



9.30 - 17.00
Fondazione IRCCS Istituto
Neurologico C. Besta
Biblioteca Renato Boeri,
Via Celoria, 11 Milan

Symposium

NEUROIMAGING *in* DISORDER OF CONSCIOUSNESS: *from* SUB-ACUTE *To* CHRONIC CONDITION

Registration:

Entrance to the symposium is free,
but registration is mandatory
by Friday, October 6, 2023:

<https://formazione.sigmapaghe.com>

OCTOBER 13, 2023
MILAN



Crediti ECM-CPD
ID evento: 187551.1

Ministero della Salute

GR - 2016 - 02361225

After a severe acquired brain injury, some patients may experience a Disorder of Consciousness (DoC) for a period ranging from a few months to many years. Neuroimaging techniques play a crucial role in assessing these patients, providing information about the structural and functional integrity of the brain. In particular, resting-state functional MRI (rs-fMRI) is applied to the study of DoC to detect residual brain activity. Recently, emerging evidence leads us to consider rs-fMRI in addition to a standard MRI examination as part of a multimodal assessment, as also recommended in the 2020 European Academy of Neurology (EAN) guideline.

During this Symposium we will explore the role of imaging, in particular rs-fMRI, in the study of patients with DoC, considering the sub-acute and chronic condition. The aim is to highlight the clinical usefulness of these methods in the assessment of DoC with the contribution of various experts. We are going to discuss to what extent rs-fMRI is implementable and transferable in clinical practice and what information it can provide for diagnostic and prognostic purposes.

Scientific supervisors:

Cristina Rosazza - *Besta Institute, Milan and University of Urbino, Urbino*

Anna Nigri - *Besta Institute, Milan*

Scientific committee:

Matilde Leonardi, Maria Grazia Bruzzone, Marina Grisoli, Francesca

Magnani, Mario Stanziano, Alice Deruti, Jean Paul Medina Carrion

Besta Institute, Milan

Organizing committee:

Ufficio Ricerca

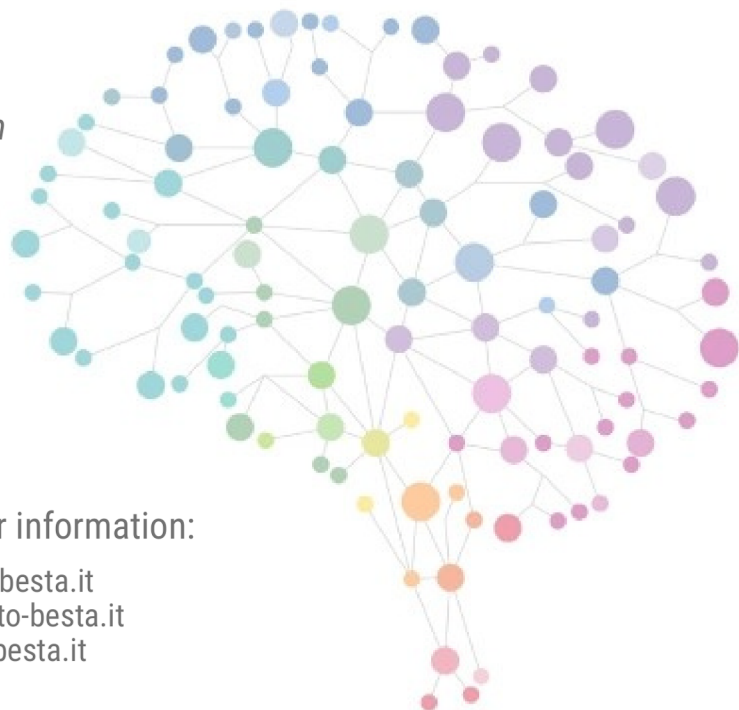
Ufficio Formazione

Ufficio Comunicazione

Besta Institute, Milan

For any queries or further information:

alice.deruti@istituto-besta.it
cristina.rosazza@istituto-besta.it
anna.nigri@istituto-besta.it



Chairs:

Marina Grisoli - Besta Institute, Milan

Davide Rossi Sebastiano - Besta Institute, Milan

9.30 - 10.00

Giuseppe Lauria Pinter, Scientific Director - Besta Institute, Milan

Matilde Leonardi, Director of Coma Research Center (CRC) - Besta Institute, Milan

Maria Grazia Bruzzone, Coordinator of CRC Neuroimaging - Besta Institute, Milan

10.00 - 11.30

Anna Nigri - Besta Institute, Milan

Multimodal imaging in DoC after 10 years in CRC

Francesca Magnani - Besta Institute, Milan

Comparison between American, European, and UK International recommendations

Mario Stanziano - Besta Institute, Milan

Structural characterization of DoC by etiology

Discussion

11.30 - 12.00

Coffee Break

12.00 - 13.30

Loretta Norton - University of Western, Ontario, Canada

Resting state fMRI in critically ill patients

Paolo Cardone - Coma Science Group, GIGA, University of Liège, Belgium

The role of multimodal imaging in the diagnosis and prognosis of DoC patients

Discussion

13.30 - 14.30

Lunch

14.30 - 16.30

Jacobo Sitt - Sorbonne University, Pitié-Salpêtrière Hospital, Paris, France

fMRI brain pattern dynamics: a new tool to characterise the consciousness state dynamics

Jean Paul Medina Carrion - Besta Institute, Milan

Resting state networks for clinical assessment in chronic DoC patients

Martin Monti - University of Los Angeles, California, USA

To fMRI or not to fMRI? Translating advanced imaging from science to the clinic

Discussion

16.30 - 17.00

Cristina Rosazza - Besta Institute, Milan and University of Urbino, Urbino

Future perspectives and closure of work

How to reach Besta Institute:



By tube: M2 Piola



By bus and tram: 93, 19, 33



By train: Milano Lambrate Station

Crediti ECM:

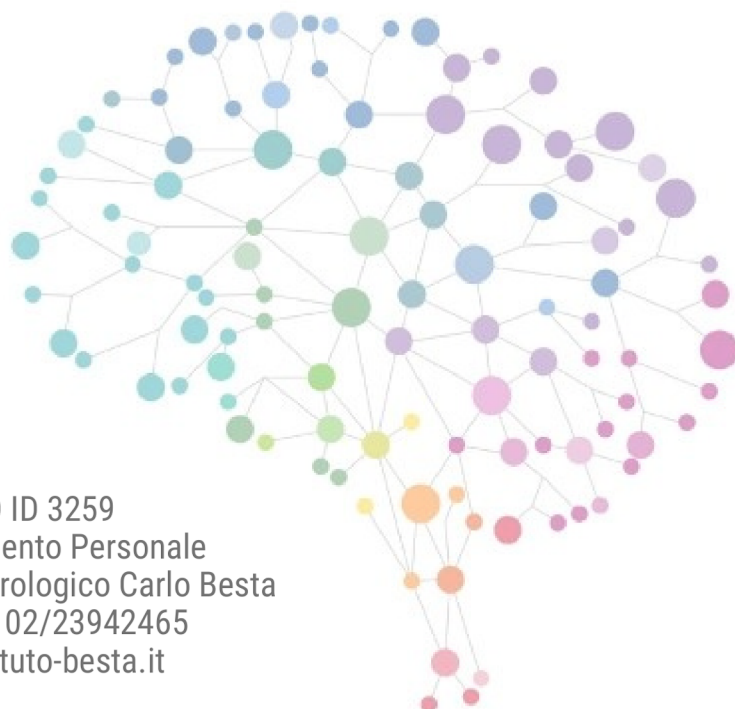
Obiettivo n. 29 (tecnico-professionali) – Innovazione tecnologica: valutazione, miglioramento dei processi di gestione delle tecnologie biomediche, chimiche, fisiche e dei dispositivi medici. Health Technology Assessment.

La soglia di partecipazione richiesta è del 100% delle ore totali previste dal programma.

Secondo le indicazioni contenute nella D.G.R. n. 19280 del 29/12/2022, all'evento formativo, accreditato ai fini ECM-CPD, sono stati preassegnati n. **5 crediti**.

L'attestato ECM sarà rilasciato solo ed esclusivamente ai partecipanti che avranno partecipato all'intero percorso, che avranno superato il questionario di apprendimento (soglia minima: 80%) e compilato il questionario di customer satisfaction.

Destinatari: Tutte le Professioni



Provider ECM-CPD ID 3259
Formazione e Aggiornamento Personale
Fondazione IRCCS Istituto Neurologico Carlo Besta
Tel. 02/23942547 – Fax 02/23942465
Mail: formazione@istituto-besta.it