# Details of Proposed Activity for Consensus conference for an ICF Core Set for Multi-trauma Rehabilitation

### Objectives of the meeting

To reach a consensus on the most important ICF categories relevant for trauma rehabilitation applicable on a national and international level as agreed by international trauma experts.

### Authors of Preparatory Phase

I completed the majority of the work as part of my PhD. Co-authors and collaborators on my publications were Prof Karim Brohi, Prof Eva Grill and Dr. Helene Lungaard-Soberg. Initially Prof Grill published a German [systematic review](http://www.ncbi.nlm.nih.gov/pubmed/20502853) (Systematic review of measurement instruments and concepts used for functioning outcome in multiple trauma). After contacting her we agreed with the ICF research branch that I should go ahead to develop an ICF Core Set for multi-trauma rehabilitation.

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| **PREPARATORY PHASE** | **PHASE l** | **PHASE II** |
| Empirical multi-centre cross sectional study – clinical evidence | Consensus conference where candidate categories are reviewed and discussed  Development of a Comprehensive and  Brief ICF Core Set | Implementation and validation of the ICF Core Set |
| Systematic literature review |
| Qualitative study  (patient/user perspective) |
| Expert survey – on-line |

### Location of the meeting

Courtyard by Marriott London Gatwick, Buckingham Gate, South Terminal, West Sussex, RH6 0NT, United Kingdom

### Meeting dates

Thursday 13th October to Saturday 15th October 2016.

### The need for gathering the meeting

The consensus conference is the final step in the development of an ICF Core Set for Traumatic Injuries and is essential to obtain WHO endorsement and compliance with the Core Set development protocol. The ICF Research Branch, in collaboration with the WHO collaborating centre for the Family of International Classifications in Germany have developed protocols for the development of ICF Core Sets. These protocols ensure rigour and international compliance with the [development process](http://www.icf-research-branch.org/). ICF Core Sets are endorsed by the WHO to promote the use of a standardised ICF language amongst rehabilitation professionals to enable international comparison of health and disability in similar patient populations.

**Why use the ICF to measure rehabilitation outcome in major trauma/ poly trauma**

Examples of how the ICF can be used can be found [here](https://www.icf-research-branch.org/component/content/article/120-external-links/456-icf-based-documentation-form.html) and examples of electronic documentation and use [here](http://www.icf-core-sets.org/en/page0.php). We would like to be able to compare the rehabilitation needs and outcomes of trauma patients nationally and internationally to enable comparison of outcome. To date a wide variety of outcome measures have been used to measure outcome. The Trauma Core Set will be a framework for assessment of items important to patients and a structure for rehabilitation interventions. The intention is not to develop an outcome measure but rather a framework and minimum standard to guide clinicians in rehabilitation.

### Chairman

Prof Karsten Dreinhöfer, Director, Dept. for muskuloskeletal Rehabilitation, Prevention and Health Service Research, Medical Park Berlin Humboldtmühle

### Deputy Chairman

Prof Eva Grill is professor for Epidemiology and Public Health at the Ludwig-Maximilians-Universität Munich, Institute for Medical Informatics, Biometry and Epidemiology (IBE), Munich. She has developed and published several previous ICF Core Sets and will form an integral part of the conference to ensure rigour of the consensus process and protocol compliance during the consensus conference.

### Observer and collaborator

Prof. Karim Brohi. Karim Brohi is Professor of Trauma Sciences at Queen Mary, University of London and Consultant Vascular & Trauma Surgeon at Barts Health NHS Trust. The Royal London Hospital is the United Kingdom's flagship Major Trauma Centre and home to both civilian and military partners, all committed to maximising the impact of research and education in Trauma Sciences. Prof. Brohi leads an active research program at Queen Mary University of London and is the director for the Centre for Trauma Sciences (www.C4TS.com). Prof Brohi’s research interests cover the breadth of trauma sciences - from the acute damage response of the body to trauma, through all phases of trauma care from pre-hospital to rehabilitation and health services research.

### Members of the organising committee

Dr. Karen Hoffman, Trauma Research Fellow and primary researcher

Ms. Nicole Skeltys, Communications officer, Centre for Trauma Sciences (C4TS)

Dr. Helene Lungaard Soberg, Senior Lecturer, Department of Physical Medicine and Rehabilitation, Oslo University Hospital, Oslo, Norway

Dr. Scarlet Gillespie, Research Fellow, C4TS

### Expected number of participants

20-25 invited trauma experts from 5 WHO world health regions

### Method of announcement or invitation

Email invitation

### Will abstracts be pre-circulated?

Proposed Trauma ICF categories from the preliminary studies will be sent to participants in June 2016. Participants will also receive a copy of the ICF manual which contains all 1450 ICF categories. Participants will be requested to familiarise themselves with the manual or the on-line [ICF Browser](http://apps.who.int/classifications/icfbrowser/). They will be expected to complete the on-line [e-learning](http://icf.ideaday.de/en/index.html) prior to the consensus meeting in order to identify any additional categories that they may deem relevant to trauma rehabilitation.

### Will the meeting result in publications?

Yes, the final ICF Trauma Core Set (Brief and Comprehensive), endorsed by the WHO will be published in an appropriate journal. Future research studies aim to apply the final Core Set in multi-centre studies to capture rehabilitation needs and outcomes of Trauma patients. UK trauma centres and European trauma centres\* (Netherlands, Norway and Germany) have already expressed an interest to participate in research applying the proposed Core Set. More publications will follow as a result of this.

Kind regards

Dr Karen Hoffman

Trauma Research Fellow

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[www.aftertrauma.org](http://www.aftertrauma.org)

[www.c4ts.qmul.ac.uk](http://www.c4ts.qmul.ac.uk)

\*Norway – Oslo University Hospital

\*Germany – Klinikum, Medical Center of the University of Munich

- Hannover Medical School, Clinic for Rehabilitation Medicine

\*Netherlands - Department of Health Services Research and Department of Rehabilitation Medicine, Maastricht University Medical Centre

**RELATED PUBLICATIONS**

Hoffman K, Cole E, Playford ED, Grill E, Soberg HL, Brohi K. Health Outcome after Major Trauma: What Are We Measuring? PLoS One 2014; 9(7):e103082.

Khan F, Amatya B, Hoffman K. Systematic review of multidisciplinary rehabilitation in patients with multiple trauma. BJS 2011: 99(S1)88-96

Hoffman K, Playford ED, Grill E, Soberg H, Brohi K. Minimum data set to measure rehabilitation needs and health outcome after major trauma: application of an international framework. Eur J Phys Rehabil Med. 2016 Jan 8