

What could be hidden behind an Headache

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Starting from a Clinical Case The AA analyze the characteristic of CDH in Childhood .

Focus the Attention on peculiarity of taking an history with a child, they stress the transformation that the brain has during the developmental age (0/18y) and the need to apply specific modalities to receive the proper informations. The risk is to “suggest” the answers to the child if we apply a standard modality of taking an history. Children are not “little adults” so the perspective should be focused on their specific moment of evolution.

The border between organic and psychic aspects in infancy and early and late childhood is very subtle; this is particularly true in Daily Chronic Headache patients and the clinician need to be aware of this and assume a “mental habit” as wide as possible.

Headache do not appear “in vacuo” and the background of the patients characteristic and history should be carefully detected.

Qol and Life events play a fundamental role in the clinical aspects of headache in Ch and Adolescence so the familial environment.

The presence of Migraine Precursors and Comorbidities are extremely relevant in determining the frequency, the aspects and the follow up of H. itself.

Genetic and Epigenetic together play an intriguing role in clarify the evolution of H.

Diagnostic levels start since the neonatal period and progressively characterized all the life of the child.

To take care of Headache in childhood presume a multidisciplinaire perspective in which neurological, medical, psychological, cognitive, social and familial influences interfere with the evolution of the child.

References

- 1) R.Hunter : “Epigenetic effects of stress and corticosteroids in the brain *Frontiers in Cellular Neuroscience* Vol 6, 16:1-8 ,2012
- 2) E. Eising, NA Datson, ANJM Van der Maagdeberg, M.Ferrari: “ Epigenetic mechanisms in migraine: a promising avenue?”
BMC Medicine Feb , 11,26, 2013
- 3) SS Seshia, C.Wober-Bingol and V.Guidetti: “ The Classification of Chronic Headache: room for further improvement?”
Cephalalgia 30,10:1268-70, 2010

Since 1991, he has taught Child and Adolescent Neurology and Psychiatry in the University of Rome "La Sapienza".

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He is member of the International Headache Society since its foundation (Munich 1983)

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He had published 450 papers (almost an half on international journals).

He is the main Editor of the book "Migraine and Headache in Children and Adolescents" (Martin Dunitz, Publisher, London 2002). He published 35 chapters in International Books. In 2007 He wrote the first book on Childhood and Adolescence Headache in Portuguese Language. He published many books in Italian language.

His main domain of study is paediatric headache (diagnosis, therapy, comorbidities, prognosis, psychological factors), even if he studied and published papers on neurologic syndromes, sleep and eating disorders, mood disorders and epilepsy in children and adolescents.

Associated Editor of the "Journal of Headache and Pain" (foundation-2010).

He is member of the Editorial Board of Cephalalgia (the official journal of the International Headache Society). He is member of the international Editorial Board of the journals "Functional Neurology", "Seminars in Headache Management" and "Eating and Weight Disorders", "Brain", "European Journal of Neurology", "Headache". He presented papers in 313 congresses (102 international congresses). He has been invited for Magisterial Lectures in Brasil, Chile, China, Chorea, Holland, Hungaria, Georgia, Japon, Norway, Turkey, USA. He organized the Teaching Courses on Childhood and Adolescent Headache in the IHS International Congresses of London 2000, New York 2001, Rome 2003, Kyoto 2005, Stockholm 2007, Filadelfia 2009, Berlin 2011, in the International Congresses on Childhood Headache Wien 2004, Istanbul 2008 and in the Xth International Congress of Child Neurology, Daegoo (Chorea) 2009