

## Abstracts Not Presented

Every year, there are abstracts that could not be presented at our annual meeting for a variety of reasons. The fact that the abstracts were printed in the March 2016 issue of *Aerospace Medicine and Human Performance* does not mean that they were presented, only that they were accepted for presentation. It is important to remember that if an abstract was not presented, it should not be referenced. A total of 26 abstracts out of a possible 491 (one abstract was withdrawn prior to printing and one was withdrawn after the fact) were not presented (5.3%). The following abstracts were not presented at AsMA's 87th Annual Scientific Meeting, in Atlantic City, NJ, April 24-28, 2016:

### [020] USEFULNESS OF AEROBIC/ANAEROBIC EXERCISE HABITS TO HYPOXIA AND COGNITION

S. ILBASMIS<sup>1,2</sup>

<sup>1</sup>Medical Research Dept., Turkish Aeromedical Research Center, Eskisehir, Turkey;

<sup>2</sup>Physiology, Eskisehir Osmangazi University, Eskisehir, Turkey

### [065] ASSESSMENT OF SIMULATED BLOOD POOLING IN FOREARM OF AN AIRCRAFT PILOT

B.B. SHARMA<sup>1</sup>, M. KHAN<sup>1</sup> AND S. VASHISTH<sup>2</sup>

<sup>1</sup>Electrical Engineering, Jamia Millia Islamia, New Delhi, India; <sup>2</sup>Electronics and

Communication Engineering, ITM University, Gurgaon, India

### [084] (Withdrawn after the fact) HEMI-DIAPHRAGM PARALYSIS IN TWO NAVAL FLIGHT SURGEONS: RECOVERY AND OBSERVATIONS

D.B. GILLIS<sup>1</sup>, D. HOHMAN<sup>2</sup> AND L. SAVOIA-MCHUGH<sup>3</sup>

<sup>1</sup>Retired, Nassau Bay, TX; <sup>2</sup>377 Med Group, Kirtland Air Force Base, NM; <sup>3</sup>Medical, Naval School of Aviation Medicine, Pensacola, FL

### [092] FAIRCHILD AFB HUMAN PERFORMANCE PROGRAM

S.R. WARD

USAF, 92 AMDS, Fairchild AFB, WA

### [104] QUANTIFYING C-130 OPERATIONAL VIBRATION PATTERNS AND EFFECTS ON PATIENTS

D.S. BURCH<sup>2</sup>, S.D. SMITH<sup>1</sup>, B. FOUTS<sup>2</sup> AND J.L. SERRES<sup>2</sup>

<sup>1</sup>711 Human Performance Wing, Knowledge Preservation Program (ORISE), USAF, Miamisburg, OH; <sup>2</sup>Aeromedical Research, USAF School of Aerospace Medicine, Wright-Patterson AFB, OH

### [118] BENEFICIAL AND POSSIBLE ADVERSE EFFECTS OF INTERMITTENT ARTIFICIAL GRAVITY ON ARTERIES OF SIMULATED MICROGRAVITY RATS

J. MA, H. LIU, Z. WANG, Q. LV, J. YANG, J. YU AND Y. CAI

Department of Aerospace Physiology, Fourth Military Medical University, Xi'an, China

### [119] CANCER RATES AMONG MILITARY AVIATORS AND NON AVIATORS

P.Q. DINH<sup>1</sup> AND G. RICE<sup>2</sup>

<sup>1</sup>USASAM/NAMI, U.S. Army, Pensacola, FL; <sup>2</sup>NAVMED ED TRN CMD, U.S. Navy, Pensacola, FL

### [139] ASSESSMENT OF SOUND SOURCE PERCEPTION OF HUMAN UNDER NOISE INDUCED STRESS

M. KHAN<sup>1</sup>, B.B. SHARMA<sup>1</sup>, R. OHARA<sup>3</sup> AND A.K. SALHAN<sup>2</sup>

<sup>1</sup>Electrical Engineering, Jamia Millia Islamia, New Delhi, India; <sup>2</sup>Biomedical Instrument Division, DIPAS DRDO (Scientist 'G' Retired), Timarpur, India; <sup>3</sup>U.S. Air Force School of Aerospace Medicine, Wright-Patterson AFB, Dayton, OH

### [154] THE NATURAL HISTORY OF CORONARY ARTERY DISEASE IN UNITED STATES AIR FORCE AVIATORS

E.D. DAVENPORT, E.V. PALILEO AND S.M. GORE

USAF School of Aerospace Medicine, Wright-Patterson AFB, OH

### [172] FREQUENCY OF RELATION BETWEEN COMMON BAROTRAUMAS AND UPPER RESPIRATORY INFECTIONS AMONG CIVILIAN PILOTS IN ISLAMIC REPUBLIC OF IRAN

K. SOLEIMANI

Air Medical Section, Civil Aviation Organization Air Medical Center, Tehran, Iran

### [183] ROLE OF THE AEROSPACE MEDICINE SPECIALIST IN AIRSHOW PLANNING AND EXECUTION

J. HYLE<sup>2</sup>, A.A. ANGELICI<sup>1</sup> AND T. FAULKNER<sup>3</sup>

<sup>1</sup>Aerospace Medicine, Federal Aviation Administration, College Park, GA; <sup>2</sup>JMATT Aviation, Peachtree City, GA; <sup>3</sup>Medical Direction, LLC, Atlanta, GA

### [191] THE REDUCTION OF MIR-33-5P INHIBITS OSTEOBLAST DIFFERENTIATION BY TARGETING HMGA2 IN SIMULATED MICROGRAVITY

H. WANG, Z. HU, S. ZHANG AND X. CAO

The Key Laboratory of Aerospace Medicine, Ministry of Education, The Fourth Military Medical University, Xi'an, China

### [193] IMPORTANCE OF ROTATIONAL AXIS POSITION ON CARDIOVASCULAR RESPONSE TO SHORT-ARM HUMAN CENTRIFUGATION

C. LAING<sup>1,2</sup>, D.A. GREEN<sup>2</sup>, N. GOSWAMI<sup>3</sup>, E. MULDER<sup>1</sup> AND J. RITTWEGER<sup>1</sup>

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### [222] CHALLENGES FOR DELIVERY OF ANESTHESIA IN THE SPACE ENVIRONMENT – AN UPDATE

M. KOMOROWSKI

Intensive Care Unit, Imperial College London, London, United Kingdom

### [273] CEREBRAL PULSATILITY IN PREFRONTAL CORTEX CORRELATES WITH ACUTE EXPOSURE TO MICROGRAVITY

V. IVKOVIC<sup>1,2</sup>, G. SPIELMANN<sup>3</sup>, D. DIPASQUALE<sup>1,2</sup>, G. HU<sup>1,2</sup>, Q. ZHANG<sup>1,2</sup> AND G.E. STRANGMAN<sup>1,2</sup>

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### [300] MORTALITY FROM UROGENITAL CANCER IN FIGHTER AIRCREW

V.M. PEARSON

Residency in Aerospace Medicine, USAF School of Aerospace Medicine, Fairborn, OH

### [307] DEVELOPMENT AND VALIDATION OF AN EDUCATIONAL BROCHURE AIMED AT THE PREVENTION OF GASTROINTESTINAL DISEASES IN TRAVELERS.

M. SALAMANCA<sup>1</sup>, I. VILLALBA<sup>2</sup>, Y. VILLARREAL<sup>2</sup>, K. TORRES<sup>2</sup> AND O. VARGAS<sup>2</sup>

<sup>1</sup>Aeronautical Authority of Colombia Aerocivil, Bogota, Colombia; <sup>2</sup>Corporacion Universitaria Rafael Nuñez, Cartagena, Colombia

### [364] ASSEMBLING YOUR OWN EMERGENCY MEDICAL FIRST-RESPONSE BAG

D. MIRSKI

USAF, APO, Germany

### [380] MAXILLARY SINUS PROBLEMS RELATED TO ORAL IMPLANTOLOGY

I. HERNANDEZ HOYOS<sup>3</sup>, J.L. DOMINGUEZ-MOMPELL<sup>2</sup>, J. LARA CHAO<sup>1</sup>, V. LOPEZ PIZARRO<sup>4</sup> AND A. RESTOY<sup>4</sup>

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### [382] BAROTRAUMA IN RESCUE DIVERS

M. FRESNO

Poder Judicial Córdoba, Cordoba, Argentina

### [407] FUNCTIONAL ADAPTIVE TRAINING PLUS EXPLICIT COGNITIVE TRAINING

E. EVELAND

711 HPW/RHCP, Wright-Patterson AFB, OH

### [420] AIRSICKNESS PREVENTION METHODS

P.E. HAYS

Aerospace and Operational Physiology, U.S. Air Force, Vance AFB, OK

### [446] CONTINUOUS WAKEFULNESS OF SHORT DURATION: EFFECTS ON PSYCHOMOTOR COGNITIVE PERFORMANCE AND SUBSEQUENT SLEEP PHYSIOLOGY

N.K. TRIPATHY<sup>1</sup> AND A. PADHY<sup>2</sup>

<sup>1</sup>Dept of Human Engineering, Institute of Aerospace Medicine, Bangalore, India, Bangalore, India; <sup>2</sup>Av Med, Station Medicare Centre, Lucknow, India

### [471] PHYSIOLOGICAL INTERPRETATION OF A-LOC INCIDENTS

S.S. KHATUA<sup>1</sup>, M. DAHIYA<sup>2</sup>, A.B. KRISHNEGOWDA<sup>1</sup> AND P. SANNIGRAHI<sup>1</sup>

<sup>1</sup>Indian Air Force, Near Alipurduar, India; <sup>2</sup>Acceleration Physiology & Spatial Disorientation, Indian Air Force Institute of Aerospace Medicine, Bangalore, India

### [472] INNATE +GZ TOLERANCE AND BODY COMPOSITION

A.B. KRISHNEGOWDA<sup>1</sup>, S. SAMPATH<sup>2</sup>, M. DAHIYA<sup>1</sup> AND P. RASTOGI<sup>1</sup>

<sup>1</sup>Department of Acceleration, Physiology and Spatial Orientation, Institute of Aerospace Medicine, Indian Air Force, Bangalore, Karnataka, India; <sup>2</sup>Biochemistry, Armed Forces Medical College, Pune, India

### [487] SAFETY CLIMATE AND MISHAP PROBABILITY

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### The following abstract was NOT cancelled:

### [269] SEROTONIN AS A BIOMARKER TO PREDICT INDIVIDUAL STRESS RESILIENCE IN BATTLEFIELD AIRMEN TRAINEES

S. WOLF AND R. SHIA

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