



Overview about Salam Bulletin:

Al Salam bulletin is your one stop comprehensive newsletter, for all the latest healthcare content. Stay updated with latest healthcare related news, public health advice, narrative experiences, trainings and links to valid sources for further reading / fact-checking. Medical Development Center highlights Bulletin sources for you to keep abreast of the latest developments in COVID-19 and trends in the Healthcare industry.



HEALTH AWARENESS DAYS



World Breastfeeding Week : Aug 1st - Aug 7th 2021

familyapp.com

World Breastfeeding Week begins each year on the 1st August and runs right through until the 7th. It aims to highlight the huge benefits that breastfeeding can bring to both the health and welfare of babies, as well as a wider push for maternal health, focusing on good nutrition, poverty reduction and food security.

2021 theme: “Protect breastfeeding - a shared responsibility” is about how breastfeeding contributes to the survival, health and wellbeing of all.

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COVID - 19 CORONA VIRUS DISEASE 2019 UPDATE



Pfizer, Feds at Odds Over Third Dose

medpagetoday.com

Pfizer and its vaccine partner BioNTech will seek FDA authorization for a third dose of COVID-19 vaccine, citing positive data from an Israeli study; in response, the CDC and FDA issued a joint statement saying data do not yet support the need for a third dose.

Read more...



Delta Plus Variant of SARS-CoV-2: How Does it Compare With the Delta Variant?

medicalnewstoday.com

A novel SARS-CoV-2 variant, the delta plus variant, has been identified in over 10 countries. Health authorities are raising concerns that the variant may have an increased ability to transmit, but they also note that this variant's transmissibility is likely similar to that of the preexisting delta variant.

Read more...



DENTISTRY



Tooth Loss Associated with Greater Risk of Cognitive Decline and Dementia

medicalnewstoday.com

In a new meta-analysis, researchers have identified a connection between tooth loss and a risk of cognitive decline and dementia. The researchers found that the more teeth a person had lost, the greater their risk of developing dementia or cognitive decline.

Read more...



What to Know About Fluoride in Toothpaste?

medicalnewstoday.com

Fluoride is a naturally occurring mineral that people add to water, food, and other products. Many toothpastes contain fluoride as it has benefits for protecting tooth health. Too much fluoride can pose risks to health.

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 **INFECTION CONTROL****Infection Preventionist Team Kills Cause of Laundry Contamination**

infectioncontrolday.com

The COVID-19 pandemic underscored the need for infection preventionists to work closely with other departments in hospitals such as environmental services, operating rooms, vascular access, and sterile processing teams.

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**Chlorhexidine Gluconate-Incised Surgical Drapes Seem More Effective**

infectioncontrolday.com

Plastic, adhesive incise drapes were introduced over 50 years ago as a way of cutting down on surgical site infections (SSIs), but in the last decade or so their efficacy in this regard has been questioned.

Read more...

 **PHARMACY****What to Know About Drug Interactions?**

medicalnewstoday.com

A drug interaction happens when a substance affects how a drug behaves in the body. Some substances that can cause interactions include other drugs, supplements, food, and alcohol. Drug interaction can make a drug less effective.

Read more...

**Recognizing the Signs of an Opioid Overdose and What to do?**

medicalnewstoday.com

Opioid overdose can occur due to a person taking too high a dose, mixing opioids with other substances, or taking opioids that a doctor prescribed for someone else. An opioid overdose requires immediate medical attention as it can be fatal.

Read more...

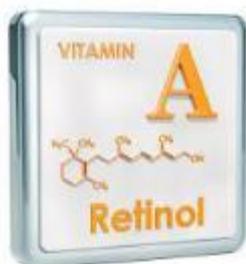


Non-Steroidal Immunosuppressants for Atopic Dermatitis may not Impact Dupilumab Treatment

dermatologytimes.com

Findings from an analysis of 4 phase 3 trials on dupilumab for atopic dermatitis indicated that biologic efficacy is comparable between patients who have and have not had prior exposure to systemic non-steroidal immunosuppressants.

[Read more...](#)



What is Retinol and How can a Person Use it?

medicalnewstoday.com

Retinol is a form of vitamin A. Some people refer to it as vitamin A1. In recent years, retinol has gained popularity in the skin care market, due to its support of graceful aging and its beneficial effects on acne and skin tone.

[Read more...](#)



Posttraumatic Stress Disorder in Nurses Caring for Patients with COVID-19

journals.lww.com

Little is known about the psychological impact of trauma from pandemics such as the Covid – 19 pandemic. This article explores a descriptive study on the impact of Covid – 19 and the prevalence of posttraumatic stress disorder among RNs caring for patients with Covid – 19.

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Using Nurse-led Patient Monitoring to Avoid Medicines Related Harm

journals.rcni.com

Effective medicines optimization involves the use of medicines to control disease while ensuring that adverse effects are kept to a minimum. However, medicines-related harm and symptom mismanagement represent significant risks to patients.

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NUTRITION



Fried Foods, Sugary Drinks Linked to Sudden Cardiac Death

medicalnewstoday.com

Researchers found that people who followed the Mediterranean diet did not have coronary heart disease and had a lower risk of sudden cardiac death. People who primarily ate a traditional Southern diet, involving more fried food and sugary drinks, were more at risk of sudden cardiac death.

[Read more...](#)



Health Benefits of Mandarin Oranges

medicalnewstoday.com

Mandarin oranges are citrus fruits that have health benefits due to their vitamin C content. One mandarin provides about a third of a person's daily requirement of vitamin C and is an easy way to consume this essential nutrient.

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ORTHOPEDIC



Effective Treatments for Hand Osteoarthritis

medpagetoday.com

Hand Osteoarthritis is a common ailment characterized by pain and limitations in function and grip strength. Hydroxychloroquine was not effective for inflammatory erosive osteoarthritis of the hands, a multicenter randomized study confirmed.

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A Guide to Fat Embolism Syndrome

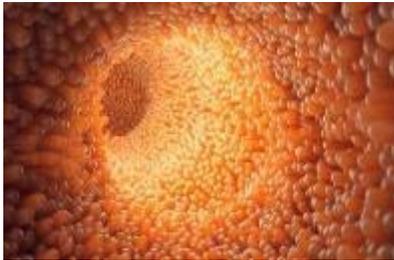
medicalnewstoday.com

Fat Embolism Syndrome is more common in people who have sustained a long bone fracture involving the thighbone, shinbone, calf bone, or pelvis. Fat embolisms are very common following long bone trauma.

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GASTROENTEROLOGY

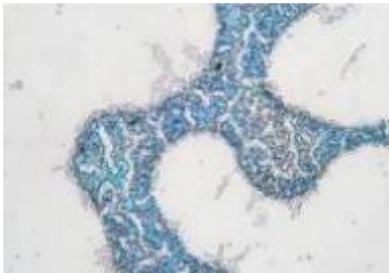


Novel Oral Therapy Shows Promise in Celiac Disease

medpagetoday.com

ZED1227, a potential therapeutic transglutaminase 2 inhibitor, reduced mucosal damage from gluten in celiac disease patients, a randomized proof-of-concept trial found. Reduction of mucosal damage was the first end point.

[Read more...](#)



Probiotic ‘Yeast Robots’ may One Day Treat IBD

medicalnewstoday.com

The community of bacteria living inside the human gut plays a role in many human health conditions, including inflammatory bowel disease (IBD). Researchers have developed a multifunctional “designer” probiotic to treat various facets of IBD.

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OPHTHALMOLOGY



ADHD and the Eyes: What is the Link?

medicalnewstoday.com

Some eye conditions are more common in people with attention deficit hyperactivity disorder (ADHD). These include refractive errors, such as astigmatism, and convergence insufficiency, which makes it difficult for the eyes to remain aligned when looking at nearby objects.

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Smartphone use Associated with Refractive Error in Teenagers

pubmed.gov

A smartphone application (Myopia app) was designed to objectively measure smartphone use and face to screen distance, and to pose questions about outdoor exposure at regular intervals. Participants underwent cycloplegic refractive error and ocular biometry measurements.

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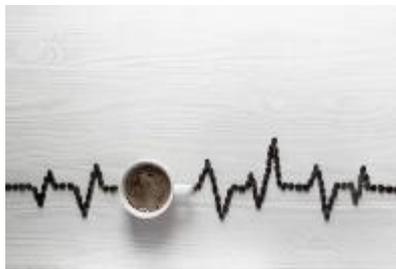


Multivessel PCI Guided by FFR or Angiography for Myocardial Infarction

nejm.org

In patients with ST-elevation MI who have multivessel disease, PCI for nonculprit lesions is superior to treatment of the culprit lesion alone. However, complete revascularization guided by fractional flow reserve is superior to an angiography-guided procedure is unclear.

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No Link Between Coffee Consumption & Cardiac Arrhythmia

news-medical.net

Coffee has a reputation for causing or exacerbating arrhythmias, said senior author Gregory. But we found no evidence that caffeine consumption leads to a greater risk of arrhythmias, said Marcus, who specializes in the treatment of arrhythmias.

[Read more...](#)



What to Know About Seizures in Children?

medicalnewstoday.com

Seizures have many causes, and are either generalized or focal. Within these categories, there are several types that may affect children. About 1 in 10 people trusted Source will have a seizure at some point during their life. Seizure disorders can begin in childhood.

[Read more...](#)

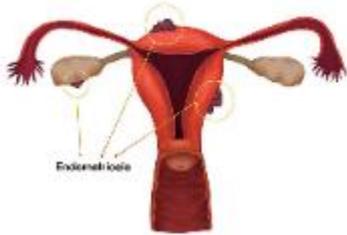


Plastic Drapes Reduce Hypothermia in Premature Babies

sciencedaily.com

The use of the plastic drape is a quality improvement to reduce the hypothermia rate in very low birth-weight neonates by replacing cloth blanket/ towels with a plastic drape during PICC placement.

[Read more...](#)



A Common Treatment for Endometriosis Could Actually be Making Things Worse

theguardian.com

It has long been believed that the best way to treat endometriosis, a chronic inflammatory condition that affects one in 10 women globally, is by performing laparoscopic surgery to remove damaged tissue from the body.

Read more...



Air Pollution During Pregnancy may Affect Growth of Newborn Babies

medicalxpress.com

Maternal exposure to air pollution during pregnancy has often been linked to adverse effects on the health of the newborn. However, there are very few studies on the subject.

Read more...



Human Resource Management in Healthcare

shs-conferences.org

Contemporary healthcare systems face several challenges. The main management challenges include shortage and low satisfaction of health professionals. Satisfaction and motivation of medical staff is crucial for quality work-medical performance.

Read more...



An Analysis of the Effects of Human Resources Management on Healthcare Innovation in Hospital

amrsjournals.com

In many health care systems around the world, increasing attention is focused on Human Resource Management. HRM is currently manifested as a key element of successful innovation because the human element is involved in the entire innovation process.

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PHYSIOTHERAPY



Physical Rehabilitation for Older Patients Hospitalized for Heart Failure

nejm.org

Older patients who are hospitalized for acute decompensated heart failure have high rates of physical frailty, poor quality of life, delayed recovery, and frequent rehospitalizations. Interventions to address physical frailty in this population are not well established.

[Read more...](#)



Neuromuscular Electrostimulation Effects on Hand Motor Recovery in Older Stroke Patients

newsmedical.net

A randomized clinical trial was conducted by comparing the effects of two neuromuscular electrostimulation protocols with different frequencies on the motor impairment of the hand in older patients after a stroke.

[Read more...](#)

LABORATORY

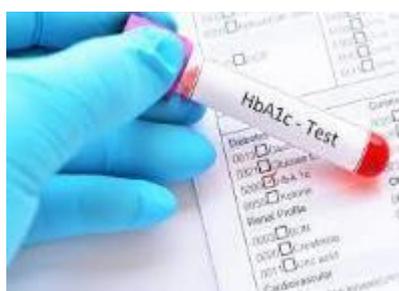


Radioactive Patient Samples in the Lab

aacc.org

Major medical centers and cancer centers use radiopharmaceuticals routinely for both diagnosis and treatment. Ideally, patients receiving radiopharmaceuticals should have specimens drawn for laboratory testing prior to administration, but not always possible.

[Read more...](#)



HbA1c Access and Opportunity During the COVID 19 Pandemic

aacc.org

Getting the right test to the right patient at the right time is a common goal for medical and laboratory professionals working on laboratory stewardship. This mantra translates into ensuring that laboratory resources are optimized for patient-centered care.

[Read more...](#)



A Systematic Review and Meta-analysis of the Medical Error Rate in Iran

journals.lww.com

Medical errors are one of the main factors affecting the quality of hospital services and reducing patient safety in health care systems, especially in developing countries.

[Read more...](#)



Workplace Health and Safety

webmd.com

In busy workplaces like warehouses, factories, construction sites, and hospitals, employees can be put at risk for injury or illness just by doing their jobs.

[Read more...](#)



MISCELLANEOUS

Video

Topic: Newborn Care with Covid- 19 Positive Mother

To watch [CLICK HERE](#).

Puzzle

Topic: Image Challenge

Look at the image and guess the diagnosis.

To solve the puzzle click the link below,

[Image Challenge | NEJM](#)



LIVE WEBINAR

Continuing Education

Topic – Understanding AMR in water

Date – 24.08.2021

Click here to do registration,

[Webinar | AMR in a Changed World: Understanding AMR in Water \(rescueagency.com\)](#)



Wearing a mask that fits tightly to your face can help limit spread of the virus that causes COVID-19

In lab tests with dummies, exposure to potentially infectious aerosols decreased by **about 95%** when they both wore tightly fitted masks

Other effective options to improve fit include:



Cloth mask over medical procedure mask



Medical procedure mask with knotted ear loops and tucked-in sides



Mask fitter



Nylon covering over mask

CDC.GOV

bit.ly/MMWR21021

MMWR

Prepared By Medical Development Center