Overweight after traumatic brain injury: Frontal syndrome or endocrine disorder?

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Keywords: Severe traumatic brain injury; Hypopituitarism; Screening.

Introduction.– Hypopituitarism is common after traumatic brain injury (TBI) and may decline spontaneously. The purpose of our work is to report a case of late-onset anterior pituitary dysfunction, comparing to the current literature and screening strategy.

Case report.– A 19-year-old man, suffered from a frontal syndrome involving disinhibition, boulinc behavior with weight gain of 8 kg at 3 months post-severe TBI. The systematic endocrine assessment, at that moment, is normal. We check it 6 months later because of the persistence of weight gain, 7 kg over the pre-TBI weight, despite restrictive diet. A thyrotropic deficiency was found associated with an hypocortisolism. Overweight persisted despite adapted substitutive treatment.

Discussion.– In a study involving 48 cases, thyrotropic deficiency is found, in only one patient at 6 months after the TBI, while it was normal before [1]. However, the cortisol deficiency is often reported. A screening strategy emerges from the expert conference of 2011 about screening endocrine deficits after TBI. They advise the early morning basal cortisol measure, in TBI’s patient hospitalized at least 24 h, presenting tomographic abnormalities or clinically signs of hypocortisolism. The endocrine assessment should be performed at 6 months if clinical findings suggest hypopituitarism, and systematically at 12 months. After the first year, in severe TBI, no new onset hormone deficiency was defined, then, no more investigation is required [2]. In addition, unspecific clinical signs, as in our case, major weight gain, should sound a warning to the need to repeat the endocrine assessment during the first year in severe TBI. This reason must be raised especially if there are behavioral or cognitive disorders.

References
http://dx.doi.org/10.1016/j.rehab.2013.07.125

Parenthood and disability: Care pathway of a mother with cerebral palsy

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Keywords: Cerebral palsy; Parenthood; Pregnancy

Introduction.– Becoming a parent for a person with a disability, ask questions similar but different than those so-called “valid”. It is necessary that the future parent can identify specific issues.

Observation.– At the beginning of 2012, Ms. D, suffering from a dyskinetic cerebral palsy contact BreizhPC networks for her take care during pregnancy.

Links were made automatically with the PMI, following the declaration of pregnancy. The project to accompany this single mother in the arrival of her first child was the proper identification of all possible support in order to offer a maximum assistance particularly on the early days of the arrival of the child.

In the same time a specific rehabilitation is set up to manage the physical effects of pregnancy on disability and study aids and adaptations necessary for the daily management of the child by the mother.

The physiotherapist worked on movements and postures within the framework of a physical training adapted to the capabilities.

The occupational therapist worked on the adaptation of nursery equipment.

The psychologist worked on the experience of Ms relative to its own histories and questioning about the consequences of the arrival of this baby in his life.

Results.– More than a year after the onset of this story mom and her baby live in an apartment which is totally adapted. They benefit from human assistance 22 hours on 24 every day.

Discussion.– It seemed interesting to share our experience to help health professionals who could be confronted with this situation and future parents with disabilities.

http://dx.doi.org/10.1016/j.rehab.2013.07.126

Superior mesenteric artery syndrome and denutrition

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Keywords: Callosal disconnection syndrome; Stroke; Left-handed patient

Introduction.– The corpus callosum is the major structure connecting both cerebral hemispheres. It is composed of four parts (rostrum, genu, body, splenium), each of which connects different brain areas. Corpus callosal lesions in stroke are very rare. Memory disorders, language and gesture disturbances may reveal CDS [1]. In the literature, these symptoms are usually lateralized. In right-handed subject, callosal disconnection including left tactile anomia, left hemialexia, right verbal anosmia, left agraphia are described. Concerning