

Program: ECAM 2008 at Budapest

Thursday, November 13, 2008

9:00 - 9:30 Opening Ceremony

9:45 – 10:30 Panel by W. Gaber

Chair: H. Pongratz

PANDEMIC PREPAREDNESS PLANNING IN AVIATION – THE ROLE OF AIRPORT OPERATORS

W Gaber, R.Gottschalk

10:30 – 11:00 Panel by D. Becker, & Univ. Doz. B. Merkely

Chair: G. Hardicsay

Coronary revascularisation 2008.

11:00 – 11:30 Break

11:30 – 13:00 Passenger health and medical evacuation

Chair: M. Bagshaw and S. Ries

DOC ON BOARD - MEDICAL EMERGENCIES ON BOARD COMMERCIAL AIRCRAFT

J. Huber, G. Huber, D. Gabriel

LESS HYPOGLYCEMIC EVENTIS WITH EXENATIDE IN TYPE 2 DIABETES

F. Strollo, M. Morè, M. Corigliano, G. Corigliano and G. Strollo

AIR EVACUATION UNDER BIOSAFETY CONTAINMENT OF PATIENTS WITH HIGHLY CONTAGIOUS INFECTIOUS DISEASES

M. Lastilla, P. Tosco, R. Biselli, O. Sarlo

FAINTING PASSENGERS: THE ROLE OF CABIN ENVIRONMENT

R. Simons, H. de Ree

THE AEROTOXIC SYNDROME

M. Bagshaw

THE PERFORMANCE OF BLOOD PRESSURE MEASURING DEVICES AT GROUND
LEVEL AND AT 8,000ft

M. F. Hudson

13:00 – 14:00 Lunch

14:00 – 15:30 Aircrew health I

Chair: C. Stern, H.-W. Teichmüller

WOULD YOU FLY WITH THIS PILOT AFTER TRAUMATIC BRAIN INJURY (TBI)

A. Martin St Laurent

FUNDUS IMAGING IMPROVES EFFICACY AND SAFETY OF MEDICAL EXAMS

R. Quast, H. Wilhelm

VISUAL OUTCOME AFTER CORNEAL REFRACTIVE SURGERY

C. Stern, G. Kluge

CORNEAL REFRACTIVE SURGERY AMONG HUNGARIAN PILOTS FROM 2001 TO 2008

L. Ungváry

MESOPIC CONTRAST SENSITIVITY IN A YOUNG POPULATION

B. Haugom, T.-E. Strand, I. Berg

AEROMEDICAL CERTIFICATION IN PROGRESSIVE MITRAL VALVE PROLAPSE

E. Cataman, A. Batrinac

16:00 – 17:00 Aircrew health II

Chair: L. Tjensvoll, E. Cataman

OVERWEIGHT IN MILITARY PILOTS AND WSOS IN GERMANY 1977-2006

H. Glaser

FRAMINGHAM CORONARY RISK FACTORS AT MALE AVIATION PERSONNEL –
COMPARISON WITH NON AVIATION POPULATION IN SLOVAK REPUBLIC

P. Daxner

PSYCHOLOGICAL DIAGNOSTICS OF FOREIGN AIR STAFF IN AIR MILITARY HOSPITAL

J. Mayerova, E. Slovenska, M. Čizmárik

NEUROCOGNITIVE PERFORMANCE IN AIRCREW IN TREATMENT WITH
ANTIDEPRESSANT SSRIS AND SNRIS

S. Izzo, G. Arduino, E. Velardi, S. Mosticoni

17:00 – 18:00 Poster - inspection

Friday, November 14, 2008

9:00 – 10:00 Special senses and aviation medicine

Chair: A. Wagstaff, G. Hardicsay

VESTIBULAR ANALYZER AND DESORIENTATION IN SPACE OF MILITARY PILOTS

M. Spahieva, L. Aleksiev, A. Petkov, K. Kanev

THE ITALIAN AIR FORCE (ITAF) EXPERIENCE ON SPATIAL DISORIENTATION
TRAINING

M. Lucertini, P. Trivelloni, O. Sarlo

TINNITUS AND HEARING IN A NORWEGIAN AIRLINE PILOT POPULATION

A. S. Wagstaff, P. Blum

EFFECTS OF HYPOXEMIC HYPOXIA ON PATTERN REVERSAL VISUAL EVOKED
POTENTIALS (VEPs)

D. di Blasio, G. C. Appiani, A. Carboni, N. Pescosolido

10:00 – 10:30 Break

10:30 – 12:00 Regulations

Chair: R. Vermeiren, V. Valentukevicius

MEDICAL REQUIREMENTS FOR LEISURE PILOT LICENCE

V. Valentukevicius (with discussion 30 min)

IMPLEMENTATION OF EU DIRECTIVE « NOISE » INTO GERMAN LAW AND CONSEQUENCES FOR FLIGHT CREWS

D.-M. Rose, H.-J. Kimpflinger, M. Vierdt, J. Hedtmann

EVALUATING WHOLE BODY VIBRATION LEVELS IN MILITARY AND CIVILIAN HELICOPTERS ACCORDING TO LEVELS DEFINED BY EC (2002/44/EC)

J. I. Kåsin, A. Wagstaff

NEW REGULATIONS OF EASA NPA 2008-17C, PRACTICAL OPHTHALMOLOGICAL ASPECTS

G. van Setten

THE 'IRISH' VIEW ON THE NEW REGULATIONS FOR MEDICAL CERTIFICATION. WILL IT ALL CHANGE?

A. Roodenburg

12:00 – 13:00 Lunch

13:00 – 14:30 Hypoxia

Chair: A. Wagstaff, H. Pongratz

CONSIDERATIONS CONCERNING PRACTICAL HYPOXIA TRAINING FOR COMMERCIAL AIRCREW

R. Simons (Intro by Virgilijus Valentucevicius ESAM) (30 min and 15 min discussion)

CARDIAC ARREST DURING HYPOBARIC CHAMBER EXPOSURE AT A YOUNG PILOT

M. Anghel, I. Capanu, M. Muresan

RESISTANCE ASSESSMENT TO HYPOBARIC-HYPOXIC STRESS THROUGH SIMULTANEOUS MONITORING OF THE ECG RECORDING AND OXYGEN SATURATION

I. Capanu, D. Vlad, S. Berbecar

HYPOXIA AWARENESS: THE PRESENT AND FUTURE OF HYPOXIC TRAINING OF
HUNGARIAN MILITARY AIRCREW

S. Szabó, A. Grósz, Zs. Tótká

14:30 – 15:00 Break

15:00 – 16:30 Would You Fly with this Pilot? Case discussions'

Moderation Gabor Hardicsay

16:30 – 16:45 Closing Remarks

The oral presentations in general are 10 min and 5 min discussion

Posters

ASSESSMENT OF PUSH-PULL EFFECTS: A NEW PROCEDURE BASED ON A TEXTILE WEARABLE SYSTEM FOR VITAL SIGNS RECORDING

A. G. Guadagno, S. Cacopardo, P. Trivelloni, F. Rizzo, P. Meriggi, M. di Rienzo

INJURY- AND FATALITY-RATES IN GERMAN GENERAL AVIATION ACCIDENTS – A FIVE YEAR REVIEW

C. Neuhaus, M. Dambier, E. Glaser, J. Hinkelbein, H. Pongratz

ADVANCED CORONARY DIAGNOSTICS: MULTI-DETECTOR COMPUTER TOMOGRAPHY (MDCT) TO DIAGNOSE CORONARY HEART DISEASE (CHD) IN MILITARY PILOTS

C. Wonhas, J. Hausleiter, C. Ledderhos, S. Martinoff, A. Schömig

DEVELOPING A METHOD FOR THE QUANTITATIVE ASSESSMENT OF G-MEASLES

C. Ledderhos, B. Debrabant, K. Debrabant, R. Mörlin, A. Gens

COMPARISON OF STUDIES ON GENERAL AVIATION ACCIDENTS IN DIFFERENT COUNTRIES USING THE HFACS MODEL C.

J. Hinkelbein, M. Dambier, E. Glaser, C. Neuhaus, H. Pongratz

A SIMPLE TECHNIQUE FOR GRAVITY SIMULATION (+1G_Z, 0G_Z, AND -1G_Z) DEMONSTRATES COMPROMISED LUNG FUNCTION

C. Neuhaus, M. Dambier, E. Glaser, J. Hinkelbein, H. Pongratz

POSSIBILITIES FOR THE DETECTION OF IN-FLIGHT HYPOXIA – PULSE OXIMETRY

C. Ledderhos, A. Gens, G. Rall

MEASURING PSYCHIC STRESS WITH BIOLOGICAL DATA

A. Grósz, E. Tóth, Á. Szatmári

SIGNAL DETECTION IN HYPOBARIC HYPOXIA - A STRESS SITUATION

A. Grósz, E. Tóth, Á. Szatmári

MARKOV STATE TRANSITION MODELS FOR THE PREDICTION OF CHANGES IN SLEEP STRUCTURE INDUCED BY AIRCRAFT NOISE

M. Basner, U. Siebert

THE PROBLEM OF A “HUMAN FACTOR” UNDER EXTREME AVIATION CONDITIONS
S. T. Mammadova

PRECANCEROUS SIGNS IN THE MOUTH DETECTED DURING
MEDICAL FITNESS EXAMINATIONS OF COCKPIT AND CABIN CREWS
Z. Pácz, I. Melles

STRESS RELATED SYNDROMES: A NEW NOSOGRAPHIC APPROACH TO THE
PSYCHIATRIC DISFUNCTIONS IN AIRCREW
G. Arduino, S. Izzo, D. Abbenante

RESPIRATORY CO₂, AS A PHYSIOLOGICAL AND NEURAL-PERCEPTION INDICATOR
OF PILOTS' VISUAL MANAGEMENT, IN AVIATION-A REVIEW.
J. Sharma

The size of the boards is 90 cm width and 120 cm height.