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Journal of Health Education Research & Development

Joint Event on

Healthcare IT, Hematology & Cardiology

November 25-26, 2019 | Paris, France



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Scientific Program

Healthcare IT, Hematology and Cardiology 2019

Day 01 November 25, 2019

09:00 -9:30 Registrations

Hall Name @ Andromede

9:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:45

Title: Using mobile health (mHealth) technology to improve acute and chronic pain: where are we now and where are we going?

Robert N Jamison, Harvard Medical School, USA

Group Photo & Refreshments Break 10:45 - 11:00 @ Meeting room

11:00-11:45

Title: Quality improvement project on optimizing hydroxycarbamide prescriptions in paediatric sickle cell disease

Kagalwala F, The Lister Hospital-East and North Hertfordshire NHS Trust, UK

Sessions: Blood Transfusion | Cardiovascular Diseases | Remote Patient Monitoring | e-Health | Heart Failure | Haematology and Pharma Industry

Session Chair: Kagalwala F, The Lister Hospital-East and North Hertfordshire NHS Trust, UK

Session Introduction

11:45- 12:15

Title: An audit of compliance with the British Society for Haematology (BSH) guideline on red cell transfusion in sickle cell disease (SCD)-Part II: Indications for transfusion

Gihan Nabil Mahmoud, Prince Sultan Oncology Center, Saudi Arabia

12:15-12:45

Title: Artificial intelligence and telerehabilitation of patients with injuries of the lower extremities

Andriy Hospodarskyy, Ternopil Medical University, Ukraine

Lunch 12:45-13:45 @ Restaurant Door's

13:45-14:15

Title: Malondialdehyde modified human serum albumin and induced pro-inflammatory T-cell activation in atheroscleortic palques

Mizanur Rahman, Karolinska Institute, Sweden

14:15-14:45

Title: Report of wasted blood products at blood transfusion centre, Faculty of Medicine, Khon Kaen University, Thailand

Uthenas Larseang, Khon Kaen University, Thailand

14:45-15:15

Title: Pepitometro: Virtual page to combat childhood obesity and overweight

Donovan Casas Patino, Autonomous University of the State of Mexico, Mexico

15:15-15:45	**Title: Rehabilitation of patients with injuries of the elbow joint of the upper extremities by telemedicine and artificial intelligence technology** **Andriy Tsvyakh,** Ternopil Medical University, Ukraine
Networking & Refreshments Break 15:45-16:00 @ Meeting room	
Poster Presentations 16:00-16:15 @ Foyer	
P1	**Title: An unusual case of non-resolving cellulits with underlying deep venous thrombosis** **Saad Bin Zafar Mahmood,** Aga Khan University Hospital, Pakistan
P2	**Title: Artificial intelligence clustering for finding indirect drug competitions based on RxNorm Terminology** **Nima Latifsoltojar,** Zist Orchid Pharmed Company, Iran
Sessions: Case reports and Epidemiology of Hematology & Hem-Oncology | Health IT Policy and Marketing | Artificial Intelligence	
E-Poster Presentation	
E - P1	**Title: Haematological and histopathological indices of stinging catfish, *Heteropneustes fossilis* as an indicator of integrated biomarker response (IBR) of fertilizer industry effluent** **Upma Singh,** University of Allahabad, India
E - P2	**Title: Ruptured dilated right coronary sinus of valsalva with ventricular septal defect** **Ma Nina P Castillo,** Ilocos Training and Medical Center, Philippines
Awards & Closing Ceremony	
Day 02 November 26, 2019	
Networking and Lunch @ Restaurant Door's 12:30-14:00	

List of Open Access Journals

Agri, Food & Aqua

Advances in Crop Science and Technology	2329-8863
Advances in Dairy Research	2329-888X
Agrotechnology	2168-9881
Aquaculture Research & Development	2155-9546
Arabidopsis C. Elegans and Zebrafish	-
Biofertilizers & Biopesticides	2155-6202
Crop Research	2454-1761
Experimental Food Chemistry	-
Fisheries & Livestock Production	2332-2608
Fisheries and Aquaculture Journal	2150-3508
Fisheriessciences	1307-234X
Food & Industrial Microbiology	-
Food & Nutritional Disorders	2324-9323
Food Processing & Technology	2157-7110
Food: Microbiology, Safety & Hygiene	-
Forest Research	2168-9776
Horticulture	2376-0354
International Biodiversity, Bioprospecting and Development	2376-0214
Marine Science: Research & Development	2155-9910
Medicinal & Aromatic Plants	2167-0412
Nutrition & Food Sciences	2155-9600
Plant Pathology & Microbiology	2157-7471
Poultry, Fisheries & Wildlife Sciences	2375-446X
Probiotics & Health	2329-8901
Research & Reviews: Journal of Agriculture and Allied Sciences	2347-226X
Research & Reviews: Journal of Food and Dairy Technology	2321-6204
Rice Research	2375-4338
Traditional Medicine and Clinical Naturopathy (Homeopathy & Ayurvedic Medicine-2167-1206)	-

Business & Management

Accounting & Marketing	2168-9601
Arabian Journal of Business and Management Review	2223-5833
Business & Financial Affairs	2167-0234
Business & Hotel Management	2324-9129
Business and Economics Journal	2151-6219
Defense Studies & Resource Management	2324-9314
Entrepreneurship & Organization Management	2169-026X
Global Economics	2375-4389
Hotel & Business Management	2169-0286
International Journal of Accounting Research	-
International Journal of Economics and Management Science	2162-6359
Internet Banking & Commerce	1204-5357
Review of Public Administration and Management	2315-7844
Stock & Forex Trading	2168-9458
Tourism & Hospitality	2167-0269

Chemical Engineering

Advanced Chemical Engineering	2090-4568
Bioprocessing & Biotechniques	2155-9821
Chemical Engineering & Process Technology	2157-7048
Thermodynamics & Catalysis	2157-7544

Chemistry

Analytical & Bioanalytical Techniques	2155-9872
Analytical & Electrochemical Insights	-
Bioenergetics: Open Access	2167-7662
Chemical Informatics	-
Chemical Sciences Journal	2150-3494
Chromatography & Separation Techniques	2157-7064
Clinical & Medical Biochemistry: Open Access	-
Clinical Chemistry: Open Access	-
Environmental & Analytical Toxicology	2161-0525
Environmental Analytical Chemistry	-
Glycobiology	2168-958X
Herbal Medicine: Open Access	-
Immuno Chemistry: Open Access	-
Industrial Chemistry: Open Access	-
International Journal of Applied Biology and Pharmaceutical Technology	0976-4550
International Journal of Drug Development & Research	0975-9344
Mass Spectrometry: Open Access	-
Medicinal Chemistry	2161-0444
Modern Chemistry & Applications	2329-6798
Natural Products Chemistry & Research Journal	2329-6836
Neuro Chemistry: Open Access	-
Organic & Inorganic Chemistry	-
Organic Chemistry: Current Research	2161-0401
Pharmaceutical Analytical Chemistry: Open Access	-
Physical Chemistry & Biophysics	2161-0398
RROIJ: Medicinal Chemistry	-
Structural Chemsitry & Crystallography Communication	-
Trends in Green Chemistry	-
Vitamins & Minerals	2376-1318

Clinical

Ageing Science	2329-8847
Ancient Diseases & Preventive Remedies	2329-8731
Anesthesia & Clinical Research	2155-6148
Annals of Clinical and Laboratory Research	2386-5180
Arrhythmia: Open Access	-
Atherosclerosis: Open Access	-
Cell Biology: Research & Therapy	2324-9293
Cellular & Molecular Pathology	-
Clinical & Experimental Cardiology	2155-9880
Clinical & Experimental Dermatology Research	2155-9554
Clinical & Experimental Nephrology	-
Clinical & Experimental Oncology	2324-9110
Clinical & Experimental Ophthalmology	2155-9570
Clinical & Experimental Orthopaedics	-
Clinical & Experimental Pathology	2161-0681
Clinical & Molecular Endocrinology	-
Clinical and Experimental Psychology	-
Clinical and Experimental Transplantation	-
Clinical Case Reports	2165-7920
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Clinical Dermatology Research Journal	-
Clinical Diabetes & Practice	-
Clinical Nutrition & Dietetics	-
Clinical Oncology and Practice	-
Clinical Pediatrics	-
Clinical Pediatrics & Dermatology	-
Clinical Psychiatry	-
Clinical Research & Bioethics	2155-9627
Clinical Research On Foot & Ankle	2329-910X
Clinical Respiratory: Open Access	-
Clinical Toxicology	2161-0495
Clinical Trials	2167-0870
Clinics in Mother and Child Health	2090-7214
Cosmetology & Orofacial Surgery	-
Cosmetology & Trichology	-
Dermatitis	-
Diabetes Case Reports	-
Dialysis and Clinical Practice	-
Drug Intoxication & Detoxification : Novel Approaches	2327-4557
Dual Diagnosis: Open Access	-
Eye & Cataract Refractive Surgery	-
Forensic Toxicology & Pharmacology	2325-9841
Glaucoma: Open Access	-
HIV & Retro Virus	-
Immunooncology	-
Insights in Pediatric Cardiology	-

Intensive and Critical Care	-
International Journal of Anesthesiology & Pain Medicine	-
International Journal of Cardiovascular Research	2324-8602
International Journal of Digestive Diseases	-
International Journal of Ophthalmic Pathology	2324-8599
Interventional Cardiology: Open Access	-
JBR Journal of Clinical Diagnosis and Research	2376-0311
Optometry: Open Access	-
Phonetics & Audiology	-
Speech Pathology & Therapy	-
Stem Cell Research & Therapy	2157-7633
Toxicology: Open Access	-
Vasculitis	-

Earth & Environmental Sciences

Advances in Recycling	-
Astrobiology & Outreach	2332-2519
Biodiversity & Endangered Species	2332-2543
Biodiversity Management & Forestry	2327-4417
Bioremediation & Biodegradation	2155-6199
Biosafety	2167-0331
Climatology & Weather Forecasting	2332-2594
Coastal Zone Management	-
Earth Science & Climatic Change	2157-7617
Ecosystem & Ecography	2157-7625
Entomology, Ornithology & Herpetology	2161-0983
Expert Opinion On Environmental Biology	2325-9655
Fundamentals of Renewable Energy and Applications	2090-4541
Geography & Natural Disasters	2167-0587
Geoinformatics & Geostatistics: An Overview	2327-4581
Geology & Geosciences	2329-6577
Geophysics & Remote Sensing	2169-0049
Hydrogeology & Hydrologic Engineering	2325-9647
Hydrology: Current Research	2157-7587
Industrial Pollution Control	-
Innovative Energy Policies	2090-5009
International Journal of Evolution	2324-8548
International Journal of Waste Resources	2252-5211
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Oceanography: Open Access	2332-2632
Oil & Gas: Open Access	-
Petroleum & Environmental Engineering	2157-7463
Plant Physiology & Pathology	2329-955X
Pollution Effects & Control	2375-4397
Research & Reviews: Journal of Ecology and Environmental Sciences	-

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Electrical Engineering & Electronic Technology	2325-9833

Engineering

Advances in Automobile Engineering	2167-7670
Advances in Robotics & Automation	2168-9695
Aeronautics & Aerospace Engineering	2168-9792
Applied Bioinformatics & Computational Biology	2329-9533
Applied Mechanical Engineering	2168-9873
Architectural Engineering Technology	2168-9717
Automatic Control of Physiological State and Function	2090-5092
Biochips & Tissue Chips	2153-0777
Bioengineering & Biomedical Science	2155-9538
Biomusical Engineering	2090-2719
Biosensors & Bioelectronics	2155-6210
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Computer Engineering & Information Technology	2324-9307
Computer Engineering and Information Technology	2324-9307
Defense Management	2167-0374
Fashion Technology & Textile Engineering	2329-9568
Global Journal of Technology and Optimization	2229-8711
Global Research in Computer Science	2229-371X
Industrial Engineering & Management	2169-0316
Information Technology & Software Engineering	2165-7866
International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2278-8875
International Journal of Advancements in Technology	0976-4860
International Journal of Biomedical Data Mining	2090-4924
International Journal of Innovative Research in Computer and Communication Engineering	2278-1021
International Journal of Innovative Research in Science, Engineering and Technology	2319-8753
International Journal of Sensor Networks and Data Communications	2090-4886
International Journal of Swarm Intelligence and Evolutionary Computation	2090-4908
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Lasers, Optics & Photonics	-
Lovotics	2090-9888
Membrane Science & Technology	2155-9589
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Research & Reviews: Journal of Engineering and Technology	2319-9873
Steel Structures & Construction	-
Telecommunications System & Management	2167-0919
Textile Science & Engineering	2165-8064

General Science

Computer Science & Systems Biology Journal	0974-7230
Ergonomics	2165-7556
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International Journal of Advance Innovations, Thoughts & Ideas	2277-1891
Metrology	-
Research & Reviews: Journal of Botanical Sciences	2320-0189
Research & Reviews: Journal of Chemistry	2319-9849
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Genetics & Molecular Biology

Advanced Techniques in Biology & Medicine	2379-1764
Advancements in Genetic Engineering	2169-0111
Advances in Molecular Diagnostics	-
Biochemistry & Analytical Biochemistry	2161-1009
Biochemistry & Molecular Biology Journal	-
Biochemistry & Physiology	2329-9029
Biological Systems	2329-6577
Biotechnology & Biomaterials	2155-952X
Bipolar Disorder: Open Access	-
Cell & Developmental Biology	2168-9296
Cell Science & Therapy	2157-7013
Cell Signaling	-
Cellular & Molecular Medicine: Open Access	-
Chemical Biology & Therapeutics	-
Clinical Epigenetics	-
Cloning & Transgenesis	2168-9849
Current Synthetic and Systems Biology	2332-0737
Cytology & Histology	2157-7099
Down Syndrome & Chromosome Abnormalities	-
Electronic Journal of Biology	-
Enzyme Engineering	2329-6674
Fertilization: in Vitro	2375-4508
Fungal Genomics & Biology	2165-8056
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Human Genetics & Embryology	2161-0436
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Insights in Stem Cells	-
International Journal of Genomic Medicine	2332-0672
Metabolomics: Open Access	2153-0769
Metabonomics & Metabolites	2325-9736
Microbial & Biochemical Technology	1948-5948
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Acta Rheumatologica	-
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Advances in Genetic Engineering & Biotechnology	-
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Cancer Clinical Trials	-
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Cancer Medicine & Anticancer Drugs	-
Cancer Science & Therapy	1948-5956
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Colorectal Cancer: Open Access	-
Communication Disorders, Deaf Studies & Hearing Aids	2375-4427
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Dental Health: Current Research	-
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Endocrinology & Metabolic Syndrome	2161-1017
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Family Medicine & Medical Science Research	2327-4972
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Head and Neck Cancer Research	-
Health & Medical Economics	-
Health Care Communications	-
Health Economics & Outcome Research: Open Access	-
Health Education Research & Development (Biosafety & Health Education: Open Access-2332-0893)	-
Health Systems and Policy Research	2254-9137
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Hepatology and Gastrointestinal Disorders	-
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Hypertension- Open Access	2167-1095
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International Journal of Collaborative Research on Internal Medicine & Public Health	-
International Journal of Emergency Mental Health and Human Resilience	1522-4821
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International Journal of Pediatric Neurosciences	-
International Journal of Physical Medicine & Rehabilitation	2329-9096
International Journal of Public Health and Safety	-
International Journal of School and Cognitive Psychology	-
Interventional Pediatrics	-
Invasive Cardiology Future Medicine	-
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Kidney Transplant	-
La Prensa Medica	0032-745X
Laser Surgery and Therapy	-
Leukemia	2329-6917
Liposuction	-
Liver	2167-0889
Liver: Disease & Transplantation	2325-9612
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Lung Diseases & Treatment	-
Malaria Control & Elimination	2090-2778
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Medical & Surgical Pathology	-
Medical & Surgical Urology	2168-9857
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Obesity & Weight Loss Therapy	2165-7904
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Oncology & Cancer Case Reports	-
Oncology Translational Research	-
Oral Health and Dental Management	2247-2452
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Orthopedic & Muscular System: Current Research	2161-0533
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Osteoporosis & Physical Activity	2329-9509
Otolaryngology:Open Access	2161-119X
Otology & Rhinology	2324-8785
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Palliative Care & Medicine	2165-7386
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Pediatric Dental Care	-
Pediatric Emergency Care and Medicine- Open Access	-
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Pediatric Nursing: Open Access	-
Pediatric Oncology: Open Access	-
Pediatric Physiotherapy	-
Pediatric Psychology and Psychiatry	-
Pediatrics & Therapeutics	2161-0665
Periodontics and Prosthodontics: Open Access	-
Pigmentary Disorders	2376-0427
Prevention Infection Control: Open Access	-
Preventive Medicine	-
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Psoriasis & Rosacea Open Access	-
Psychiatry	2378-5756
Psychological Abnormalities in Children	2329-9525
Psychology & Psychotherapy	2161-0487
Pulmonary & Respiratory Medicine	2161-105x
Rare Disorders & Diseases	-
Regenerative Medicine	2325-9620
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Reproductive System & Sexual Disorders	2161-038x
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Research & Reviews: Journal of Medical and Health Sciences	2319-9865
Research Journal of Biology	2322-0066
Sleep Disorders & Therapy	2167-0277
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Spine & Neurosurgery	2325-9701
Spine Research	-
Sports Medicine & Doping Studies	2161-0673
Sports Nutrition and Therapy	-
Steroids & Hormonal Science	2157-7536
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Journal of Surgery [Jurnalul de Chirurgie]	1584-9341
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The Headache Journal	-
The International Journal of Apitherapy	-
The Pancreas	1590-8577
Therapeutic Care and Physical Rehabilitation	-

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Thyroid Disorders & Therapy	2167-7948
Translational Medicine	2161-1025
Transplant Reports : Open Access	-
Transplantation Technologies & Research	2161-0991
Trauma & Acute Care	-
Trauma & Treatment	2167-1222
Traumatic Stress Disorders & Treatment	2324-8947
Tropical Medicine & Surgery	2329-9088
Tumor Diagnostics and Reports	-
Universal Surgery	2254-6758
Vascular Medicine & Surgery	2329-6925
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Voice Medicine & Surgery	-
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Antivirals & Antiretrovirals	1948-5964
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Archives of Clinical Microbiology	1989-8436
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Clinical Microbiology: Open Access	2327-5073
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Human Papillomavirus	-
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Infectious Diseases and Therapy	2332-0877
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Medical Mycology: Open Access	-
Meningitis	-
Mycobacterial Diseases	2161-1068
Pediatric Infectious Diseases: Open Access	-
Research & Reviews: Journal of Microbiology and Biotechnology	2320-3528
Research & Reviews: Journal of Inflammation	-
Research & Reviews: Journal of Pathology & Epidemiology	-
Virology & Mycology	2161-0517

Neuroscience

Addiction Research & Therapy	2155-6105
Alzheimers Disease & Parkinsonism	2161-0460
Autism-Open Access	2165-7890
Brain Disorders & Therapy	2168-975X
Child & Adolescent Behavior	2375-4494
Clinical & Experimental Neuroimmunology	-
Dementia & Mental Health	-
Epilepsy Journal	-
Insights in Clinical Neurology	-
International Journal of Neurorehabilitation	2376-0281
Multiple Sclerosis	2376-0389
Neurological Disorders	2329-6895
Neurology & Neurophysiology	2155-9562
Neurology and Neuroscience	2171-6625
Neuropsychiatry	-
Neuroscience & Clinical Research	-
Schizophrenia Journal	-

Health Care & Nursing

Advanced Practices in Nursing	-
Community & Public Health Nursing	-
Nursing & Care	2167-1168
Nursing & Clinical Research	-
Patient Care	-
Perioperative & Critical Intensive Care Nursing	-
Research & Reviews: Journal of Nursing and Health Sciences	-

Pharmaceutical Sciences

Advances in Pharmacoepidemiology & Drug Safety	2167-1052
Alcoholism & Drug Dependence	2329-6488
Bioanalysis & Biomedicine	1948-593X
Biochemistry & Pharmacology: Open Access Journal	2167-0501
Bioequivalence & Bioavailability	0975-0851
Biomarkers in Drug Development	2327-4441
Biomarkers Journal	-
Biomolecular Research & Therapeutics	2167-7956
Cardiovascular Pharmacology: Open Access	2329-6607
Clinical & Experimental Pharmacology	2161-1459
Clinical Pharmacology and Biopharmaceutics	2167-065X
Current Trends in Nutraceuticals	-
Developing Drugs	2329-6631
Diagnostic Techniques & Biomedical Analysis	-
Drug Designing: Open Access	2169-0138
Drug Metabolism & Toxicology	2157-7609
in Silico & in Vitro Pharmacology	-
Molecular Enzymology and Drug Targets	-
Molecular Pharmaceutics & Organic Process Research	2329-9053
Pharmaceutica Analytica Acta	2153-2435
Pharmaceutical Care & Health Systems	2376-0419
Pharmaceutical Microbiology	-
Pharmaceutical Regulatory Affairs: Open Access	2167-7689
Pharmaceutical Sciences & Emerging Drugs	-
Pharmaceutics & Drug Delivery Research	2325-9604
Pharmacoeconomics: Open Access	-
Pharmacogenomics and Pharmacoproteomics	2153-0645
Pharmacognosy & Natural Products	-
Pharmacokinetics & Experimental Therapeutics	-
Pharmacological Reports	-
Pharmacovigilance	2329-6887
Research & Reviews: Journal of Hospital and Clinical Pharmacy	-
Research & Reviews: Journal of Pharmaceutical Analysis	2320-0812
Research & Reviews: Journal of Pharmaceutical Quality Assurance	-
Research & Reviews: Journal of Pharmaceutics and Nanotechnology	2347-7857
Research & Reviews: Journal of Pharmacognosy and Phytochemistry	2321-6182
Research & Reviews: Journal of Pharmacy and Pharmaceutical Sciences	2320-1215
Virology & Antiviral Research	2324-8955

Physics

Astrophysics & Aerospace Technology	2329-6542
Research & Reviews: Journal of Pure and Applied Physics	2320-2459
Vortex Science and Technology	2090-8369

Social & Political Sciences

Anthropology	2332-0915
Arts and Social Sciences Journal	2151-6200
Civil & Legal Sciences	2169-0170
Forensic Anthropology	-
Global Media Journal	1550-7521
Intellectual Property Rights: Open Access	2375-4516
Mass Communication & Journalism	2165-7912
Political Science & Public Affairs	2332-0761
Research & Reviews: Journal of Educational Studies	-
Research & Reviews: Journal of Social Sciences	-
Socialomics	2167-0358
Sociology & Criminology	2375-4435

Veterinary Sciences

Animal Nutrition	-
Primatology	2167-6801
Research & Reviews: Journal of Veterinary Sciences	-
Research & Reviews: Journal of Zoological Sciences	2321-6190
Veterinary Science & Medical Diagnosis	2325-9590
Veterinary Science & Technology	2157-7579

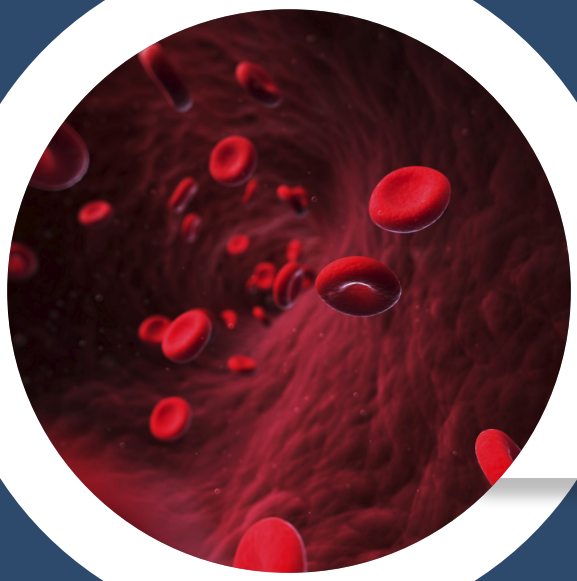
Impact Factors* (IF)

Journal Name	Pubmed Short Name	Impact Factor
Biological Systems: Open Access	Biol Syst Open Access	0.76
Journal of Biotechnology & Biomaterials	J Biotechnol Biomater	1.94
Journal of Psychology & Psychotherapy	J Psychol Psychother	1.3
Advanced Techniques in Biology & Medicine	Adv Tech Biol Med	1.08
AIDS & Clinical Research	J AIDS Clin Res	2.7
Autism Open Access	Autism Open Access	3.52
Biochemistry & Physiology: Open Access	Biochem Physiol	1.03
Diversity Equality in Health & Care	Divers Equal Health Care	2.49
Drug Designing: Open Access	Drug Des	6
Fungal Genomics & Biology	Fungal Genom Biol	1.15
International Journal of Genomic Medicine	Int J Genomic Med	0.67
Journal of Addiction Research & Therapy	J Addict Res Ther	2.86
Journal of Alzheimers Disease & Parkinsonism	J Alzheimers Dis Parkinsonism	1.18
Journal of Fertilization: In Vitro	JFIV Reprod Med Genet	1
Journal of Genetic Syndromes & Gene therapy	J Genet Syndr Gene Ther	2.34
Journal of Microbial & Biochemical Technology	J Microb Biochem Technol	2.5
Journal of Nursing & Care	J Nurs Care	1.6
Journal of Osteoporosis and Physical Activity	J Osteopor Phys Act	0.66
Journal of Yoga & Physical Therapy	J Yoga Phys Ther	1.17
Molecular Biology	Mol Biol	1.85
Neurology & Neurophysiology	J Neurol Neurophysiol	0.77
Primary health care	Prim Health Care	1
Quality in Primary Care	Qual Prim Care	3.88
Tissue Science & Engineering	J Tissue Sci Eng	2.72
Biochemistry & Analytical Biochemistry	Biochem Anal Biochem	2.6
Molecular and Genetic Medicine	J Mol Genet Med	2.89
Advancements in Genetic Engineering	Adv Genet Eng	1
Enzyme Engineering	Enz Eng	2.3
Depression and Anxiety	J Depress Anxiety	1
Human Genetics & Embryology	Human Genet Embryol	1.2
Current Synthetic and Systems Biology	Curr Synthetic Sys Biol	0.8
Hereditary Genetics: Current Research	Hereditary Genet	1.2
International Journal of Emergency Mental Health and Human Resilience	Int J Emerg Ment Health	6.5
Spine	J Spine	1.9
Cloning & Transgenesis	Clon Transgen	1.5
Journal of Medical Microbiology & Diagnosis	J Med Microb Diagn	1.9
Biosensors Journal	Biosens J	0.33
Defense Management	J Def Manag	0.5
Review of Public Administration and Management	Review Pub Administration Manag	0.2
Single cell biology	Single Cell Biol	1
Gerontology & Geriatric Research	J Gerontol Geriatr Res	1
Neuroinfectious Diseases	J Neuroinfect Dis	2.4
Cell Science & Therapy	J Cell Sci Ther	1.37
Molecular Biomarkers & Diagnosis	J Mol Biomark Diagn	2.1
Brain Disorders & Therapy	Brain Disord Ther	1.6
Clinical Case Reports	J Clin Case Rep	1.2
Gene Technology	Gene Technol	0.83
Socialomics	J Socialomics	2.3
Journal of Trauma and Treatment	J Trauma Treat	0.6
Translational Biomedicine	Transl Biomed	1.06
Journal of Neurology and Neuroscience	J Neurol Neurosci	0.88
Research & Reviews: Journal of Botanical Sciences	J Bot Sci	0.33
Journal of Psychiatry	J Psychiatry	2.32
Anaplastology	Anaplastology	0.73
Tropical Medicine & Surgery	Trop Med Surg	0.4
Orthopedic & Muscular System: Current Research	Orthop Muscular Syst	0.32
Pediatrics & Therapeutics	Pediat Therapeut	1.32
Sports Medicine & Doping Studies	J Sports Med Doping Stud	1.45
Journal of Oral Hygiene & Health	J Oral Hyg Health	0.52
Emergency Medicine	Emerg Med (Los Angel)	0.875
Journal of Transplantation Technologies & Research	J Transplant Technol Res	1.39
Journal of Hypertension: Open Access	J Hypertens (Los Angel)	0.92
International Journal of Waste Resources	Int J Waste Resour	1.95
Surgery: Current research	Surgery Curr Re	0.587
Oral Health and Dental Management	Oral Health Dent Manag	1.23
International Journal of Advancement technology	Int J Adv Tech	5.08
Translational Medicine	Transl Med (Sunnyvale)	1.312
Air and Water Borne Diseases	Air Water Borne Diseases	0.6
Journal of Coastal Zone Management	J Coast Zone Manag	0.54
Biology and Medicine	Biol Med (Aligarh)	3.07
Journal of Bioterrorism and Biodefense	J Bioterror Biodef	0.38
Journal of Tropical Diseases & Public Health	J Trop Dis	0.83
Journal of Surgery	Journal of Surgery [Jurnalul de chirurgie]	0.08
Nephrology & Therapeutics	J Nephrol Ther	0.318
Journal of Fundamentals of Renewable Energy and Applications	J Fundam Renewable Energy Appl	1.41
Advances in Pharmacoepidemiology & Drug Safety	Adv Pharmacoepidemiol Drug Saf	1.37
Bioanalysis & Biomedicine	J Bioanal Biomed	1.67
Biochemistry & Pharmacology: Open Access	Biochem Pharmacol (Los Angel)	2.09
Bioequivalence & Bioavailability	J Bioequiv Availab	1.88
Biomolecular Research & Therapeutics	J Biomol Res Ther	1.67
Cardiovascular Pharmacology: Open Access	Cardiol Pharmacol	1.77
Clinical & Experimental Pharmacology	Clin Exp Pharmacol	1.83
Clinical Pharmacology & Biopharmaceutics	Clin Pharmacol Biopharm	1.69
Data Mining in Genomics & Proteomics	J Data Mining Genomics Proteomics	2
Drug Metabolism & Toxicology	J Drug Metab Toxicol	1.37
Ergonomics	J Ergonomics	1.38
Glycomics & Lipidomics	J Glycomics Lipidomics	1.82
Health & Medical Informatics	J Health Med Inform	1.98
Metabolomics: Open Access	Metabolomics (Los Angel)	3.03
Nanomedicine & Biotherapeutic Discovery	J Nanomedine Biotherapeutic Discov	2.69
OMICS Journal of Radiology	OMICS J Radiol	0.54
Pharmaceutica Analytica Acta	Pharm Anal Acta	1.83
Pharmaceutical Regulatory Affairs: Open Access	Pharm Regul Aff	1.88
Pharmacogenomics & Pharmacoproteomics	J Pharmacogenomics Pharmacoproteomics	1.69
Pharmacovigilance	J Pharmacovigil	2.65
Phylogenetics & Evolutionary Biology	J Phylogenetics Evol Biol	2.76
Proteomics & Bioinformatics	J Proteomics Bioinform	2.55
Advances in Automobile Engineering	Adv Automob Eng	1.750
Advances in Robotics & Automation	Adv Robot Autom	0.813
Arts and Social Sciences Journal	Arts Social Sci J	1.231
Bioceramics Developments and Applications	Bioceram Dev Appl	0.958
Business & Financial Affairs	J Bus & Fin Aff	2.000
Generalized Lie Theory and Applications	J Generalized Lie Theory Appl	1.750
Irrigation & Drainage Systems Engineering	Irrigat Drainage Sys Eng	4.286
Industrial Engineering & Management	Ind Eng Manage	0.474
Aeronautics & Aerospace Engineering	J Aeronaut Aerospace Eng	1.407
Applied & Computational Mathematics	J Appl Computat Math	0.581
Architectural Engineering Technology	J Archit Eng Tech	1.071
Accounting & Marketing	J Account Mark	0.500
Aquaculture Research & Development	J Aquac Res Development	1.272
Bioengineering & Biomedical Science	J Bioeng Biomed Sci	1.235
Biometrics & Biostatistics	J Biomet Biostat	1.272
Biosensors & Bioelectronics	J Biosens Bioelectron	2.137
Civil & Environmental Engineering	J Civil Environ Eng	1.294
Cytology & Histology	J Cytol Histol	0.569
Civil & Legal Sciences	J Civil Legal Sci	0.286
Ecosystem & Ecography	J Ecosyst Ecogr	1.806
Electrical & Electronic Systems	J Elec Electron Syst	0.533
Earth Science & Climatic Change	J Earth Sci Clim Change	2.082
Geography & Natural Disasters	J Geogr Nat Disast	0.800
Hotel & Business Management	J Hotel Bus Manage	1.600
Information Technology & Software Engineering	J Inform Tech Soft Engg	2.789
Molecular Imaging & Dynamics	J Mol Imaging Dynam	2.091

Earth Science & Climatic Change	J Earth Sci Clim Change	2.082
Geography & Natural Disasters	J Geogr Nat Disast	0.800
Hotel & Business Management	J Hotel Bus Manage	1.600
Information Technology & Software Engineering	J Inform Tech Soft Engg	2.789
Molecular Imaging & Dynamics	J Mol Imaging Dynam	2.091
Petroleum & Environmental Engineering	J Pet Environ Biotechnol	2.839
Stock & Forex Trading	J Stock Forex Trad	0.300
Textile Science & Engineering	J Textile Sci Eng	0.667
Tourism & Hospitality	J Tourism Hospit	1.190
Telecommunications System & Management	J Telecommun Syst Manage	0.800
Physical Mathematics	J Phys Math	4.500
Nanomedicine & Nanotechnology	J Nanomed Nanotechnol	4.68
Arabian Journal of Business and Management Review	Arab J Bus Manage Rev	1.42
Research and Reviews: Journal of Engineering and Technology	Engineering and Technology	0.14
Journal of Material Sciences & Engineering	J Material Sci Eng	1.31
Journal of Mass Communication & Journalism	J Mass Communicat Journalism	0.62
Journal of Powder Metallurgy & Mining	J Powder Metall Min	0.71
Journal of Applied Mechanical Engineering	J Appl Mech Eng	1.65
Archives of Clinical Microbiology		0.35
Dentistry	Dentistry	1.22
Journal of Diabetes & Metabolism	J Diabetes Metab	1.77
Otolaryngology: Current Research	Otolaryngol (Sunnyvale)	0.22
Journal of Metabolic Syndrome	J Metabolic Synd	1.27
Journal of Primatology	J Primatol	0.53
Journal of Thyroid Disorders & Therapy	Thyroid Disorders Ther	0.43
Jounal of Novel Physiotherapies	J Nov Physiother	1.24
Journal of Stem Cell Research & Therapy	J Stem Cell Res Ther	2.78
Anatomy & Physiology: Current Research	Anat Physiol	1
Pancreatic Disorders & Therapy	Pancreat Disord Ther	0.54
Journal of Cancer Science & Therapy	J Cancer Sci Ther	4.203
Journal of Biomedical Sciences		0.2
Journal of Nutritional Disorders & Therapy	J Nutr Disord Ther	1.46
Medical & Surgical Urology	Med Surg Urol	0.3
Journal of Biochips & Tissue Chips	J Biochip Tissue Chip	1.7
Journal of Liver	J Liver	0.08
Journal of Family Medicine and Medical Research	Fam Med Med Sci Res	0.78
Gynecology & Obstetrics	Gynecol Obstet (Sunnyvale)	0.52
Journal of Integrative Oncology	J Integr Oncol	1.67
Journal of Neonatal Biology	J Neonatal Biol	0.55
Journal of Glycobiology	J Glycobiology	0.8
Journal of Blood & Lymph	J Blood Lymph	0.12
Journal of Arthritis	J Arthritis	1.87
Journal of Membrane Science & Technology	J Membra Sci Technol	1.18
Medicinal Chemistry	Med Chem (Los Angeles)	2.64
Journal of Physical Chemistry & Biophysics	J Phys Chem Biophys	0.75
Organic Chemistry: Current Research	Organic Chem Curr Res	1.94
Journal of Bioprocessing & Biotechniques	J Bioprocess Biotech	1.74
Journal of Environmental & Analytical Toxicology	J Environ Anal Toxicol	2.58
Journal of Chemical Engineering & Process Technology	J Chem Eng Process Technol	1.21
Journal of Computer Science & Systems Biology	J Comput Sci Syst Biol	1.62
Journal of Analytical & Bioanalytical Techniques	J Anal Bioanal Tech	2.16
Journal of Plant Biochemistry & Physiology	J Plant Biochem Physiol	2.28
Journal of Chromatography & Separation Techniques	J Chromatogr Sep Tech	1.78
Journal of Thermodynamics & Catalysis		0.91
Community Medicine & Health Education	J Community Med Health Educ	1.27
Epidemiology: Open Access	Epidemiology (Sunnyvale)	1.35
Obesity & Weight Loss Therapy	J Obes Weight Loss Ther	0.94
Pain & Relief	J Pain Relief	1.14
Palliative Care & Medicine	J Palliat Care Med	0.88
Steroids & Hormonal Science	J Steroids Horm Sci	0.65
Gastrointestinal & Digestive System	J Gastrointest Dig Syst	0.43
Hair: Therapy & Transplantation		0.6
Andrology	Andrology (Los Angel)	1.16
Endocrinology & Metabolic Syndrome	Endocrinol Metab Syndr	1.12
Internal Medicine		2.48
Sleep Disorders & Therapy	J Sleep Disord Ther	0.5
Nuclear Medicine & Radiation Therapy	J Nucl Med Radiat Ther	0.88
Alternative & Integrative Medicine	Altern Integr Med	1.11
Pulmonary & Respiratory Medicine	J Pulm Respir Med	1.01
Occupational Medicine Health Affairs	Occup Med Health Aff	0.85
Reproductive System & Sexual Disorders	Reprod Syst Sex Disord	1.25
Medical Diagnostic Methods		0.29
Blood Disorders & Transfusion	J Blood Disord Transfus	0.5
General Medicine	Gen Med (Los Angel)	0.86
Bioenergetics: Open Access	Bioenergetics	3.1
Chemotherapy: Open Access	Chemotherapy (Los Angel)	1.8
Clinical & Experimental Pathology	J Clin Exp Pathol	1.54
Carcinogenesis & Mutagenesis	J Carcinog Mutagen	1.9
Clinical Research & Bioethics	J Clinic Res Bioeth	0.95
Vaccines & Vaccination	J Vaccines Vaccin	1.8
Immunome Research	Immunome Res	7.1
Clinical & Experimental Ophthalmology	J Clin Exp Ophthalmol	1.11
Clinical & Experimental Dermotology Research	J Clin Exp Dermatol Res	0.5
Clinical & Experimental Cardiology	J Clin Exp Cardiolog	1.33
Clinical Microbiology: Open Access	Clin Microbiol	0.7
Anesthesia & Clinical research	J Anesth Clin Res	0.7
Mycobacterial Diseases	Mycobact Dis	0.9
Clinical Toxicology	J Clin Toxicol	1.39
Clinical Trials & Research	J Clin Trials	1.33
Antivirals & Antiretrovirals	J Antivir Antiretrovir	1.27
Fermentation Technology	Ferment Technol	3.44
Clinical & Cellular immunology	J Clin Cell Immunol	2.019
Allergy & Therapy	J Allergy Ther	0.762
Bacteriology & Parasitology	J Bacteriol Parasitol	2.025
Rheumatology: Current Research	Rheumatology (Sunnyvale)	1.522
Virology & Mycology	Virol Mycol	0.69
Clinics in Mother and Child Health	Clinics Mother Child Health	0.432
Womens Health Care	J Womens Health Care	0.79
Marine Science: Research & Development	J Marine Sci Res Dev	0.45
Plant Pathology & Microbiology	J Plant Pathol Microbiol	1.75
Geology & Geophysics	J Geol Geophys	0.91
FisheriesSciences	J Fisheries Sci	0.51
Fisheries and Aquaculture Journal	Fish Aquac J	0.69
Bioremediation & Biodegradation	J Bioremediat Biodegrad	2.1
Advances in Crop Science and Technology	Adv Crop Sci Tech	0.39
Journal of Remote Sensing & GIS	J Geophys Remote Sens	0.77
Biofertilizers & Biopesticides	J Biofertil Biopestic.	1.19
Hydrology: Current Research	Hydrol Current Res	1.12
Probiotics & Health	J Prob Health	0.69
Veterinary Science & Technology	J Veterinar Sci Technolo	2.5
Medicinal & Aromatic Plants	Med Aromat Plants	2.02
Forest Research	Forest Res	1.69
International Journal of Sensor Networks and Data Communications	Sensor Netw Data Commun	1.66
Innovative Energy Policies	Innov Energ Policies	0.88
Biodiversity & Endangered Species	J Biodivers Endanger Species	0.25
Biosafety	Biosafety	0.49
Agrotechnology	Agrotechnol	0.69
Journal of Traditional Medicine and Clinical Naturopathy	J Tradition Med Clin Naturopth	0.49
Nutrition & Food Sciences	J Nutr Food Sci	1.14
Entomology, Ornithology & Herpetology	Entomol Ornithol Herpetol	1.26

Impact Factor Calculation:

Impact Factor was established by dividing the number of articles published in 2012 and 2013 with the number of times they are cited in 2014 based on Google search and the Scholar Citation Index database. If 'X' is the total number of articles published in 2012 and 2013, and 'Y' is the number of times these articles were cited in indexed journals during 2014 than, impact factor = Y/X

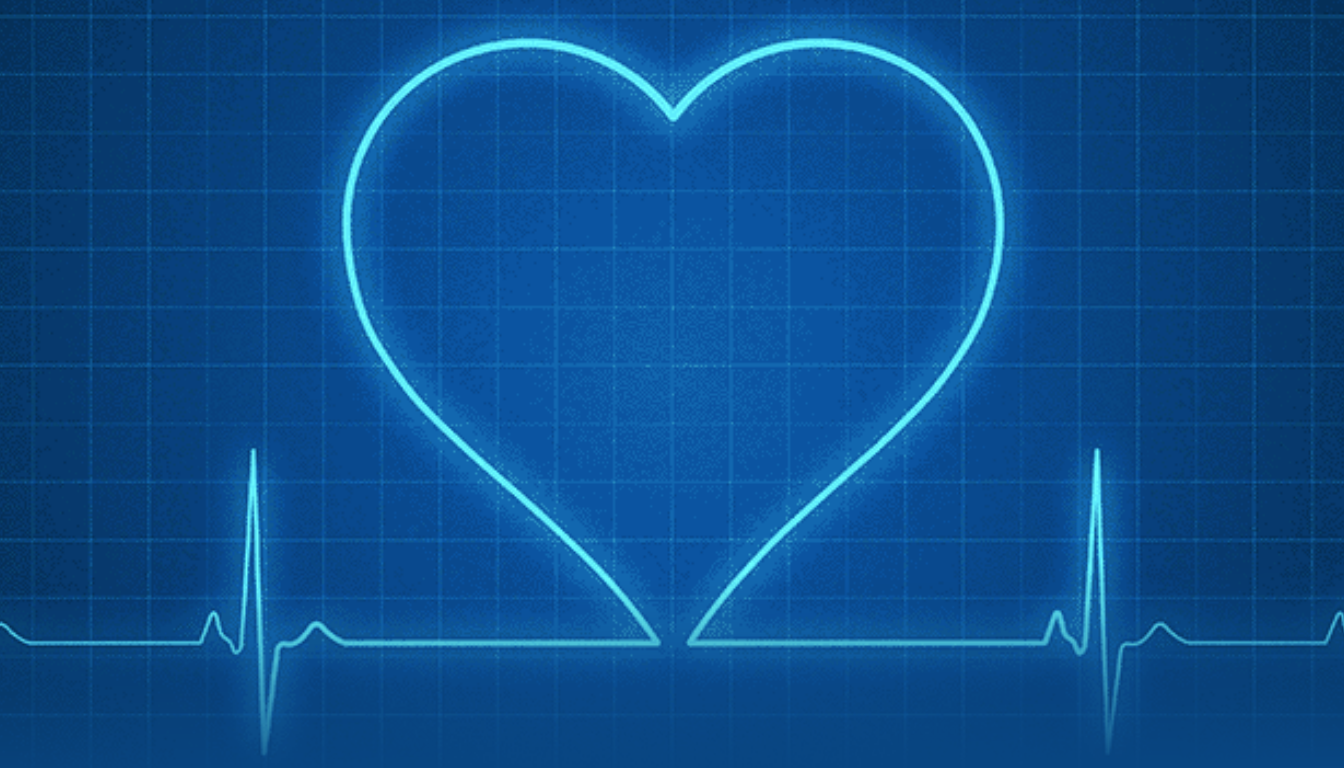


Joint Event on

Healthcare IT, Hematology & Cardiology

November 25-26, 2019 | Paris, France

SUPPORTING JOURNALS



SUPPORTING JOURNALS

Journal of Health Education Research & Development

Journal of Clinical & Experimental Cardiology

Journal of Blood & Lymph





Joint Event on

Healthcare IT, Hematology

&

Cardiology

November 25-26, 2019 | Paris, France

UPCOMING CONFERENCES

Agri, Food & Aqua



European Food technology and Processing congress

November 03-04, 2019 | Paris, France
E: catherineshaw@europemeet.com
W: foodtechnologycongress.conferenceseries.com

Allied Healthcare



11th International Conference on

Geriatrics Nursing and Palliative Care

October 21-22, 2019 |Amsterdam, Netherlands
E: geriatricsnursing@europemeet.com
W: geriatricsnursing.nursingconference.com

Antibiotics



2nd International Conference on

Vaccine Research

October 14-15, 2019 | Paris, France
E: vaccineresearch@europemeet.com
W: vaccinesresearch.vaccineconferences.com

Annual Congress on

Antibiotics & Antimicrobial Resistance

October 14-15, 2019 | Paris, France
E: antibiotics@europemeet.com
W: antibiotics.global-summit.com

Chemical Engineering



6th World Congress on

Chemical Engineering and Catalysis

July 15-16, 2020 | Amsterdam, Netherlands
E: chemicalengineering@europemeet.com
W: chemicalengineering.annualcongress.com

Cardiology



6th World Congress on

Hypertension and Public Health

September 26-28, 2019 | Lisbon, Portugal
E: eurohypertension@europemeet.com
W: hypertensioncongress.cardiologymeeting.com

2nd World Cardiology and Cardiac Rehabilitation Meeting

July 01-02, 2020 | Athens, Greece
E: cardiology@europemeet.com
W: worldcardiology.cardiologymeeting.com/

European Heart Congress

October 23-24, 2019 | Prague, Czech Republic
E: cardiologyworld@europemeet.com
W: cardiologycongress.cardiologymeeting.com

3rd International Conference on

Cardiovascular Diseases and Therapeutics

March 09-10, 2020 | Prague, Czech Republic
E: cardiovascular@europemeet.com
W: cardiovasculardiseases.cardiologymeeting.com

Dental Conferences



28th Euro Dentistry Congress

September 16-17, 2019 | Amsterdam, Netherlands
E: dentistry@europemeet.com
W: eurodentistrydentalcongress.com

Gatroenterology



14th World Congress onn

Gastroenterology and Hepatology

March 20-21, 2020 | Prague, Czech Republic
E: gastroenterology@europemeet.com
W: gastro.healthconferences.org

Endocrinology & Diabetes



Euro Diabetes Congress & Expo
October 03-04, 2019 | Paris, France
E: contact@europemeet.com
W: diabetescongress.diabetesexpo.com

15th World Congress on
Endocrinology & Diabetes
November 21-22, 2019 | Amsterdam, Netherlands
E: endocrinology@europemeet.com
W: endocrinology.endocrineconferences.com

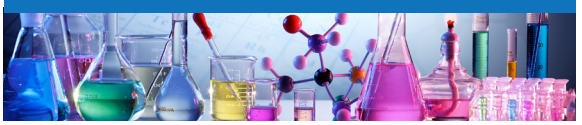
Engineering, EEE & IT



2nd International Conference on
Civil Engineering & Steel Structures
June 22-23, 2020 | Stockholm, Sweden
E: contact@europemeet.com
W: civilengineering.enggconferences.com

International Conference on
Building Materials & Construction Technologie
June 22-23, 2020 | Paris, France
E: contact@europemeet.com
W: buildingmaterials-technologies.enggconferences.com

Chemistry



11th World Congress on
Chemistry
October 10-11, 2019| Dubrovnik, Croatia
E: chemistrymeet@europemeet.com
W: chemistry.chemistryconferences.org

15th World Congress on
Medicinal Chemistry & CADD
October 10-11, 2019| Dubrovnik, Croatia
E: medchem@europemeet.net
W: medchem.pharmaceuticalconferences.com

11th International Conference on
Medicinal Chemistry and Pharmaceutical Technology
January 22-23, 2020 | Paris, France
E: medicinalchemistry@europemeet.com
W: medicinalchemistrymeetings.pharmaceuticalconferences.com

11th World Congress on
Chemistry
October 10-11, 2019| Dubrovnik, Croatia
E: chemistrymeet@europemeet.com
W: chemistry.chemistryconferences.org

15th World Congress on
Medicinal Chemistry & CADD
October 10-11, 2019| Dubrovnik, Croatia
E: medchem@europemeet.net
W: medchem.pharmaceuticalconferences.com

11th International Conference on
Medicinal Chemistry and Pharmaceutical Technology
January 22-23, 2020 | Paris, France
E: medicinalchemistry@europemeet.com
W: medicinalchemistrymeetings.pharmaceuticalconferences.com

9th World Congress on
Spectroscopy & Analytical Techniques
October 24-25, 2019 Prague | Czech Republic
E: spectroscopy@europemeet.com
W: analyticaltechniques.annualcongress.com

10th World Congress on
Chromatography
April 08-09, 2020 | Zagreb, Croatia
E: chromatography@europemeet.com
W: chromatography.conferenceseries.com

Dermatology



19th European Dermatology Congress
March 05-06, 2020 | Prague, Czech Republic
E: dermatologycongress@dermatologyconference.org
W: dermatology.conferenceseries.com/europe/

Genetics and Molecular Biology



15th International Conference on
Tissue Engineering & Regenerative Medicine
January 20-21, 2020 Paris, France
E: tissueengineering@geneticconferences.com
W: tissue-engineering.conferenceseries.com

16th World Congress on
Structural Biology
February 20-21, 2020 |Paris, France
E: structuralbiology@europemeet.com
W: structuralbiologycongress.conferenceseries.com

14th Annual Conference on
Stem Cell and Biomaterials
April 11-12, 2020 | Prague, Czech Republic
E: biomaterials@europemeet.com
W: biomaterials.materialsconferences.com

Gynecology



International Meeting on

Reprtoductive Medicine and Womens Health

July 31-August 01, 2020 | Amsterdam, Netherlands
E: reproductivemedicine@europemeet.com
W: womenshealth-reproductivemedicine.conferenceseries.com

International Conference on

Gynecology and Obstetrics

April 24-25, 2020 | Amsterdam, Netherlands
E: gynecology@europemeet.com
W: obstetrics-gynecology.healthconferences.org

Healthcare



International Conference on

Clinical Case reports

April 24-25, 2020 | Amsterdam, Netherlands
E: casestudy@europemeet.com
W: casereports.healthconferences.org

24th Global Public Health Congress

June 22-23, 2020|Paris, France
E: publichealth@europemeet.com
W: globalpublichealth.conferenceseries.com

Healthcare Management



2nd International Congress on

Traditional and Natural Medicines

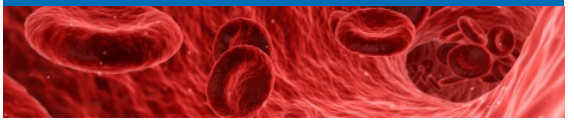
October 23-24, 2019 | Prague, Czech Republic
E: naturalmedicine@europemeet.com
W: traditionalmedicinecongress.conferenceseries.com

3rd International Conference on

eHealth and Alternative Healthcare Innovations

October 12-13, 2020 | Prague, Czech Republic
E: ehealth@europemeet.com
W: ehealth.healthconferences.org

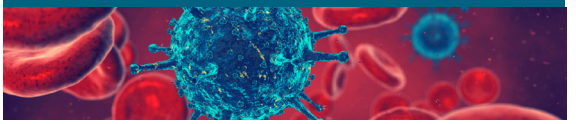
Hematology



17th World Hematology Congress

March 05-07, 2020 | Paris, France
E: contact@europemeet.com
W: worldhematology.conferenceseries.com

Immunology

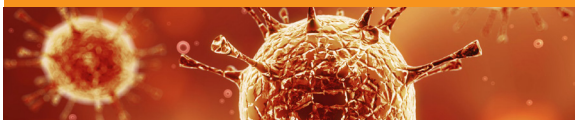


Global meet on

Immunology and Molecular Biology

October 07-08, 2019 | Paris, France
E: contact@europemeet.com
W: worldimmunology.immunologyconferences.com

Infectious Diseases



6th International Conference on

Infectious Diseases

August 28-29, 2020 | Paris, France
E: infectiousdisease@europemeet.com
W: infectiousdiseases.annualcongress.com

Material Science



31st European Congress on

Nanotechnology and Materials Engineering

October 03-04, 2020 | Paris, France
E: nanomaterials@europemeet.com
W: nanotechnology-materialscience.materialsconferences.com

4th International Conference on

Advances in 3D Printing & Modelling

April 15-16, 2020 | Amsterdam, Netherlands
E: 3dprinting@europemeet.com
W: euro3dprinting.conferenceseries.com

Nephrology and Urology



Annual Congress on

Nephrology & Hypertension

November 15-16, 2019 | Amsterdam, Netherlands
E: nephrology@europemeet.com
W: nephrologycongress.annualcongress.com

Environmental Sciences



13th International Conference on

Biofuels and Bio Energy

October 20-21, 2019 | Amsterdam, Netherlands
E: biofuels@europemeet.com
W: biofuels.conferenceseries.com

7th Global Summit on

Climate Change

November 18-19, 2020 | Lisbon, Portugal
E: climate@europemeet.com
W: climatechange.conferenceseries.com/netherlands/

Neurology



Annual Congress on

Neurology & Neuroscience

October 21-22, 2019 | Zurich, Switzerland
E: neurology@europemeet.com
W: neurosciencecongress.neurologyconference.com

International Conference on

Neurology & Mental Disorders

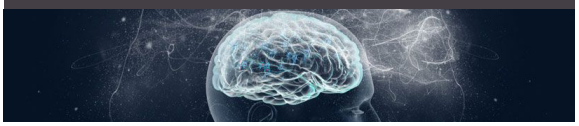
October 21-22, 2019 | Zurich, Switzerland
E: mentaldisorders@europemeet.com
W:mentaldisorders.neurologyconference.com

8th International Conference on

Brain Injury & Neuroscience

November 14-15, 2019 | Zurich, Switzerland
E: contact@europemeet.com
W: braininjury.conferenceseries.com

Neuroscience



14th International Conference on

Addictive Behavior & Dual Diagnosis

September 05-06, 2020 | Budapes, Hungary
E: contact@europemeet.com
W: dualdiagnosis.conferenceseries.com

12th World Congress onn

Dementia & Alzheimer Rehabilitation

November 14-15, 2019 | Florence, Italy
E: nursing@europemeet.com
W: dementia.psychiatryconferences.com

Nursing



32nd World Congress on

Pediatric Nursing

March 05-06, 2020| Prague, Czech Republic
E: clinicalnursing@europemeet.net
W: pediatric-nursing.nursingconference.com

27th Global Nursing and Health Care Conference

July 01-02, 2020 | Athens, Greece
E: nursingresearch@europemeet.com
W: globalnursing.nursingconference.com

Nutrition



20th International Congress on

Nutrition & Health

November 14-15, 2019 Zagreb, Croatia
E: nutrition@europemeet.com
W: health.nutritionalconference.com

2nd Annual Congress on

Nutrition & Dietetics

November 14-15, 2019 | Zagreb, Croatia
E: clinicalnutrition@europemeet.com
W: clinicalnutrition.annualcongress.com

20th International Congress on

Nutrition & Health

November 14-15, 2019 Zagreb, Croatia
E: nutrition@europemeet.com
W: health.nutritionalconference.com

Obesity



19th International Conference on

Obesity Diet and Nutrition

April 17-18, 2020 | Paris, France
E: obesitydiet@europemeet.com
W: worldobesity.conferenceseries.com

3rd World Obesity & Healthcare Congress

April 17-18, 2020 | Paris, France
E: worldobesity@europemeet.com
W: obesityconference.conferenceseries.com

Oncology



10th Euro Breast Cancer Summit

October 21- 22, 2019 Prague, Czech Republic
E: breastcancer@europemeet.com
W: eurobreastcancer.cancersummit.org

15th Global Biomarkers Summit

October 21- 22, 2019| Prague, Czech Republic
E: breastcancer@europemeet.com
W:biomarkers.global-summit.com

2nd International Conference on

Cancer Diagnosis & Treatment

October 21- 22, 2019 | Prague, Czech Republic
E: cancertreatment@europemeet.com
W: cancertreatment.cancersummit.org

2nd Euro Oncology Summit

October 03-04, 2019 | Paris, France
E: contact@europemeet.com
W: eurooncology.cancersummit.org

15th World Congress on

Blood Cancer

November 21-22, 2019 | Budapest, Hungary
E: bloodcancer@oncologyseries.com
W: bloodcancer.conferenceseries.com

Pediatrics



35th European Pediatrics Congress

July 22-23, 2020 | Florence, Italy
E: europediatrics@europemeet.com
W: europediatrics.pediatricsconferences.com

International Conference on

Pediatric Health care

June 11-12, 2020 | Amsterdam, Netherlands
E: pediatriccare@europe.com
W: pediatriccare.pediatricsconferences.com

Pathology



International Conference on

Dermatopathology

September 04-05, 2020 | Paris, France
E: dematopathology@europemeet.com
W: dermatology.pathologyconferences.com

Pediatric Patholology Conference

November 06-08, 2019 | Paris, France
E: sponsors@conferenceseries.com
W: pediatricpathology.conferenceseries.com

International Conference on

Breast Pathology and Cancer

June 24-25, 2020 | Paris, France
E: breastpathology@europemeet.com
W: breastpathology-cancer.conferenceseries.com

4th International Conference on

Gynecology and Obstetrics Pathology

April 24-25, 2020 | Zurich, Switzerland
E: gynecpathology@europemeet.com
W: gynecology-obstetrics.pathologyconferences.com

Veterinary



International Conference on

Veterinary Care

November 19-20, 2019 | Budapest, Hungary
E: catherineshaw@europemeet.com
W: veterinarycare.conferenceseries.com

Pharmaceutical Sciences



8th World congress on

Rare Diseases & Orphan Drugs

September 26-28, 2019 | Amsterdam, Netherlands
E: orphandrug@europemeet.com
W: rarediseases.annualcongress.com

2nd Annual Meet on

Pharmaceutical Oncology

October 14-15, 2019 | Amsterdam, Netherlands
E: contact@europemeet.com
W: pharmaceuticalchemistry.annualcongress.com

5th Edition of International Conference on

Polymer Science and Technology

November 03-04, 2019 | Nice, France
E: polymerscience@europemeet.com
W: polymerscience.annualcongress.com/2019

14th World Congress on

Pharmacology and Drug Safety

December 02-03, 2019 | Nice, France
E: contact@europemeet.com
W: pharmacology.annualcongress.com

15th Annual Congress on

Pharmacology & Toxicology

December 02-03, 2019 | Paris, France
E: europharmacology@europemeet.com
W: pharmacology.annualcongress.com

13th International Conference on

Biosimilars and Biologics

April 20-21, 2020 | Dubrovnik, Croatia
E: biosimilars@europemeet.com
W: biosimilars.annualcongress.com

15th International Conference and Exhibition on

Nanomedicine and Pharmaceutical Nanotechnology

April 09- 10, 2020 | Amsterdam, Netherlands
E: nanopharma@europemeet.com
W: nanotechnology.pharmaceuticalconferences.com/

12th World Congress on

Neuropharmacology

April 09-10, 2020 | Amsterdam, Netherlands
E: neuropharmacology@europemeet.com
W: neuro.pharmaceuticalconferences.com/europe

19th Annual Congress on

Pharmaceutics & Drug Delivery Systems

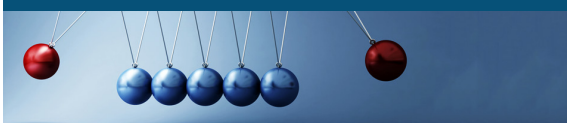
April 24-25, 2020 | Geneva, switzerland
E: pharmaceutics@europemeet.com
W: pharmaceutics.annualcongress.com

14th Annual Meet on

Euro Ethnopharmacology

May 06-07, 2020 Prague, Czech Republic
E: ethnopharmacology@europemeet.com
W: ethno.pharmaceuticalconferences.com

Physics



European Meet on

Laser, Optics & Photonics

October 18-19, 2019 | Paris, France
E: contact@europemeet.com
W: laser.conferenceseries.com

7th World Congress on

Physics

March 09-10, 2020 |Stockholm, Sweden
E: physics@europemeet.com
W: physics.physicsmeeting.com

Nursing



International Conference on

Palliative Care & Gerontology

June 28-29, 2020 | Amsterdam, Netherlands
E: Palliativecare@europemeet.com
W: https://pallativecare-gerontology.conferenceseries.com/

Psychology & Psychiatry



International Conference on

Neurology & Mental Disorders

October 07-08, 2019 | Stockholm, Sweden
E: mentaldisorders@europemeet.com
W: mentaldisorders.neurologyconference.com

International Conference on

Epilepsy And Seizure

October 21-22, 2019 | Paris, France
E: psychiatricnursing@europemeet.com
W: seizure.psychiatryconferences.com

International Conference on

European Psychologists & Psychiatrists Meeting

February 28-29, 2020 | Budapest, Hungary
E: psychiatrists@europemeet.net
W: https://psychology.psychiatryconferences.com/

4th International Conference on

Forensic Psychology & Criminology

February 10-11, 2020 | Prague, Czech Republic
E: contact@europemeet.com
W: forensic.conferenceseries.com

2nd European Autism Congress

February 28-29, 2020 | Budapest, Hungary
E: eca@europemeet.com
W: https://autism.conferenceseries.com/

International Conference on

Psychology Education, Counseling, Psychotherapy and Recovery

Aug 19-20, 2020 | Milan, Italy
E: contact@europemeet.com
W: https://psychology.annualcongress.com/call-for-abstracts.php





Joint Event on

Healthcare IT, Hematology & Cardiology

November 25-26, 2019 | Paris, France

EXHIBITOR

Robotex Ventures

ROBOTEX VENTURES PVT. LTD is a tech-oriented healthcare Start-up, and they are offering a Robotex — Electronic Health Record (EHR) platform, which is more than a digital version of a patient's paper chart. EHRs are real-time, patient-centred records that make information available instantly and securely to authorize users. While an EHR does contain the medical and treatment histories of patients, an EHR system is built to go beyond standard clinical data collected in a provider's office and can be inclusive of a broader view of a patient's care.

EHRs can:

- Contain a patient's medical history, diagnoses, medications, treatment plans, immunization dates, allergies, radiology images, and laboratory and test results.
- Allow access to evidence-based tools that providers can use to make decisions about a patient's care
- Automate and streamline provider workflow

How Robotex platform works:

- Patients install the app from the Google Play or iTunes app store.
- Records can be scanned into the app through a phone camera or uploaded from a computer.
- Physicians can receive some or all of the patient records by asking the patient to scan a QR code on the Robotex website.

In addition, to the newly launched mobile app and website, they are also operating a system for electronic health records that use a physical card and reader to store, and share information. This company is preparing for a Series B funding round. An electronic health record (EHR) is more than a digital version of a patient's paper chart.

One of the key features of Robotex EHR is that, health information can be created and managed by authorized providers in a digital format capable of being shared with other providers — such as laboratories, specialists, medical imaging facilities, pharmacies, emergency facilities, and school and workplace clinics — so, they contain information from all clinicians involved in a patient's care.

With Robotex EHRs, This organization can help build a healthier future for the nation. EHRs are real-time, patient-centric records that make information available instantly and securely to authorize users. EHR system is built to go beyond standard clinical data collected in a provider's office and can be inclusive of a broader view of a patient's care.

More information about company can be viewed on website http://www.robotexventures.com/



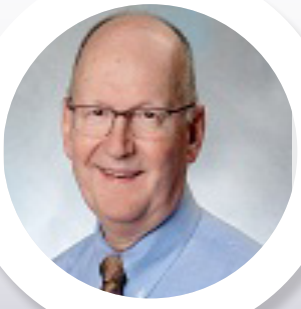
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KEYNOTE FORUM

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November 25-26, 2019 | Paris, France

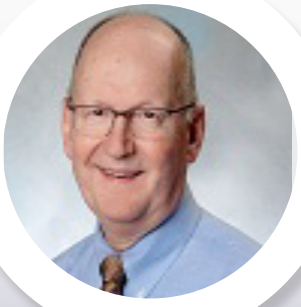


Robert N Jamison
Harvard Medical School, USA

Using mobile health (mHealth) technology to improve acute and chronic pain: Where are we now and where are we going?

There has been a rise in interest in remote monitoring of pain and use of mobile health (mHealth) technology designed to support individuals in making lifestyle changes needed to improve pain management. Consumer demand for remote assessment programs, health 'apps' and sensors has far outpaced the science needed to understand their benefits and impact. For persons with chronic pain and providers who treatment them, mobile apps and activity monitors can help encourage behavioral changes including symptom monitoring, education, reinforcement of positive behaviors, and as tools to enhance patient-provider communication. Dr. Jamison will review the literature on the use of web-based electronic pain assessment programs, smartphone pain apps, activity monitors, and telemedicine to help manage pain patients' conditions remotely and that have the potential to decrease healthcare utilization. He will detail the content, face validity, reliability, usability, expense, and technical issues associated with the use of mHealth technology. He will also present recently completed studies that highlight the role of pain apps and artificial intelligence in clinical pain centers and describe findings from studies on the effects of a remote electronic pain assessment program and use of teletherapy in pain medicine. He will illustrate how automated engagement incorporated into clinical care holds significant promise to solving problems of tracking patients remotely without disrupting clinical care. He will present how the future of healthcare and managing costs will require new approaches to engage the patient.

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Robert N Jamison
Harvard Medical School, USA

This session will help to demonstrate how leveraging existing technologies holds significant promise to maintain effective communication with patients between visits while tracking and educated patients with real world decision-making that positively impacts healthcare.

Biography

Robert Jamison is a Professor at Harvard Medical School with appointments in the Departments of Anesthesiology, Perioperative and Pain Medicine, Psychiatry, and Physical Medicine and Rehabilitation. His professional time is spent teaching and actively engaging in research. His recent research has focused on the examination of predictors of opioid abuse in chronic pain patients, patient engagement using telemedicine, and numerous clinical trials funded by the NIH and industry. He has been Research Mentor to several attending physicians and graduate students at Harvard and other Institutions. He also has assisted the coordination of clinical research within the Pain Trials Center at Brigham and Women's Hospital. He has been Principal Investigator on several NIH-funded projects. He is currently a Member of five scientific journal Editorial Boards. He has authored two books, and over 300 peer-reviewed articles, chapters, and abstracts in the areas of Innovative Technology, Behavioral Medicine and Chronic Pain. He has been active and held board positions in many regional, national, and international organizations such as the American Pain Society and the International Association for the Study of Pain. He has been the Past President of the New England Pain Association and has served on the Executive Committee and Board of Directors of the American Pain Society. He is committed to the Clinician Teacher/ Trainer Model and is a very important Figure in Clinical Research.

rjamison@bwh.harvard.edu

Joint Event on
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November 25-26, 2019 | Paris, France

Quality improvement project on optimizing hydroxycarbamide prescriptions in paediatric sickle cell disease



Kagalwala F
The Lister Hospital-East and North Hertfordshire NHS Trust, UK

Co-Authors
Wong-Spracklen V M Y and **Martinez Senosiain A**
The Lister Hospital-East and North Hertfordshire NHS Trust, UK

Hydroxycarbamide is a cytotoxic agent that blocks the ribonucleotide reductase system resulting in inhibition of DNA synthesis. By stimulating fetal haemoglobin (HbF) synthesis, hydroxycarbamide leads to reduction of HbS concentration which in turn reduces HbS polymerization. Hydroxycarbamide is recommended for prevention of vaso-occlusive disease. Its use in children with sickle cell anaemia is on the increase. However, given its narrow therapeutic index and increased patient variability in dose responsiveness, close monitoring and careful dose titration is required, as overdosing can lead to myelosuppression. Conversely, underdosing would lead to missed opportunity to optimize medication efficacy in reducing further sickling. The main focus of our quality improvement project was to introduce a reliable, sustainable method of monitoring blood results to facilitate decision-making by the paediatric consultant with haematology expertise with regards to hydroxycarbamide dose adjustment. Our study includes the following findings: Out of the 33 HbSS patients on our register, 15 were on hydroxycarbamide. Eight out of 15 patients were male (53.3%), 7 (46.7%) were female. Mean age of sickle cell patients on hydroxycarbamide at 1st March 2019 was 10.9 years. Mean age of patients when hydroxycarbamide was commenced was 7.4 years. In terms of formulation of hydroxycarbamide, 10 (67%) patients received capsules while 5 (33%) received liquid formulation. The average duration of each dispensed formulation was 9.7 weeks. The average dose of hydroxycarbamide as of 1st March 2019 was 21 mg/kg/d (median 17 mg/kg/d). As a result of this QI project, there was an observable 75% increase in frequency of testing post-introduction of this new monitoring system from four times to seven times per year.

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Kagalwala F
The Lister Hospital-East and North Hertfordshire NHS Trust, UK

This is suggestive of better compliance to monitoring, allowing better dose optimization. Prior to the new hydroxycarbamide prescribing chart, the frequency of outpatient monitoring had been less, possibly due to more difficulty keeping track of patients, previous test results and dose adjustments. Analysis of emergency department (ED) attendance data had shown a decline in presentation of acute sickle crisis in the last six months. Through peer communication, an increased uptake of this medication was observed in this cohort. Consequently, our district general hospital paediatric department has seen a substantial rise in the number of children on hydroxycarbamide managed within the region. There have been no reported prescription errors since introduction of the new charts. In conclusion, this new prescribing chart had improved patient safety via a well-regulated, double-gated surveillance system (pharmacist-clinician). Improved patient monitoring had maximized the drug efficacy and enhanced quality of life of these children with reduced hospital presentation from painful crisis.

Biography

Kagalwala is Consultant Paediatrician specialising in haematology, based in the Lister Hospital. She is the paediatric haematology lead in the East and North Hertfordshire Trust, overseeing patients with benign and malignant haematology conditions.

fatima.kagalwala@nhs.net





Joint Event on

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SCIENTIFIC TRACKS & ABSTRACTS

DAY 01

Sessions:

DAY- 1 November 25, 2019

Blood Transfusion | Cardiovascular Diseases | Remote Patient Monitoring | e-Health | Heart Failure | Haematology and Pharma Industry

Session Chair:

Kagalwala F

The Lister Hospital-East and North Hertfordshire NHS Trust, UK

Session Introduction

Title: **An audit of compliance with the British Society for Haematology (BSH) guideline on red cell transfusion in sickle cell disease (SCD)-Part II: Indications for transfusion**

Gihan Nabil Mahmoud, Prince Sultan Oncology Center, Saudi Arabia

Title: **Artificial intelligence and telerehabilitation of patients with injuries of the lower extremities**

Andriy Hospodarskyy, Ternopil Medical University, Ukraine

Title: **Malondialdehyde modified human serum albumin and induced pro-inflammatory T-cell activation in atheroscleortic palques**

Mizanur Rahman, Karolinska Institute, Sweden

Title: **Report of wasted blood products at blood transfusion centre, Faculty of Medicine, Khon Kaen University, Thailand**

Uthenas Larseang, Khon Kaen University, Thailand

Title: **Pepitometro: Virtual page to combat childhood obesity and overweight**

Donovan Casas Patino, Autonomous University of the State of Mexico, Mexico

Title: **Rehabilitation of patients with injuries of the elbow joint of the upper extremities by telemedicine and artificial intelligence technology**

Andriy Tsvyakh, Ternopil Medical University, Ukraine

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An audit of compliance with the British Society for Haematology (BSH) guideline on red cell transfusion in sickle cell disease (SCD)-Part II: Indications for transfusion



Gihan Nabil Mahmoud[1,2]
[1]Prince Sultan Oncology Center, Saudi Arabia
[2]King Salman Armed Forces Hospital, Saudi Arabia

Introduction: Sickle cell disease (SCD) is a recessively inherited hemolytic anemia with a wide spectrum of complications. Red cell transfusion in SCD has certain indications aiming to increase tissue delivery of oxygen since HbS is known to be a low affinity Hb and so delivers oxygen at a lower partial pressure of oxygen compared to HbA. Red cell transfusion can be a lifesaving treatment for patients with SCD so compliance with its indications is the responsibility of the medical team as well as the caregivers to ensure the best quality of care is given to this entity of patients. The British Society of Hematology (BSH) has published guidance on the indications for red cell transfusion in SCD. This audit will review compliance with some of the level 1 recommendations made.

Methods: This is a retrospective review of patients with sickle cell disease who are following in King Salman Armed Forces Hospital. The target population was children with SCD had age range of one to 15 years. Indications of red cell transfusion were tracked in the patients who attended for follow up during January and February 2019, in order to audit a compliance with the recommended guidelines on red cell transfusion in patients with SCD as advised by the BSH. Results and percentages of the descriptive analysis of the data are presented in tabulated and graphical form.

Results: The data of 50 consecutive patients (30 males and 20 females) with SCD who have attended the hospital in January and February 2019 were collected. Sixty percent and 44% compliance were met in patients who need primary and secondary prevention of stroke, respectively, and who are in need to achieve a HBS level of less<30% using transfusion/exchange program. Other identified patients with acute complications and pre-operative requirements met the BSH guidance with 100% compliance rate. A re-audit was performed in July 2019, after setting a bundle of recommendations. There was full compliance in all chosen standards following the required modification.

Conclusion: Regular auditing is beneficial in detecting the reasons behind incompliance to the standards, finding ways to solve them and overcome the obstacles that could jeopardize the patient care.

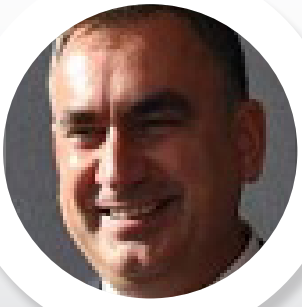
Biography

Gihan Nabil Mahmoud has completed her PhD in Benign and Malignant Haematology from Alexandria University in Egypt. Currently, she is the Director of Paediatric Haematology/ Oncology section in Prince Sultan Oncology Center in Tabuk, Saudi Arabia.

drgihanmahmoud@gmail.com

Joint Event on
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November 25-26, 2019 | Paris, France

Artificial intelligence and telerehabilitation of patients with injuries of the lower extremities



Andriy Hospodarsky
Ternopil Medical University, Ukraine

Co-Author
Andriy Tsvyakh
Ternopil Medical University, Ukraine

The continuous development of technology that paves the way towards the expansion of connections through the internet and the growth of the capacity to process data have created greater possibilities of the development of telemedicine. The increase of telemedicine has shown the rise of possible artificial intelligence (AI) application. The overarching theme of this paper is to discuss implementation of the telemedicine technology with machine learning algorithm for rehabilitation of patients with injuries of the lower extremities. A total of 148 subjects with lower extremity injuries were enrolled in the study. Fifty two patients from the control group underwent traditional rehabilitation procedures. A total of 96 subjects were enrolled in the telerehabilitation group. Home remote monitoring for the 96 test subjects included use of a prototype device with axis-sensor, temperature and volume sensor, which were fixed to the injured limb. Software with machine learning was developed in the Ternopil Medical University and permits the monitoring of exercise time, local temperature, the frequency of active movements of the injured limb with algorithm of machine learning. Based on the patient's individual condition and machine learning algorithm, the rehabilitation doctor created an individualized rehabilitation plan for each subject, containing an activity plan. Patient satisfaction was higher for the telerehabilitation with machine learning algorithm (78.3%, SD:12.6) than for the traditional rehabilitation (36.7%, SD:7.3). The telerehabilitation system with machine learning algorithm can be used in complex rehabilitation of patients with injuries of the lower extremities.

Biography

Andriy Hospodarskyy has completed his PhD from Ternopil Medical University and Postdoctoral studies from Lviv Medical University. He is the Associate Professor of General Surgery Department, and has published more than 90 papers in reputed journals. He is a Co-author of two books on Surgery for Medical Student, and he was invited as a speaker of several International Congresses of American Telemedicine Association.

Joint Event on
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Malondialdehyde modified human serum albumin and induced pro-inflammatory T-cell activation in atheroscleortic palques



Mizanur Rahman
Karolinska Institute, Sweden

Co-Authors
Johnny Steuer, Peter Gillgren, AkosVegvari, Anquan Liu and **Johan Frostegard**
Karolinska Institute, Sweden

In atherosclerotic plaques, immune cells especially dendritic cells (DCs), T-cells and M1 macrophages are abundant. These cells when activated could play an important role in plaque rupture and thus, cardiovascular disease (CVD). T-cells in atherosclerotic plaques can be activated in response to oxidized low density lipoprotein (OxLDL) but role of different components including malondialdehyde (MDA) in OxLDL is not clear, though MDA, which forms adduct with proteins, is implicated. Here, we study MDA conjugated with human serum albumin (MDA-HSA). DCs, differentiated from human monocytes were stimulated with MDA-HSA and co-cultured with autologous T-cells from human blood or atherosclerotic plaques or T cells were stimulated directly with MDA-HSA. In addition, monocytes or macrophages were also stimulated with MDA-HSA. MDA-HSA-stimulated-DC induced activation of pro-inflammatory T-cell as determined by FAC Scan, intracellular or extracellular cytokine as well as transcription factors. Direct effect of MDA-HSA on T cells was pronounced. The DCs mediated but not the direct activation was T-cell receptor dependent. MDA-HSA induced expression of TLR2 & TLR4, and induced activation of inflammatory pathway mitogen-activated protein kinase. Either anti-MDA antibodies or an inhibitor of mitochondrial reactive oxygen species (ROS) affected MDA-HSA induced activation of T-cells. MDA modified peptide sequences of HSA in vitro were similar to MDA modified peptide sequences was observed in atherosclerotic patients' plasma. Monocyte or macrophages differentiated into pathogenic macrophages in response to MDAHSA. MDA-HSA could play a role in promoting plaque rupture. Anti-MDA antibodies or ROS inhibitor could be potential candidate to reduce plaques inflammation and thus, instability.

Biography

Mizanur Rahman has completed MSc in Biotechnology from The Royal Institue of Technology, Stockholm, Sweden and MSc in Molecular life science from Stockholm University, Stockholm, Sweden. At present he is a PhD student at Karolinska Institutet, Sweden. Since several years he is working on cardiovascular diseases and he has important findings on this area.

mizanur.rahman@ki.se

Joint Event on
Healthcare IT, Hematology and Cardiology
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Report of wasted blood products at blood transfusion centre, Faculty of Medicine, Khon Kaen University, Thailand



Uthenas Larseang
Khon Kaen University, Thailand

Co-Authors
Jongkol Akkahat, Nuanchan Mungkhunkhamchaw, Thipaporn Jaroonsirimaneekul and **Kutcharin Phunikom**
Khon Kaen University, Thailand

Introduction: Cost-effective transfusion services have to be considered seriously. One of these services is expired blood product waste or the discard rate from abnormal appearance such as breakage of blood components bag which is under or lower whole blood volume collection. Wasted blood components result in significant losing of the budget. The problems should be analyzed and warned.

Objective: To determine the factors involved in blood product waste at Srinagarind Hospital (tertiary care institute), Faculty of Medicine, Khon Kaen University, Thailand.

Method: Discard blood components were strictly reported in 2017 and the frequency was analyzed for in each cause.

Result: Red cells concentrates expired rate in 2015 - 2017 were 4.8%, 4.3% and 5.6%, respectively. Total of whole blood (WB) collection in 2017 was 30,010 units while WB collection out of standard volume was 486 units (1.6%), the breakage blood bag between blood components preparation was 169 units (0.6%) and buffy coat discard from platelet preparation recorded as 1,133 units (3.8%).

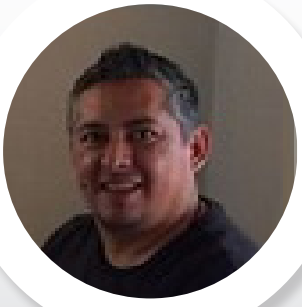
Conclusion: Red cells concentrate expired rate was close to maximum limit (5.0%), normally blood components discard WB collection to standard volume, the procedure in blood components breakage has to re-consider because all discards are leading to cost effective.

Biography

Uthenas Larsaeng has completed his Certificate of Medical Science from Khon Kaen University, Thailand. He is a specialist in Blood Transfusion Sciences at Blood Transfusion Centre, Faculty of Medicine, Khon Kaen University, Thailand.

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Joint Event on
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Pepitometro: Virtual page to combat childhood obesity and overweight

Mexico occupies the first place worldwide in childhood overweight and obesity (OySP), in this context there have been multiple proposals to combat OySP, from invasive clinical models to food policies such as food labeling and calorie reduction in food, and even thus, the problem of OySP is increasing, so we devised a virtual page proposal which, through translation of the knowledge of experts in the area under study, we propose the creation of the pepitometer, which functions as the diffuser instrument of the knowledge of styles of healthy life in this age group, through two parameters scientific awareness of knowledge translation and availability of information, this makes in children behavioral appropriation towards healthy lifestyles through the promotion of these contents in the family nucleus. It is worth mentioning that this page was piloted in a group of 300 children between eight and 12 years old, of which 69% on admission to the page presented OySP, 7% malnutrition and 24% normal weight, in a period of two months 6,000 visits were registered by registered users, the most visited portals, menu of the week (30%), pepitometer function (30%), physical activity (20%) and games (20%), at the end of the cross section after two months, we found 77% of OySP, 6% malnutrition and 17% normal weight this in registered users, this shows that the trend remains static, in two dichotomous slopes of the country, OySP and malnutrition, this page pepitometer, It is a tool that can be very useful for monitoring and combating these global pandemics, which depend on social nutrition.

Biography

Donovan Casas Patiño is a Doctor, Family Medicine Specialist. He has completed his Master's degree in Population and Health, Doctor in Collective Health, has completed his Postdoctoral in Social Anthropology, Medical Anthropology and Politics and Health. He is a Professor at the Autonomous University of the State of Mexico and the Intercultural University of the State of Mexico. Lines of academic activity: Collective Health.

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Rehabilitation of patients with injuries of the elbow joint of the upper extremities by telemedicine and artificial intelligence technology



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The international orthopedic community aims to achieve the best possible outcome for patient care by modifying rehabilitation methods and using telemedicine technology. The use of artificial intelligence (AI) has a major role in the implementation of telemedicine technology. The aim of this article is to discuss the integration of telemedicine technology with machine learning algorithm in the rehabilitation of patients with injuries of the upper extremities. A total of 84 subjects with upper extremity elbow joint injuries were enrolled in the study. Forty eight patients from the control group underwent traditional rehabilitation procedures. A total of 36 subjects were enrolled in the telerehabilitation group. Home remote monitoring for the 36 test subjects included use of a prototype device with axis-sensor, temperature and volume sensors, which were fixed to the injured limb. Software with machine learning permits the monitoring of exercise time, local temperature, the frequency of active movements of the injured limb with algorithm of machine learning. Based on the patient's individual condition and machine learning algorithm, the rehabilitation doctor created an individualized rehabilitation plan for each subject. During telerehabilitation doctor use significantly less time to consult patients (2.3 min–0.4) than the traditional rehabilitation (12.6 min–2.9). Patient satisfaction was higher for the telerehabilitation (83.1%–14.2) than for traditional rehabilitation (33.1%–8.9). Subjects reported a higher satisfaction with telerehabilitation with machine learning algorithm. The telerehabilitation systems with machine learning algorithm improve the quality of life in this group of patients and significantly reduce the cost of the rehabilitation period.

Biography

Andriy Tsvyakh has completed his PhD from the Ternopil Medical University and Doctor of Science degree from Ternopil Medical University. He is the Chief of Traumatology and Orthopaedic Department. He has published more than 45 papers in reputed journals, is a Co-author of one book on Traumatology for Medical Student. He was invited as a speaker of several International Congresses of American Telemedicine Association.

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POSTER PRESENTATION

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An unusual case of non-resolving cellulits with underlying deep venous thrombosis



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A 50 year-old lady presented to emergency room with worsening right upper arm swelling, pain and intermittant fever for one month, examination and workup revealing cellulitis along with deep venous thrombosis (DVT) of right brachial vein, hence started on enoxaparin and antibotics. With no resolution of symptoms even after escalation of antibiotics magnetic resonance imaging of right shoulder and arm was done showing swelling and subcutaneous inflammatory changes in deltoid, biceps and triceps and an abnormal signal area with negative contrast enhancement in deltoid prompting a trucut biopsy along with Positron emission tomography scan which showed massive hypermetabolic soft tissue lesion involving the right shoulder, scapula and proximal two third of arm with additonal deposits in spleen, left kidney, pancreas and marrow deposits in axial and appendicular skeleton. Histopathology confirmed diagnosis of Primary skeletal muscle Diffuse large B-cell lymphoma (DLBCL) and aggressive treatment was initiated wih R-EPOCH regimen however she expired within a week of the first cycle of chemotherapy. Primary skeletal muscle lymphomas are exceptionally rare accounting for only 0.5% of extranodal lymphomas which themselves constitute only around 20-30% of all Non-Hodgkin lymphomas. The most commonly involved sites are lower extremities, pelvis and gluteal muscles, with only seven reported cases in the upper extremity and only one with an initial finding of DVT. This case shows that although primary skeletal muscle lymphomas are rare, they should be kept in consideration where symptoms are non-resolving as delay can result in poor outcomes.

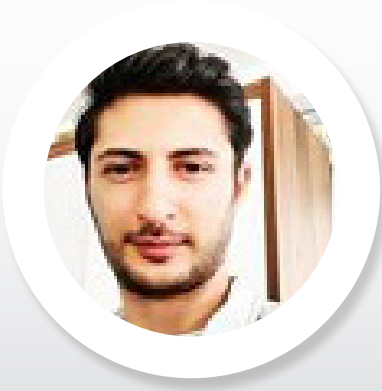
Biography

Saad Bin Zafar Mahmood has completed his MBBS (Bachelor of Medicine and Bachelor of Surgery) from Ziauddin University, Pakistan. He is currently pursuing his Post-grauate Resident in the Department of Internal Medicine at Aga Khan University Hospital, Pakistan. He has interest in acute medicine, hematology, infectious disease and endocrinology. He is involved in various research and academic projects at the University.

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Artificial intelligence clustering for finding indirect drug competitions based on RxNorm Terminology



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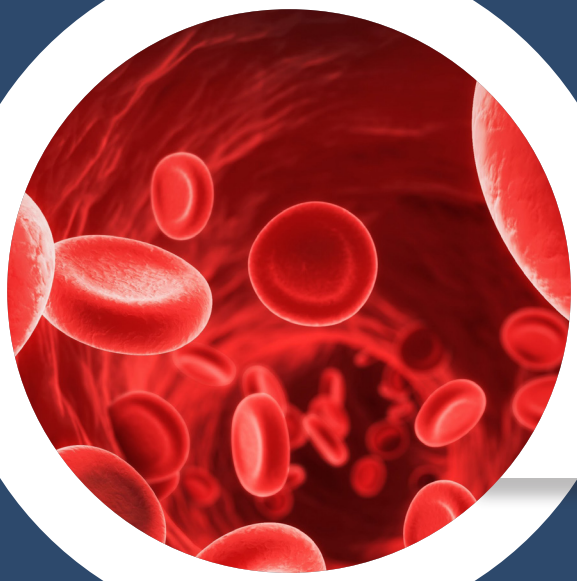
Artificial intelligence clustering for finding indirect drug competitions based on RxNorm terminology: market analysis seeks to understand the dynamics of markets, with the goal of informing business strategies and drug pipeline. Analysis of the current and potential future markets for drugs to treat particular diseases is used by pharmaceutical companies in decisions about where to invest in drug research and development. The first step to realizing the market is finding the drug rivals. We define two kind of rivalry between drugs, direct and indirect. The indirect drug rivals does not have a same generic but in a prescription they can be written instead of each other by physician, for a same disease and same level of care. In our analysis we selected a group of oncology drugs from RxNorm (version: 05-Aug-2019) and used the neural network clustering method and indication, Anatomical Therapeutic Chemical (ATC) levels and physiologic effects as features for finding the rivals. All iterations of results shared with five oncologists. We found the groups of drugs with different generic name, but same role in drug market competition. However, cause of missing data in RxTerm this method cannot be executed for all drugs.

Biography

Nima has graduated from Amirkabir University of Technology in field of Biomedical Engineering. He is the senior Business Analyst and Healthcare Terminologist of Emr Project and Clinical trials in Zist Orchid Pharmed Company. He is the director of 3 books in business domain. He has more than 5 patents in iran, honored as a selective inventor by 17th Khwarizmi festival and has been serving as a mentor in 2 innovation events.

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E-POSTER

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Haematological and histopathological indices of stinging catfish, *Heteropneustes fossilis* as an indicator of integrated biomarker response (IBR) of fertilizer industry effluent

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Industrial effluents reaching to the aquatic ecosystem is one of the major causes behind environmental pollution. The aim of the present study is to assess the impact of fertilizer industry effluent in the stinging catfish, Heteropneustes fossilis, the most common edible fish, and were exposed to treated and various concentrations of untreated effluent i.e. 1/15th, 1/10th and 1/5th of LC50 for 96 h along with control. After exposure, fish were sacrificed then blood (for hematological parameters viz., TLC, DLC, %LC, %Hb, MCV, MCH and MCHC) and various tissues (gills, liver and kidney) were collected for analysis of histopathological studies by standard counter staining (hematoxylin and eosin) methods was studied as an approach for integrated biomarker response (IBR). Significant ($p<0.05$) decrease in RBC, Haematocrit, %Hb, MCHC levels were noted however, there was a sharp increase in TLC and neutrophil number. Alteration in the structure of Gills (swollen lamellae, fusion of secondary lamellae and aggregation of infiltrating cells), Liver (occurrence of melanomacrophage centre; sign of increase in WBCs, loss of hepatocytes and vacuolization) and kidney (dilation of glomerular structure, deposition of haemosiderin – a golden brown pigment; sign of deposition of iron in RBCs and vacuolization) were observed. The results showed that industrial effluent contains potent histoarchitectural and physiological inducing alterations creating contaminants which affect the well-being of aquatic organisms like fishes.

Biography

Upma Singh has completed her Post-graduation from Allahabad University and persuing her PhD from Central University of Allahabad, Uttar Pradesh, India. She has published more than six abstracts in national and international conferences and has published her papers in reputed journals.

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Ruptured dilated right coronary sinus of valsalva with ventricular septal defect

Ventricular septal defects account for 10% of congenital heart diseases in adults. They can either occur alone, or in combination with other cardiac anomalies. Ventricular septal defects, and more commonly aortic valve regurgitation and bicuspid aortic valve, are frequently associated with ruptured sinus of Valsalva aneurysms. Rupture of the aneurysm is the most common complication, which commonly protrude and rupture into the right ventricle or right atrium. We present the case of a 27-year old male who was admitted because of lightheadedness and dizziness. The patient had a history of a heart murmur since childhood and was diagnosed with a congenital heart disease. 2D-echocardiography with Doppler studies revealed a dilated right coronary sinus of Valsalva with rupture into the right ventricular outflow tract.

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ACCEPTED ABSTRACTS

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Factors affecting ferritin level in children of six to 59 months in the Eastern Region of Cameroon

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Ferritin is the principal storage protein for iron in tissues and is involved in its uptake, accumulation and release in cells. An only minute amount of ferritin are present in plasma but in health ferritin reflects total iron storage and is also the first laboratory index to decline with iron deficiency. It may be less accurate in children with infectious or inflammatory conditions as an acute phase reactant. Considering the fact that Cameroonian children live in such context, our objective was to study factors affecting ferritin level. A cross sectional study was carried out in children of six to 59 months attending the Bertoua Regional Hospital. Data were collected and blood distributed in EDTA and dry tubes for full blood count, CRP and ferritin analysis. Obtained data were analysed using SPSS 20.0. One hundred thirty children were included with a mean age of 27.4 months; the mean hemoglobin was 10.46 g/dl. Ferritin as preconized by WHO for the diagnosis of iron deficiency anaemia, was below 30 µg/l in 3.84% (5) independently of anaemic status; inflammation tested by CRP occurred in 37.7% (49) children. When the ferritin cut-off value was shifted to 50 µg/l and ferritin was low in 9. 2% (12) thus, approaching the stated frequency of iron deficiency by Engle and al, 2013. Mean ferritin level was 343.9 µg/l; relatively high level showing that iron storage seems to remain intact in most children despite anaemic or inflammatory status; the cut-off value for iron deficiency in children should be increased to prevent severe iron deficiency anaemia.

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Residual level of pesticides in vegetables and related health problems in farmers

Azra khan, J P Srivastava and **Dipak Kumar Bose**
Sam Higginbottom University of Agriculture, Technology and Sciences, India

The present study was conducted in the Jasra Block of Prayagraj District. To determine the level of residue of pesticides in vegetable; A sample of five vegetables i.e., egg-plant, ladyfinger, tomato, chilli, cabbage was selected purposively for the present study. The samples were collected from the field of farmers from the selected village of Jasra Block in Prayagraj District. To determine the pesticide residual level present in the vegetable samples we used (GC MS) gas chromatography mass spectrometry technique. Assessing the health risk due to the daily consumption of contaminated vegetables in the prominent farming community of Jasra Block of Allahabad District, five vegetable samples egg-plant, lady finger, tomato, chili, cabbage, were contaminated with pesticide residues, exceeding the maximum residue level (MRL) recommended by FSSAI, FAO/WHO. Samples were contaminated with organophosphorus less monocrotophos ranging from (0.000-0.210), carbonate, carbaryl ranging from (0.000-0.020), chlorpyriphos ranging from (0.000-1.001), dichlorvos (0.000-0.010) and malathion (0.000-0.100) which leads to acute diseases like respiratory tract infection, extreme weakness, and longer use pesticides exposure leads to chronic diseases like asthma, anxiety, depression, cancer, leukaemia, allergies, nausea, vomiting, headache etc. This is the high time to minimize the risk of diseases, for policy making and farmer protection standard and to improve health safety, with basic research on public perception on risk assessment and analysis would be useful in promoting widespread acceptance and adaption. Role for the public sector in research, product development, product testing and registration, implementation of pesticide use strategies, and public education about pesticides.

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How committed is your organization to mitigate cyber threats

Dave Chatterjee
The University of Georgia, USA

Protecting organizational assets from cyber security attacks is a cost of doing business today. As attacks get sophisticated and innovative, firms are being compelled to pay attention and formulate and implement appropriate information security strategies. While some organizations are thorough and deliberate in their approach, others are willing to take their chances and stumble and fumble in their actions and reactions to cyberattacks. Since there is no guaranteed immunity from such threats and attacks, senior leadership are often at crossroads when it comes to making cyber investments. During a top management meeting at a major healthcare organization, the chief executive officer (CEO) encouraged the leadership team to focus on the mission of providing quality care, and not waste time, money, and effort to try and bullet proof the organization from potential attacks. Another senior leader felt the need to be attacked as that is how they would learn about the organization's vulnerabilities. There are many guidelines, frameworks and playbooks to help firms develop robust security plans. A variety of tools and technologies are also available to provide different types and forms of protection. So, there is a lot of help out there, the question is: what is the extent of willingness and motivation to get the help? The proverbial saying, "you can lead a horse to water but you can't make him drink," captures the current state of adoption and assimilation of recommended information security guidelines and best practices. There has to be an organization wide buy-in (led by top management) on the need and significance of developing security competencies and the culture must be suitably transformed to ensure effective and consistent execution of the security plan. No amount of planning or documentation will be of any help unless there is a commitment and willingness on the part of each organizational member to execute. Thus, the battle or war against current and future cyber threats must be fought holistically and comprehensively by bringing about people, process, and technology related changes. Drawing upon ongoing research, corporate workshops, conference presentations, and webinars, author share findings and recommendations that hopefully will enable organizations make a thorough and realistic assessment of cyber security preparedness maturity level and lead to positive and transformational changes. The overall goal is to encourage, and aid organizations take a proactive, deliberate, and conscientious stand on cyber security.

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Paroxysmal nocturnal hemoglobinuria in a young filipino female

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Introduction: Paroxysmal nocturnal hemoglobinuria (PNH), a rare benign disorder of the hematopoietic stem cells, is often underdiagnosed. The incidence is about five cases per million inhabitants in a year. There are only 1,610 patients reported in the International PNH Registry to date. In this report, we describe a case of PNH in the Philippines.

Case Report: A 20-year-old Filipino female presented to the emergency department with abdominal pain. No other symptoms were noted. She was otherwise previously healthy. Family history was unremarkable. During physical exam, she was noted to be pale and have significant epigastric pain. Laboratory tests revealed macrocytic normochromic anemia with mild anisocytosis and increased reticulocytes suspicious for hemolytic anemia. The indirect Coombs test was negative, excluding an autoimmune hemolytic anemia. There was a note of indirect hyperbilirubinemia, elevated LDH while PT, PTT were within normal range. An abdominal ultrasound revealed no abnormalities. Eventually, she was referred to a hematologist. Flow cytometry was ordered which showed a PNH clone of 39.63% in RBC, 96.3% in granulocytes and 85.10% in monocytes using the reagent FLAER, CD45, CD55 and CD59. Thereafter, the diagnosis of PNH was made. She received blood transfusion and hematinics during admission.

Conclusion: This report aims to raise awareness on the combination of unexplained abdominal pain, Coombs negative hemolytic anemia, indirect hemoglobinuria and elevated LDH levels to suspect a diagnosis of PNH.

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Safety of online digital pharmacy providers: A review analysis across the United Kingdom and France

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Harvard University T-Chan School of Public Health, UK

Online pharmacies enabled consumers to obtain prescription medications with a click of a button. While some countries such as UK and US are trying to regulate these providers, France decided to ban them. A systematic review was carried out to assess the level of safety and effectiveness of these online providers in the UK, and France. Electronic searches were conducted to identify active legal and illegal providers in these two countries. Multiple databases were searched including: PubMed, Care Quality Commission online database, General Pharmaceutical Council, and DREES (des données de la Direction de la recherche, des études, de l'évaluation et des statistiques (DREES). The results indicated that 56 online providers were identified as active in the UK and an additional three were illegally serving the French market. The initial analysis revealed that 15 of these online providers were found unsafe. Our analysis suggests that existing regulations should be revised; ongoing frequent inspection is to be advised and stricter control measures should be implemented to ensure the delivery of safe and effective services. Providers offering high quality and safe services should be further promoted and rewarded.

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Feasibility, safety, and effectiveness of a novel mobile application in cardiac rehabilitation

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[2]Sheba Medical Center, Tel HaShomer, Israel
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Introduction: In a pilot study, we assessed the feasibility, safety, and effectiveness of a cardiac rehabilitation program, using a combination of mobile application and multidisciplinary caregiver control center. We also evaluated clinical and physiological outcomes as well as adherence to the exercise program in patients with low cardiovascular risk.

Methods: A total of 22 patients with established coronary artery disease participated in a six-month tele-cardiac rehabilitation (tele-CR) program. Datos Health, a novel digital health application and care-team dashboard, was used for remote monitoring, communication and management of the patient.

Results: Following the six-month tele-CR intervention, there was a significant improvement in exercise capacity, assessed by estimated metabolic equivalents (METS). High-density lipoproteins (HDL) levels significantly improved, whereas low-density lipoproteins (LDL), triglyceride (TG) glycosylated hemoglobin (HbA1c), systolic (SBP) and diastolic (DBP) blood pressures levels were not significantly changed. Exercise adherence was consistent among patients, with more than 63% of patents who participated in a program of moderately intense exercise for 150 minutes per week.

Conclusion: Patients who participated in tele-CR adhere well to the exercise program and attained good functional improvement. Tele-CR program is a viable option for populations that cannot, or elect not to participate in center based tele-CR programs.

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The importance of end-user involvement in decision-making: PACS quality in Saudi Arabia

Ismaeel Almakrami
Ministry of Health, Saudi Arabia

The lack of end-user participation in project development and implementation has been shown to be a major factor in project failure. This is of importance in Saudi health care where there has been a large investment in health information technology. One such technology is picture archiving and communication systems (PACS) which should be understood as a network of devices and software working together simultaneously. PACS captures images, stores them, shares them, and makes them available for retrieval in different locations. The major users of PACS are radiologists whose role in health care is to interpret the images and assist physicians making diagnosis and decisions. This paper reports a study in which radiologists in Riyadh, Saudi Arabia, were first asked to define quality criteria of PACS, using five focus groups. These criteria, together with criteria identified in the literature, were then used as the basis for a survey by questionnaire of 240 radiologists from 15 hospitals representing the five major sectors of health care in Saudi Arabia. In the survey, radiologists divided the criteria into "basic", "performance", and "delight", following the Kano model of end-user expectations. Quality can refer to system quality, information quality, and service quality, according to the DeLone & McLean model, and in this survey radiologists attached particular importance to quality criteria relating to service quality, rather than system quality and information quality. It also showed that radiologists were not satisfied with the extent of their participation in the selection and implementation of PACS. Whilst, satisfied that system criteria were met, they were less satisfied that service quality criteria had been met. They also judged that their productivity and job satisfaction were higher where their participation had been higher.

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Left atrial cyst in a young filipino adult, an unusual presentation of mitral valve prolapse: A therapeutic challenge

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Introduction: A 20 year-old male previously asymptomatic came in with a year's history of heart failure symptoms. On PE a MR murmur was heard at the apex. ECG showed sinus tachycardia, LA abnormality and LVH. CXR showed cardiomegaly with congestion. The initial impression was VHD probably rheumatic with MR versus viral myocarditis. An initial echocardiogram showed an unusual cystic mass in the left atrium. Literature search reported only 10 cases of blood cysts similar to the initial echocardiographic finding among young adults one. A more detailed review of the echocardiogram unmasked MVP causing severe MR as the etiology of the apparent cystic mass. Unfortunately the patient resorted to alternative medicine because of repeated admissions without significant improvement, notwithstanding; this is clearly correctible with surgery.

Case Description: It is important for clinicians to discern the predominant hemodynamic effect of the mass. An LA mass more commonly due to myxoma has an obstructive physiology and needs to be resected. On the other hand, thrombus formation needs to be anticoagulated.

Discussion: This rare 'cystic mass' presents a medical dilemma because of varying etiology; hence, different approach to the management. A meticulous 2D echo still may remain to be a useful tool in unusual cystic masses. In our case, knowing that primary pathology is the MR rather than an MS physiology makes treatment unequivocal.

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Audit on immediate management of intracranial haemorrhage on anticoagulation

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Introduction: Intracerebral haemorrhage (ICH) is the most devastating and disabling type of stroke. ICH affects >1 million people annually worldwide. However recent advances in neuroimaging, organized stroke care, dedicated Neuro-ICUs, early airway protection, control of malignant HTN, urgent reversal of coagulopathy and surgical intervention have improved the management of ICH.

Aim: The main aim of this study is to overview the underlying aetiology for ICH, to review the appropriate use of current guidelines for management of ICH in general and specifically of those on anticoagulation.

Methods: All the patients presented with ICH from January 2017 to October 2018 were included in the audit. Data collected from the charts and divided into different categories according to underlying aetiology and different forms of anticoagulation and management.

Results: The results indicated that the 27 patients presented with ICH to STGH from January 2017 to October 2018. Fourteen were males and 13 females, 21 had HTN as underlying aetiology, four were on warfarin for AFib, one was on rivoroxaban for AFib and one was on Innohep for DVT with active cancer. After securing airway, breathing and circulation, bloods were sent for FBC, urea and electrolytes and coagulation profile. Following CT brain urgent neurosurgical and haematology advice was sought. None of the patients were suitable for neurosurgical intervention. For those with ICH secondary to HTN, intravenous labetalol was started and target systolic blood pressure was maintained around <140. For others who were on anticoagulation, it was held; 10 mg of Vitamin k was given to all the patients with INR>1.4 and who were on warfarin. One of the patients also received 1 unit of prothrombin complex concentrate in addition. For ICH on DOAC, anticoagulant was held, and 1 unit of prothrombin complex concentrate was given as per the advice from haematology. For ICH on Tinzaparin, it was stopped. Close monitoring was done by regular FBC and coagulation profile.

Conclusion: It was evident from the audit that all the patients who presented with ICH to STGH were managed efficiently and in a timely manner. Immediate neurosurgical and haematology opinion was sought and as per advice patients were managed effectively with good outcome.

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Omental adipose removal decreases high blood pressure in hypertensive patients independent of body mass index

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Omental adipose removal decreases high blood pressure in hypertensive patients independent of body mass index: It is a multicenter, prospective cohort clinical study. One hundred and thirty-three patients with gastric or gynecological cancer were divided into three groups: non-hypertensive and omentum removed (NH&OR), hypertensive and omentum removed (H&OR), and hypertensive and omentum present (H&OP). The patients were followed up in sitting blood pressure (SBP), changes in related body mass index and metabolic indices. The time points of the two follow-up visits were one month ±7 days after the operation before the start of chemotherapy and the endpoint of 8±1 month. H&OR group showed significant reductions in SSBP and SDBP at 1-m (-16.94/-10.50 mmHg, both $P<0.001$) and 8-m endpoint (-16.00/-5.50 mmHg, $P<0.001$ and $P=0.004$). Little reductions were observed with BMI of patients in three groups (H&OR group: 24.60 kg/m^2 to 23.57 kg/m^2, NH&OR group: 23.45 kg/m^2 to 23.25 kg/m^2, H&OP group: 25.74 kg/m^2 to 25.24 kg/m^2, all $P>0.05$). No correlation was found between baseline BMI and 8-m change of SSBP and SDBP in H&OR groups. In both groups, triglyceride levels were significantly increased at 1-m after surgery (NH&OR 0.32 mmol/L, $P=0.006$; H&OR 0.40 mmol/L, $P=0.010$). Resection of omental adipose tissue represents an impact for reducing SSBP and SDBP at eight months in hypertensive patients, even in the non-obese hypertensive population.

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Establishment of pediatric bone marrow transplant unit in public sector hospital, a dream accomplished

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Bone marrow transplant is a highly sophisticated procedure and the curative treatment of many hematological, immunological, metabolic and oncological conditions. Pakistan is a lower middle income emerging nation. The treatment facilities for the hematological, immunological and oncological conditions are very limited as compared to the need of the region. Being a pediatric hematologist/oncologist and bone marrow transplant physician in one of the busy center of the country, author decided to start the first ever public sector pediatric bone marrow transplant in author hospital. The starting and establishing the new innovative project was very much difficult. The task was taken as a challenge and collaboration with NIBD & BMT, Karachi, Pakistan (the oldest BMT center in the Country) was made about three years ago in 2016. The Physicians including author, pharmacist, laboratory persons, and infection control team were sent for the short term training to NIBD & BMT. On return the team has started arrangements for the established infrastructure by the renovation of old building. Next step was arrangement of instrumentation which was done step by step, and includes, cell separators, platelet apheresis machines, HEPA filters, CBC analyzer, handy electrolyte machine, fridge (-80^{o}C) for cryopreservation's, fridge (-40^{o}C) for plasma storage, PRBC storage fridge and blood grouping/cross matching reagents and Gel cards arranged. Then two patients, age less than five years of beta thalassemia major were selected who has 6/6 matched sibling donors. The standard conditioning protocol of BU/Cy/ATG with GVHD prophylaxis steroids/MTX and cyclosporine started after saving the autologous bone marrow harvest. The bone marrow harvest done on both donors on same day and infusion was done. The MNC and CD34 count were appropriate. The senior team members of pediatric hem/onco department were involved and senior most staff nurses were taking care of the patients along with mothers of the patients. But unfortunately one patient died of severe pneumonia along with pharyngeal abscess on day +11 and the second patient on +25 due to primary engraftment failure although the booster dose with PBSC was given but this patient died due to severe pulmonary hemorrhage. The initial two patient's mortality depressed the hospital administration as well as the treating staff. We decided to review the supportive care techniques, restricted the entry of extra staff in area and limited the treating physicians. After getting these improvements done we again decided to start the BMT unit again in March 2018 and selected aplastic anemia eight year's old patient matched 6/6 with sibling donor. The five days conditioning was done with fludarabine, cyclophsphamide and GVHD prophylaxis with cyclosporine MTX and steroids. PBSC was done on cell separator and stem cell infusion done. The engraftment of neutrophil on +10, platelets on +18 and RBC engraftment on +45. The immunosuppression was tapered off and now free of medication. Since then we have done so far total 23 patients including aplastic anemia, thalassemia, Fanconi Anemia. Our success rate is 60%. Author knows it is far behind the international data but we are thriving to improve it day by data. The establishment of bone marrow transplant center at public sector hospital was a dream once now it's a reality and in working condition.

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Investigating the readiness of health information systems for big data: The Portugal context

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Portugal has been observing a continuous improvement in the health of its population for long time. Also, the country has maintained a moderate pace in integrating of information technology (IT) in its healthcare sector. However, as the technology is evolving fast, the country lags in faster adoption of new technologies in comparison to other European countries. While big data offers many unique benefits, the task required to integrate it with the country's health information system (HIS) has long way to go. The big data integration requires specific strategies, methodologies, and infrastructures to facilitate its benefits. To achieve these requirements, adequate readiness needs to be achieved, along with addressing the related challenges. Therefore, this study aims to evaluate the current scopes and challenges in the readiness of health information systems for adopting big data analytics in Portugal. By understanding this necessity, this paper proposes to investigate the existing scopes and barriers in big data integration in the health information systems in various prominent health institutes in Portugal.

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Prevalence and clinical effect of IDH1 and IDH2 mutations among cytogenetically normal acute myeloid leukemia patients

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Introduction: This study aimed to determine the frequencies and clinical impact of isocitrate dehydrogenase (IDH) 1 and IDH2 mutations among Egyptian acute myeloid leukemia (AML) patients. The exon 4 of IDH1 and IDH2 were sequenced for detection of mutations in 211 AML bone marrow samples. The IDH1 and IDH2 mutations were detected in 8.5%, and 10.4% respectively. IDH1 and IDH2 mutations are negative prognostic markers in AML patients. A novel mutation (R132V) was detected in IDH1 in our cohort of AML patients.

Background: The frequencies of isocitrate dehydrogenase (IDH) 1 and IDH2 mutations among patients with *de novo* acute myeloid leukemia (AML) are different among different ethnic groups. The aim of this study was to determine the frequencies of IDH1 and IDH2 mutations among Egyptian AML patients and its effect on patient outcomes.

Patients & Methods: This study was conducted in 211 adult patients (104 men; 107 women; age range, 18-68 years) with cytogenetically normal AML. DNA was extracted from bone marrow samples at the time of diagnosis. The exon 4 of IDH1 and IDH2 were amplified using polymerase chain reaction and sequenced for detection of mutations.

Results: The results indicated that the IDH1 mutations were detected in 18 of 211 AML patients (8.5%) in the form of eight cases, R132H; six cases, R132C; two cases, R132S; one case, R132G; and one case, R132V mutations). IDH2 mutations were detected in 22 of 211 AML patients (10.4%) in the form of 20 cases, R140Q; and two cases, R172K mutations. The overall survival after correction for Nucleophosmin 1 and FMs- related tyrosine kinase internal tandem duplication was significantly shorter in AML patients with the IDH mutation compared with those with wild type (P=0.02).

Conclusion: IDH1 and IDH2 mutations are negative prognostic markers in AML patients. A novel mutation (R132V) was detected in IDH1 in our cohort of AML patients. We recommend molecular testing for IDH1 and IDH2 mutations for proper risk stratification of AML patients before the start of therapy.

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Establishment of a telemedicine network dedicated to pharmacovigilance (Algeria)

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Surveillance of the risk of adverse effects (ARs) resulting from the use of drugs is provided by pharmacovigilance. However, the conventional methods (spontaneous notification) used to detect these adverse effects are not exhaustive. In this context, the Algerian National Center for Pharmacovigilance and Materiovigilance (CNPM) initiated the establishment of a telemedicine network dedicated to pharmacovigilance, initially with some University Hospital Centers. In order to succeed, the method was: visit university hospital centers; formalization of the network; establishment of audio-videoconferences; dissemination of a newsletter on the drug; establishment of quantitative and qualitative activity indicators. The setting up of a Telemedicine network dedicated to pharmacovigilance contributes to a closer relationship between doctors and the National Pharmacovigilance Center, and could lead to an improvement in spontaneous notification in the context of the correct use of the drug.

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Role of cardio-specific micro-ribonucleic acids and correlation with cardiac biomarkers in acute coronary syndrome: A comprehensive systematic review

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Acute coronary syndrome (ACS) is an acute and severe manifestation of coronary artery disease (CAD); thus, timely diagnosis can save a life. Commonly, cardiac troponin T (CTnT), cardiac troponin I (CTnI) or creatine kinase muscle/brain subtype (CK-MB) have been used as cardiac biomarkers to assess ACS with certain limitations, such as increased time to rise for diagnosis and increased levels in the patients with chronic kidney disease (CKD). Recently, micro-ribonucleic acids (miRNAs) have become potential candidates as biomarkers for cardiac ischemia due to their remarkable stability and reproducibility. Certain miRNAs, for instance, miR-1, miR-133a/b, miR-208a/b, and miR-499a, strongly increase in the serum or plasma of patients with acute cardiac ischemia, making them as cardio-specific miRNAs and prospective biomarkers in ACS. This literature review gives enlightenment about the regulation of cardio-specific miRNA in acute myocardial ischemia (AMI) and correlation with common cardiac biomarkers and time at which they increase in the blood.

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Biologic multifunctional nanoparticle for multiple myeloma treatment

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This proposal is designed to investigate the efficacy of high density lipoprotein (HDL) as a multifunctional nanoparticle and as a nanocarrier in multiple myeloma (MM) cells. HDL is a natural particle that showed effectiveness in carrying particles to other cells. The purpose of this proposal is to investigate the role of HDL in protecting the healthy cells from the cytotoxic effect of common cancer treatment (Doxorubicin) in multiple myeloma cells. In this proposal another common nanoparticle Doxorubicin conjugate will be served as a control along with free Doxorubicin. Stem cells will be harvested from patients with MM and cell culture will be performed. In order to eliminate the confounding variable, the VLA4-pep conjugate will be incorporated into the nanoparticle conjugate under investigation as well as the control. Different stem cell samples will be collected and will be treated with different independent variables. After treatment of MM cells with HDL-Dox-VLA4-pep, chitosan-Dox-VLA4-pep and free DOX cellular uptake assays and cytotoxicity assays will be performed using specific dye, Rhodamine 6G. Rhodamine 6G helps to observe live cells while performing live cell microscopy. Moreover, this proposal investigates the budgeting of the resources, material and equipment needed as well as the private and federal funding of this specific research. Specific aim of the author is indicated in the proposal and there is a thorough resolution about the ethical issues provided using IRB framework and consent form. This proposal provides the research question and hypothesis as well as a direction to future studies based on the authors' experiences.

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Endovascular treatment of aortic coarctation: The experience of a Tunisian Center

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Background: Coarctation of the aorta (CAO) is a congenital cardiovascular malformation characterized by a narrowing of the thoracic aorta usually just distal to the left subclavian artery. Untreated, it leads to early death predominantly because of hypertension and its cardiovascular sequelae. The traditional treatment is open surgical repair. More recently, endovascular techniques have offered a minimally invasive alternative to traditional open repair, with good results particularly in adults and older children.

Objective: The aim of this study is to report the results of our experience on balloon angioplasty and stenting of native and recurrent CAO.

Methods: Since 2009, a total of 21 patients who underwent transcatheter intervention for COA in our faculty were assigned retrospectively. Procedural success is defined as peak systolic pressure gradient after balloon therapy or stent implantation <20 mm Hg.

Results: The results indicated that there were 11 males and 10 females. The mean age was 17, 67 years (three months to 51 years old). There were 12 native COA and 10 recoarctations. 12 patients underwent stent implantation, whether balloon angioplasty was the treatment in 10 cases. Hypertension was the most common mode of revelation. Procedural success was achieved in 20 cases (95%). The mean peak systolic pressure gradient decreased from 63, 83 mmHg to 14, 3 mmHg immediately after the procedure. One case was complicated with stent embolization. There were no deaths related to the procedure. In four cases, a second procedure of optimization of the initial result by a bigger balloon was done with a good immediate result. The mean time course to restenosis was 11, five months. Residual hypertension was found in 11 patients (52%). Aneurysm of the left subclavian artery was found in one patient and was treated with the implantation of a covered stent.

Conclusion: Our experience in endovascular management of CAO reinforces the impression of an effective and safe therapeutic option, with low rate of complications particularly in adults and older children.

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Immediate and short-term results of percutaneous ventricular septal defect closure with Amplatzer duct occluder II

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The Aim of the Study: To provide an element of answer by relating the experience of our center in the percutaneous closure of congenital ventricular septal defects (VSD) with Amplatzer duct occluder II (ADOII).

Material & Results: This is a retrospective, mono-centric study, conducted from January 2013 to December 2017, including patients hospitalized in the cardiology department of Sahloul Hospital in Sousse for percutaneous closure of congenital VSDs. Twelve patients (six boys and six girls) were included at the mean age of 65 months [±41.4 months] and an average weight of 23 kg [±10.33 kg]. There were nine peri-membranous and three muscular VSDs. The average size of the defects was 5.36 mm [±1.12 mm] with extremes of 4 to 8 mm. VSDs were restrictive in 11 cases (with signs of volumetric LV overload) and not restrictive in one case. Eleven Amplatzer duct occluder II type prostheses with an average size of 5.5 mm [±1.24 mm] were used. A procedural failure was noted with migration of the prosthesis into the pulmonary artery which was removed using lasso. Another child who has perimembranous defect had developed a transient AVB. No deaths were noted.

Conclusion: The use of ADOII prostheses in the closure of perimembranous and muscular VSDs is safe and effective. The complication rate is low. However, broader and longer follow-up studies are needed to further confirm the safety of this technique.

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Biodegradable hydrogels design as cardiac patch for application of heart repair

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Heart disease remains a major cause of death and disability worldwide. Cardiac patches have shown promising potential for stem cell delivery for myocardial infarction therapy. Epicardial placement of mesenchymal stem cells-loaded fibrin glue patches was proved to have better therapeutic effects than intramyocardial injection by Ken Suzuki's team (Kobayashi et al. 2018). Yuki Ichihara et al. applied a self-assembling peptide hydrogel called PuraMatrix for epicardial coating of the heart with mesenchymal stem cells in myocardial infarction rats' models. It showed that epicardial coating treatment achieved more improvement of cardiac function with greater donors MSCs retention, better upregulation of tissue repair related genes expression, more augmented neovascularization and less scar formation in infarct zones compared to intramyocardial injection treatment (Ichihara et al. 2018). Degradable and biocompatible hydrogels have been attractive candidates for cardiac patches due to their properties which could mimic extracellular microenvironment. Different types of natural and synthetic polymer hydrogels have been tested *in vivo* and shown to contribute to heart remodeling process. Synthetic polymer hydrogels could be tuneable and reproducible for mechanical, chemical and physical properties. Successful cardiac regeneration requires cell-compatible hydrogels to mimic native tissue environment, which will allow cellular processes, such as adhesion, proliferation, spreading, migration and differentiation. A novel synthetic hydrogel called polyoxazoline (POX) based on thiol-ene chemistry has been developed in our lab. It turned out POX gel is a biocompatible gel with strong adhesion to heart surface as a cardiac patch to deliver mesenchymal stem cells (MSCs) to infarcted heart. Paracrine secretion effects of MSCs encapsulated in POX gels has been proved to increase angiogenesis. Cardiac function will be evaluated using rat myocardial infarction models to test the therapeutic effects of POX gels loaded MSCs cardiac patch.



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