
Conference Program and Abstracts of the 9th Annual Conference of the Special Interest Group in Neuropsychological Rehabilitation of the World Federation for NeuroRehabilitation (WFNR)

2–3 July, 2012
Bergen, Norway

DAY 1: MONDAY 2nd JULY

9:00–9:10 **Tamara Ownsworth (Program Chair)**
Welcome and Introduction

Session 1

9:10–9:40 **Talk 1: Professor Barbara Wilson – Opening Address, Chair: Dr Tamara Ownsworth**

Tuberculous Meningitis: What Neuropsychologists Should Know

9:45–11:00 **Symposium Posttraumatic Amnesia (PTA): Retracing our steps to fix problems and avoid pitfalls, Chair and Discussant: Professor Robyn Tate**

Talk 2: Jacob Kean – Problems with the theoretical construct: PTA vs. delirium.

Talk 3: Malene Abell – Conceptual models of early recovery following brain injury.

Talk 4: Malene Abell – Delirium Phenomenology In TBI Rehabilitation and Palliative Care Cohorts Using Factor Analysis of the DRS-R98.

11:00–11:30: **Morning tea and posters**

Session 2

11:30–12:10 **Advances in Single-Case Methodology, Chair: Professor Jon Evans**

Talk 5: Robyn Tate – Developing reporting guidelines for single-case experimental designs: the SCRIBE project

Talk 6: Rumen Manolov – The utility of regression analysis in single-case experimental designs

12:10–12:20: **Plenum/Discussion**

Session 3

12:20–1:00 Service and Outcome Evaluation, Chair: Professor Jim Malec

Datablitz 1: Meike Holleman. Effects of a holistic neuropsychological rehabilitation programme (Intensive NeuroRehabilitation, INR) on emotional well-being, coping, and quality of life after acquired brain injury

Datablitz 2: Robyn Tate – Bringing evidence-based practice into the clinic using the Model for Assessing Treatment Effect (MATE)

Datablitz 3: Fiona Ashworth – The health economy of holistic rehabilitation: four case studies.

Datablitz 4: Carolyn Lemsky – The relationship between TBI history and treatment outcome in addictions treatment: Building the case for integrated care.

Datablitz 5: Rachel Goodwin – Service evaluation of holistic neuropsychological rehabilitation: Impact on dysexecutive symptoms and carer strain following traumatic and non-traumatic brain injuries

**1:00–2:00: Lunch and posters
Session 4**

2:00–2:50 Treatment Techniques and Considerations, Chair: Professor Jennie Ponsford

Datablitz 6: Satu Baylan – Can brief Goal Management Training improve performance on simple computerised prospective memory tasks? A randomised study

Datablitz 7: Gera De Haan The effect of compensatory scanning training on mobility in hemianopia patients

Datablitz 8: Áine Kearns. Investigating the use of iPad and App to deliver Semantic Feature Analysis (SFA) Treatment in clients with aphasia

Datablitz 9: Thialda Vlagsma – Cognitive rehabilitation in Parkinson’s disease: aspects of feasibility and goal setting

Datablitz 10: Inga-Lill Boman. First steps in designing an easy-to-use videophone for persons with dementia

Datablitz 11: Alexandra Ernst – Autobiographical memory facilitation in multiple sclerosis: a neuropsychological and neuroimaging approach

Session 5

2:50–3:50 Intervention Outcomes and the Evidence Base, Chair: Dr Michael Perdices

Talk 7: Jennie Ponsford – Efficacy of a Multi-Family Group Intervention following brain injury

Talk 8: Jon Evans – The Scottish Intercollegiate Guideline Network (SIGN) guideline on rehabilitation of cognitive and mood disorders after brain injury.

Talk 9: Teresa Ashman – Cognitive Behavioral Therapy for Depression Following Traumatic Brain Injury: Findings of a Randomized Controlled Trial

3:50–4:00: Plenum/Discussion

4:00–4:30: Afternoon tea and posters

Session 6

4:30–5:50 Paediatric Assessment and Rehabilitation, Chair: TBC

Talk 10: Suncica Lah – Post-traumatic amnesia in children: Natural sequence of recovery.

Talk 11: Ashok Jansari – Towards a novel ecologically-valid assessment of executive functions in children and adolescents: Could virtual reality be the answer?

Talk 12: Agata Krasny-Pacini – Paediatric goal management training for children with severe traumatic brain injury (TBI)

Talk 13: Anna Adlam – Prospective memory intervention for adolescents with acquired brain injury

5:50–6:00: Plenum/Discussion

7.00–10.30: Conference Dinner
Bolgen og Moi Restaurant
Rasmus Meyers Allé 9
5015 Bergen

POSTERS – MONDAY – Assessment and conceptualisation in rehabilitation

Holly Andrewes – Psychological outcome in association with a lack of congruency in patient/carer perspectives in brain tumour patients following surgery: Implications for therapy

Ameé Baird – Dissociation between words and number words: a case study of traumatic brain injury

Emily Bennett – Introducing baseline neuropsychological assessment for children diagnosed with a brain tumour: Reflections and Case Examples a Year on

Dirk Bertens – Ecological validity and reliability of a neuropsychological test measuring executive functioning

Silvia Bolognani – A tool for teaching case planning in neuropsychological rehabilitation : The Hypotheses Table

Hileen Boosman – The dynamic assessment approach in persons with cognitive impairments: a systematic review

Hileen Boosman – Dynamic assessment: useful for assessing learning potential in patients with ABI? Preliminary results of an ongoing study

Priscila Covre – Personal construction of self before and after a rehabilitation program

- Linda Crawford** – The role of premorbid psychological processes on outcomes following bilateral thalamic infarction: Two case examples.
- Linda Crawford** – Facilitating senior rehabilitation support workers to think reflectively improves their clinical practice and confidence
- Henk Eilander** – Feasibility of single-case study designs to evaluate neuropsychiatric treatment of behaviour and mood disorders after severe acquired brain injury
- Guri Einbu** – Back to work after stroke: A qualitative study focusing on experiences of getting back to work after stroke
- Fergus Gracey** – Who needs what and how do we know? Capturing complexity in provision of services for adults and children with Acquired Brain Injury (ABI)
- Maria Khrakovskaya** – Neuropsychological diagnostics and speech therapy method selection
- Jenny Limond** – Developing a paediatric neuropsychological intervention model: Accommodating emerging evidence from neurocognitive, developmental and psychosocial approaches
- Zacharia Louis** – Analysis of intensive inpatient neuro-rehabilitation outcomes using FIM+FAM (UK).
- Angelica Staniloiu** – The rehabilitation of dissociative amnesia
- Emily Talbot** – Encephalitis in childhood and adolescence: Considerations for rehabilitation within the developing brain
- Tanesh Bhugobaun** – Do people with acquired brain injury (ABI) gain easy access to neuro rehabilitation services across the South East of England
- Ingerd Torjussen** – In sickness and in health? The effect of ABI on couples' relationship
- Annemarie Visser-Keizer** – Development of a multidimensional fatigue scale for neurological patients
- Jill Winegardner** – Integrating the Stuss frontal lobe model into rehabilitation of executive functioning after traumatic brain injury
- Ieke Winkens** – Assessing awareness of deficit after acquired brain injury: a new tool
- Ludmila Zhavoronkova** – Posture-cognition dual-task performance in patients with traumatic brain injury

DAY 2: TUESDAY 3rd JULY

Session 7

8:30–9:50 Outcome Measurement, Chair: Professor Barbara Wilson

Talk 14: Jim Malec – Comparative Psychometric Analysis of the Mayo-Portland Adaptability Inventory (MPAI-4) in Individuals with Cerebrovascular Accident and Traumatic Brain Injury

Talk 15: Robyn Tate – Measuring support needs across the lifespan after brain injury: the Care and Needs Scales for adults and children

Talk 16: Jim Malec – A structured interview to improve the reliability and psychometric integrity of the Disability Rating Scale

Talk 17: Caroline van Heugten – An international consensus on outcome measures for neuropsychological rehabilitation research in acquired brain injury: preliminary results

9:50–10:00: Plenum/Discussion

Session 8

10:00–10:40 Psychological and Behavioural Functioning, Chair: Dr Teresa Ashman

Datablitz 12: Barbara Wilson. Do in-patients with acquired brain injury and complex needs show less awareness of their difficulties than community dwelling patients with ABI?

Datablitz 13: Sanne Smeets. Awareness of deficits and treatment motivation after acquired brain injury.

Datablitz 14: Gisela Wolters Gregorio – Passive coping is maladaptive in patients with psychiatric and behavioural problems due to acquired brain injury

Datablitz 15: Gershon Spitz – Alcohol use one to three year following traumatic brain injury

Datablitz 16: Teresa Maria Sgaramella – Neuropsychological rehabilitation in intellectual disability: strengths, weaknesses and theoretical contribution to treatment definition in complex rehabilitation interventions

10:40–11:10: Morning tea and posters

Session 9

11:10–12:30: Advances in Measuring Social and Emotional Well-being, Chair: Dr Tamara Ownsworth

Talk 18: Sara Simblett – Improving measurement of coping style following acquired brain injury.

Talk 19: Jacinta Douglas – Measuring communication-specific coping: Development and evaluation of the Communication-Specific Coping Scale

Talk 20: Fergus Gracey – Exploring the nature of self-esteem after Acquired Brain Injury.

Talk 21: Brian O'Neill – Wearable biofeedback technology in emotional work within neuro-rehabilitation

12:30–12:40: Plenum/Discussion

12:40–1:40: Lunch and posters

Session 10a

1:40–2:15 Brain Injury Outcomes in Childhood and Adolescence, Chair: Dr Suncica Lah

Datablitz 17: Emily Talbot – Encephalitis-related sleep difficulties in childhood – future research and clinical Implications

Datablitz 18: Lucia Willadino Braga – Cooperative learning and metacognition in pre-adolescents with acquired brain injury (ABI): Improving self-concept, self-regulation and quality of life

Datablitz 19: Mathilde Chevignard – The effect of age at injury and socio-economic status on recovery after childhood severe traumatic brain injury: results of a prospective study.

Datablitz 20: Solenn Béasse – Long-term outcomes following childhood and adolescence acquired brain injury: A characterisation study of adult survivors

Session 10b

2:15–2:50 Psychological and Social Functioning, Chair: TBC

Datablitz 21: Fiona Ashworth – Soothing the injured brain with compassion: Using the compassionate mind approach in holistic neuropsychological rehabilitation

Datablitz 22: Laura Nice – Changes in community travel patterns after acquired brain injury and its impact on quality of life.

Datablitz 23: Anita Freeman – An exploration of the experience of self in the social world for men following traumatic brain injury (TBI)

Datablitz 24: Ava Easton – Climb every mountain: A road to recovery

Session 11

2:50–3:30: Cognitive Reserve and Brain Stimulation, Chair: Dr Ashok Jansari

Talk 22: Fofi Constantinidou – Does cognitive reserve moderate the role of aging in cognitive aging?

Talk 23: Oded Meiron – Lateralized prefrontal current-stimulation effects during verbal working memory high-load maintenance.

3:30–4:00: Afternoon tea and posters

Session 12

4:00–5:20 Memory and Executive functions, Chair: Professor Skye McDonald

Talk 24: Satu Baylan – Striving for an Ecologically Valid Assessment of Prospective Memory

Talk 25: Breda Cullen – Clinical and experimental validation of a new computerised multi-element test

Talk 26: Catherine Haslam – Google Calendar: A memory aid to manage prospective memory deficits following acquired brain injury.

Talk 27: Fergus Gracey – The effectiveness of brief goal management training (GMT) and SMS text alerts on psychosocial functioning following brain injury: the Assisted Intention Monitoring (AIM) Trial.

5:20–5:30: Plenum/Discussion

5:30–5:40: Conference close: Professor Barbara Wilson

5:40–6:10: AGM of the WFNR NR-SIG

POSTERS – TUESDAY- Rehabilitation, treatment and management approaches

Evelyn Alvarez – Early and intensive occupational Therapy (EIOT) for delirium prevention in older patients (OP) admitted to critical care unit (CCU)

Ann Björkdahl – Effects of working memory training on functioning in daily life

Pamela Brown – The use of movement sensors and automated voice prompts to address orientation and nocturnal wandering in an individual with acquired brain injury

Priscila Covre – Is errorless learning effective for retrieval deficits? A single-subject experimental design

Gabriela Cruz – Do technological memory aids support abilities or activities? Conceptual aspects to be considered regarding the effectiveness of technological aids to support prospective memory failures

Trudi Edginton – Differential effects of visual imagery strategies for prospective memory performance in a single case study of hydrocephalus

Reymund Enteria – Integrated Interdisciplinary Team (IDT) approaches between anthroposophic and conventional medicine an effective rehab treatment programme in the recovery of a vegetative state patient following TB meningitis

Erny Groet – Case-study: EMDR-treatment of trigeminal neuralgia pain in a stroke patient

Angela Hinchcliffe – Come dine with me: shopping and cooking versus formal therapy for severe dysphasia following traumatic brain injury

Marjan Jahanshahi – A multi-centre controlled pilot study to evaluate a telemedicine system for the assisted living of people with dementia and their carers

Myung-Sun Kim – Effect of attention rehabilitation on the improvement of cognitive functions in schizophrenia patients

Anita Kjeverud – Intensive Cognitive Rehabilitation (ICR); preliminary results indicate enhancement of cognitive function and individual goal attainment

Irina Kulikova – Using guided affective imagery in psychotherapy of patients with amnesic syndrome in result of traumatic brain injury

Leyla Prince – Can Alexithymia be improved? A case study

Leyla Prince – The role of the speech and language therapist in working with couples in neurorehabilitation

- Mikael Ryman** – Can an out-patient rehabilitation program help patients with acquired brain injury to return to work?
- Sally Sainsbury** – Art as therapeutic recreation following acquired brain injury (ABI) to enhance emotional regulation
- Reidun Skøien** – A case description from Intensive Cognitive Rehabilitation (ICR)
- Reidun Skøien** – What are the benefits of Intensive Cognitive Rehabilitation (ICR)
- Erik Vikane** – A multidisciplinary treatment by patients with mild traumatic brain injury
- Jill Winegardner** – Benefits of a therapy dog in a holistic rehabilitation programme: Lambchop
- Ieke Winkens** – Behavioral problems after acquired brain injury: effects of the ABC-method
- Andrew Worthington** – A new interdisciplinary postgraduate training programme in brain injury rehabilitation: concept, delivery and evaluation
- Garcia Sánchez** – Increased self-control, reduced aggression and adjustment in self-awareness to improve psychosocial integration: A single case study