Background

The mission of STO is to conduct and promote co-operative research and information exchange. STO consists of a three level organization: the Science and Technology Board (STB), the Panels and the Technical Teams. The Human Factors and Medicine (HFM) Panel is one of the seven Panels under the STB.

The mission of the Human Factors and Medicine Panel is to provide the science and technology base for optimising safety, health, well being and performance of the human in operational environments with consideration of affordability. This involves understanding and ensuring the physical, physiological, psychological and cognitive compatibility among military personnel, technological systems, missions, and environments. This is accomplished by exchange of information, collaborative experiments and shared field trials.

Theme

Mild traumatic brain injury (mTBI), also known as concussion, is a significant military operational and civilian medical problem. This lecture series will review state of medical knowledge and discuss medical treatment in the deployed as well as post-deployment settings. Participants will leave with increased ability to accurately diagnose mTBI/concussion and to treat patients appropriately.

Topics to be covered:

The RLS will cover the following key topics and dimensions: a description of existing clinical practice for all participating NATO countries; current TBI research; identification of existing gaps in knowledge; and principles for best practices. Specific topics to be addressed will include: the potential Impact of mTBI/PCS on Military Operations; the significance of explosive blasts as a mechanism of injury; description of existing Clinical Practice Guidelines; and key features of mTBI/post-concussion syndrome and the co-occurrence and overlap with other physiologic and/or mental health problems, such as PTSD.

Latest Enrolment Dates:

NATO Nations 2 weeks prior LS date
Non NATO Nations 2 weeks prior LS date

Enrol on-line at https://events.sto.nato.int

All presentations and discussions will be held in English.
SERIES PROGRAMME

DAY ONE – 18th December 2018

8:30 Registration

9:00 Opening Ceremony & STO Overview

9:15 Introduction and Overview (Tsao)

9:45 TBI policies of NATO countries (All)

10:30 Break

11:00 Operational considerations/blast TBI (Tsao, Vermetten)

12:00 Lunch Break

13:30 Research/Chronic Traumatic Encephalopathy (Risling)

14:30 Acute evaluation and treatment (Besemann, Mistlin, Tsao)

15:30 Break

16:00 Neurocognitive testing (Tsao, Vermetten)

17:00 End of day 1

DAY TWO - 19th December 2018

9:00 Management of headache, sleep, endocrine disturbances, dizziness, and balance disequilibrium (Besemann, Mistlin, Tsao)

10:00 Morning Break

10:30 Progressive return to activity following mTBI (Mistlin)

11:30 Rehabilitation of co-morbid polytrauma and psychiatric disturbances (Mistlin, Vermetten)

12:30 Lunch Break

14:00 Long-term consequences of head injury and occupational impairments (Besemann, Tsao)

15:00 Afternoon Break

15:30 Impact on families (Mistlin)

16:15 Concluding Remarks

APPLICATION TO ENROLL

LECTURE SERIES HFM-240

Madrid, Spain December 18-19, 2018

Open to citizens from NATO, Partnership-for-Peace (PfP), Mediterranean Dialogue (MD) Nations, Australia, Japan, New Zealand, Republic of Korea and Singapore.

Enrolment must be made via internet only at https://events.sto.nato.int

A General Information Package with information on travel, accommodation and local arrangements will be placed on the enrollment website. Participants are responsible for their own travel arrangements.

If you are unable to enrol via the internet, please contact the CSO enrolment coordinator:

lectureseries@cso.nato.int

Please respect the following dates for enrolment:

Latest Enrollment Dates

NATO Nations 2 weeks prior LS date
Non NATO Nations 2 weeks prior LS date

Contact/Enrollment Coordinator

NATO Collaboration Support Office (CSO)
+33 (0)1 55 61 22 67 (phone)
+33 (0)1 55 61 96 28 (fax)
lectureseries@cso.nato.int