

## Newsletter July - December 2010

### Dear all,

the year is over again... When did this happen?

We would like to inform you in this newsletter what we did at INRO the second half of the year and our plans for 2011.

The „Prehospital project“ is running well, we have done the analysis of the data already and we are happy to share the results with you.

Apart from this project, we are busy with preparing other project proposals, participating in scientific conferences and other events, publishing articles, thus sharing our knowledge, experience and skills. I would also like to draw your attention to the fact we have changed our logo and are redesigning INRO website at the moment – it should be ready before we split for the Christmas holidays.

### Activities implemented in July – December 2010

- Project **Prehospital and early hospital care for patients** (detailed description see further) – ongoing, data on 448 patients have been collected by Dr.Brazinova, analyzed by prof.Mauritz and presented at local conference by prof.Mauritz, prof.Rusnak and Dr.Brazinova
- November: Conference for Prehospital project participants with presentation of the data
- Nov.-Dec: Development of the draft Austrian TBI management guideline (brainstorming performed at the project Conference, draft developed consequently by prof. Mauritz according to the rounds of comments from the centers)
- Project **Evaluation of the impact** of all INRO's projects on the TBI management in centers that have participated in our activities implemented by now – data collection ongoing
- Scientific articles submitted and accepted
- Prof.Rusnak has established cooperation with Medical faculty of University in Novi Sad, Serbia for future cooperation in trauma projects
- Project proposals in preparation (details see in Activities planned for 2011)

### INRO People

Currently, the team of INRO consists of:

Prof.Martin Rusnak, MD, PhD – President of Board of Directors

Prof.Walter Mauritz, MD, PhD – Vicepresident of Board of Directors

Alexandra Brazinova, MD, MPH, PhD - Executive Director

Research fellows:

Marek Majdan, DrPH, PhD

Zuzana Sklenarova-Cernuskova, DrPH

Johannes Leitgeb, MD

Lucia Daubnerova-Lenartova, DrPH

Mag. Ingrid Wilbacher, PhD

Ivan Janciak, MS, PhD

### INRO and Academics

Martin Rusnak is the Dean of Faculty of Health and Social Work at Trnava University in the Slovak Republic. Sasha Brazinova is a part time teacher at the same department. Dagmar Mastelova, PhD candidate from the department has helped us with Prehospital project activities in the fall 2010. Johannes Leitgeb is doing his PhD in Public Health with thesis on traumatic brain injury at Trnava University in the Slovak Republic.

### Project Prehospital and early hospital care for patients with Severe Brain Trauma in Austria (2008-2013)

By April 2010 we have collected data on **448 moderate and severe traumatic brain injury patients**.

In the second half of the year we have finished control of the data and missing data retrieve.

The project is funded by Austrian Ministry of Health and Occupational Insurance company (AUVA), data are collected by 16 hospitals in Austria.

Apart from the data collection from the centers, in the period July – September the project managers contacted the surviving patients by phone to obtain information on health status of the patient 6 months after the trauma.

All patient data were analyzed and presented at the project conference in November 2010 in Wien to representatives of all participating centers. Based on the data analysis and existing traumatic brain injury guidelines, the draft of Austrian TBI prehospital and early in-hospital treatment guideline has been developed at the conference. The draft has been finalized by prof.Mauritz after the conference and distributed among the project participants in all centers. The participants commented on the draft and the relevant comments have been incorporated in the guideline.

We have presented and submitted project report to the funding agency, the Austrian Ministry of Health in November. The ministry officials were very pleased with project development and approved the project activity and financial report. The Ministry of Health will reimburse the costs related to the Prehospital project to INRO by the end of 2010.



### Publications submitted in second half of 2010

1. Brazinova A, Mauritz W, Leitgeb J, Wilbacher I, Majdan M, Rusnak M, Janciak I: Outcomes of patients with severe traumatic brain injury who have Glasgow Coma Scale scores of 3 or 4 and are over 65 years old, Journal of Neurotrauma – accepted for publication, July 2010
2. Mauritz W, Majdan M, Janciak I, Wilbacher I, Rusnak M, Leitgeb J, Brazinova A: One-year outcome and course of recovery after severe traumatic brain injury. European Journal of Trauma and Emergency Surgery – accepted in Sept.2010
3. Majdan M, Mauritz W, Brazinova A, Rusnak M, Leitgeb J, Janciak I, Wilbacher I: Severity and outcome of Traumatic Brain Injuries (TBI) with different causes of injury. Brain Injury - accepted in Nov.2010

**THANK YOU FOR YOUR CONTINUOUS SUPPORT!**  
Please stay in touch.

### Activities planned for 2011

#### „Prehospital project“:

January, February: preparation of new round of data collection

March: distribution of data collection materials around trauma centers

April: Start of data collection

May – November: data collection

June – December: data entering, checking, cleaning

#### Conferences:

February: TBI Challenge – international conference of neurorehabilitation (long term care after TBI) in Wien. INRO will chair a workshop on TBI guidelines.

June: EMN (Europeana Multidisciplinaria Neurotraumatologica) conference, INRO participates every year

#### Publications

•New CT scan scoring for TBI

•Epidemiology of moderate and severe TBI in Austria from the „Prehospital project“

•Epidemiology of TBI and treatment in selected hospitals from ITCP database

#### Project proposals

▪INCO project with (FP7 funds – European Commission grant scheme): joint project with medical center in Georgia on education of trauma specialists

▪Tempus project with medical faculty in Novi Sad, Serbia

▪Jubiläumsfonds project on long term outcomes of TBI

Thank you for your attention.

On behalf of the whole INRO team allow me to wish you Merry Christmas and happy New Year

Sasha

Alexandra Brazinova, MD, PhD, MPH – INRO's Executive Director

### INRO Supervisory Board

Johannes Orsini-Rosenberg

Annie Laurie Auersperg Isham

Ralph Isham

Gobert Auersperg-Trautson

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Marie-Therese Rutherford

Lindi Kalnoky

Isabelle Harnoncourt

Peter Quinn

Andrew Maas

**Have a wonderful Christmas holiday,  
Merry Christmas and Happy New Year!**

**INRO team**