UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Rehabilitation of The Severe Brain Injury

2122-3-I0201D143-I0201D226M

Aims

Analyze the main observable dysfunctions and their influence in the recover of the autonomy. Use the proper efficacy indicators and to plan the rehabilitative intervention. Rehabilitative assessment, the multidisciplinary assessment in the most common neurologic diseases, the dimensions of the individual rehabilitative project and its application

The meaning of rehabilitative sign, the therapeutic relationship and the role of the rehabilitative team, the rehabilitation models, the clinical and methodological aspects that concern the major cerebral lesions, set up the assessment of the patient in a coma, diversify the rehabilitative approaches based on the presentation neurological patterns.

Contents

Detailed program

- Use of movies representing patients with central nervous system damage, group work

- The most common dysfunctions and their relationship in the general autonomy recover

- Most appropriate efficacy indicators

- Planning of the intervention based on the “problem solving” approach, possible complications and their solutions - Focus on guidelines for: therapeutic intervention post Botox patient affected by omolateral push syndrome subjects with functional upper limb potential, treatment based the constraint therapy protocols

- rehabilitative assessment

- the multidisciplinary assessment in the most common neurological diseases

- assessment scales and their use settings

- the assessment, the rehabilitative protocols

- from the assessment to the rehabilitative project

- the individual rehabilitative project. Rehabilitative treatment, hospital and patient characteristics related to the time. Design in the uncertainly.

- General outcome, functional outcome, immediate outcome, short and brief term outcomes.

- Follow-up

- From the individual rehabilitative project to the rehabilitative program.

- the rehabilitative sign as first planning moment of the rehabilitative intervention.

- The process and success indicators in assessment, beginning from the exams of physiological respiratory clinics, monitoring of the gas exchanges in order to assess the amount of respiratory disability

- Assessment scales. Quality of life indexes. The BODE index: global assessment of disability and meta-index as survival predictor.

- The rehabilitative competence during the choice time in the rehabilitative process.

- Sharing of the objectives with the other professionals of the rehabilitative team

- Care as a therapy

- Post acute rehabilitation

- The chronicized disease as paradigm of the disease of the future.

- The concept of disability and the integration of the global motor ability, I. C. F. WHO 2001. - Understand of the “damaget”.

- Primary and secondary and tertiary damage.

- Definition of the limits and obstacles to the rehabilitative process.

- Diachronic and synchronic methods in rehabilitation

- Definition and search of guidelines in the literature

- Research in rehabilitation

- the coma

- the vegetative state - the minimal consciousness state

- neurological patterns of presentation of post cadio-circulatory failure patient - the locked-inn patient

- the akinetic mutacism

Prerequisites

Teaching form

Lectures

Textbook and teaching resource

- Progettare la riabilitazione il lavoro in team professionale - Nino Basaglia – EDIERMES L'ESERCIZIO IN MEDICINA RIABILITATIVA V.M.Saraceni e D.A.Fletzer

- E-learning handouts – e-learning platform Introduzione alla medicina riabilitativa c. Cerri BA Graphis edizioni Napoli

Semester

1st semester

Assessment method

Described in the subject's syllabus

Office hours

By appointment