

MEETING ABSTRACT

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EHMTI-0228. A clinical interview versus prospective headache diaries in the diagnosis of menstrual migraine without aura

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From 4th European Headache and Migraine Trust International Congress: EHMTIC 2014 Copenhagen, Denmark. 18-21 September 2014

Introduction

The International Classification of Headache Disorders (ICHD) II and III beta defines menstrual migraine as attacks of migraine without aura occurring on day 1 ± 2 of the menstrual cycle in $\geq 2/3$ menstruations. According to the ICHD III beta, a three month prospective headache diary is required in order to establish the diagnosis of MM.

Aims

To compare the diagnosis of MM from a clinical interview based on the ICHD II-criteria for MM, with prospective headache diaries in a population-based study.

Methods

237 women with self-reported migraine in at least half of menstruations were interviewed by a neurologist about headache and diagnosed according to ICHD II. Additionally, the MM-criteria were expanded to include other types of migraine related to menstruation. Subsequently, all women were asked to complete three month prospective headache diaries.

Results

A total of 123 (52%) women completed both clinical interview and diaries. Thirty-eight women were excluded from the analyses; two had incomplete diaries and 36 women recorded ≤ 1 menstruation, leaving 85 diaries eligible for analysis. Sensitivity, specificity, positive and negative predictive value and Kappa for the diagnosis of MM in clinical interview vs. headache diary were 82%, 83%, 90%, 71% and 0.62 (95% CI 0.46-0.80). Using

a broader definition of MM, Kappa was 0.64 (95% CI 0.47-0.83).

Conclusion

A thorough clinical interview is valid for the diagnosis of MM. When this is undertaken, prospective headache diaries should not be mandatory to diagnose MM but may be necessary to exclude a chance association.

No conflict of interest.

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Published: 18 September 2014

doi:10.1186/1129-2377-15-S1-D68

Cite this article as: Vetvik et al.: EHMTI-0228. A clinical interview versus prospective headache diaries in the diagnosis of menstrual migraine without aura. *The Journal of Headache and Pain* 2014 **15**(Suppl 1):D68.

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