providers to make well-informed decisions.

Read more at : https://www.business-standard.com/health/how-digital-tech-and-ai-are-revolutionising-primary-health-care-in-india-124071100212_1.html

Medtronic invests $60m in 1st global IT centre outside US at Hyderabad

Medtech giant Medtronic can't seem to have enough of Hyderabad. After having invested around $500 million in setting up its Medtronic Engineering & Innovation Centre (MEIC) in Hyderabad since 2020, Medtronic is now pumping in another $ 60 million in setting up a new global IT centre (GIT) at Hyderabad.

Read more at : https://health.economictimes.indiatimes.com/news/medical-devices/medtronic-invests-60m-in-1st-global-it-centre-outside-us-at-hyderabad/111647353?utm_source=top_news&utm_medium=tagListing

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