

To Have a Head, 2017
Dana Schutz (American, born 1976)

Does vestibular migraine exist? Con

Prof Jan Versijpt, MD PhD
Neurologist @UZ Brussel



Full name of presenting author	Jan Versijpt
Affiliation of presenting author	UZ Brussel, Brussels - Belgium
Potential COIs	
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Other	None

*Vestibular migraine is not a validated entity
&
therefore not ready entering the core part of the ICHD*

There is not a single robust discriminator



Dizziness and vertigo during the prodromal phase and headache phase of migraine: A systematic review and meta-analysis

**Afrim Iljazi^{1,2,*}, Håkan Ashina^{1,*}, Richard B Lipton³,
Basit Chaudhry¹, Haidar M Al-Khazali¹, James G Naples⁴,
Henrik W Schytz¹, **Vlasta Vukovic Cvetkovic¹**, Rami Burstein⁵
and Sait Ashina⁶**

Cephalalgia

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Nonheadache feature	Sessions where each nonheadache feature was reported, %		
	Premonitory (n = 803)	Headache (n = 559)	Postdrome (n = 425)
Tired/weary	72.5	84.3	88.2
Dizziness	22.9	31.1	19.3
Lots of energy/hyperactivity	5.2	2.7	2.4
Yawning	27.8	25.4	13.9
Pale face	17.6	32.2	21.4
Stiff neck	49.7	62.8	41.9
Light sensitive	48.8	*	36.0
Noise sensitive	38.4	*	31.8
Blurred vision	28.0	34.7	17.4
Sensitive skin	5.7	9.3	5.2
Constipation	5.6	6.6	6.8
Frequent urination	16.2	24.3	21.2
Nausea/vomiting	23.5	*	14.8
Hunger/food craving	18.2	18.1	15.1
Thirst	26.0	32.2	32.2
Intolerant/irritable	38.6	41.0	28.5
Emotional	24.3	29.9	23.5
Difficulty with thoughts	34.6	50.5	33.4
Difficulty reading or writing	20.2	39.2	16.9
Difficulty with speech	9.0	19.9	8.5
Difficulty with concentration	51.1	72.6	55.5
Other	53.8	34.5	43.8

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RESEARCH SUBMISSION







Hyperactivity of the medial thalamus in patients with photophobia-associated migraine



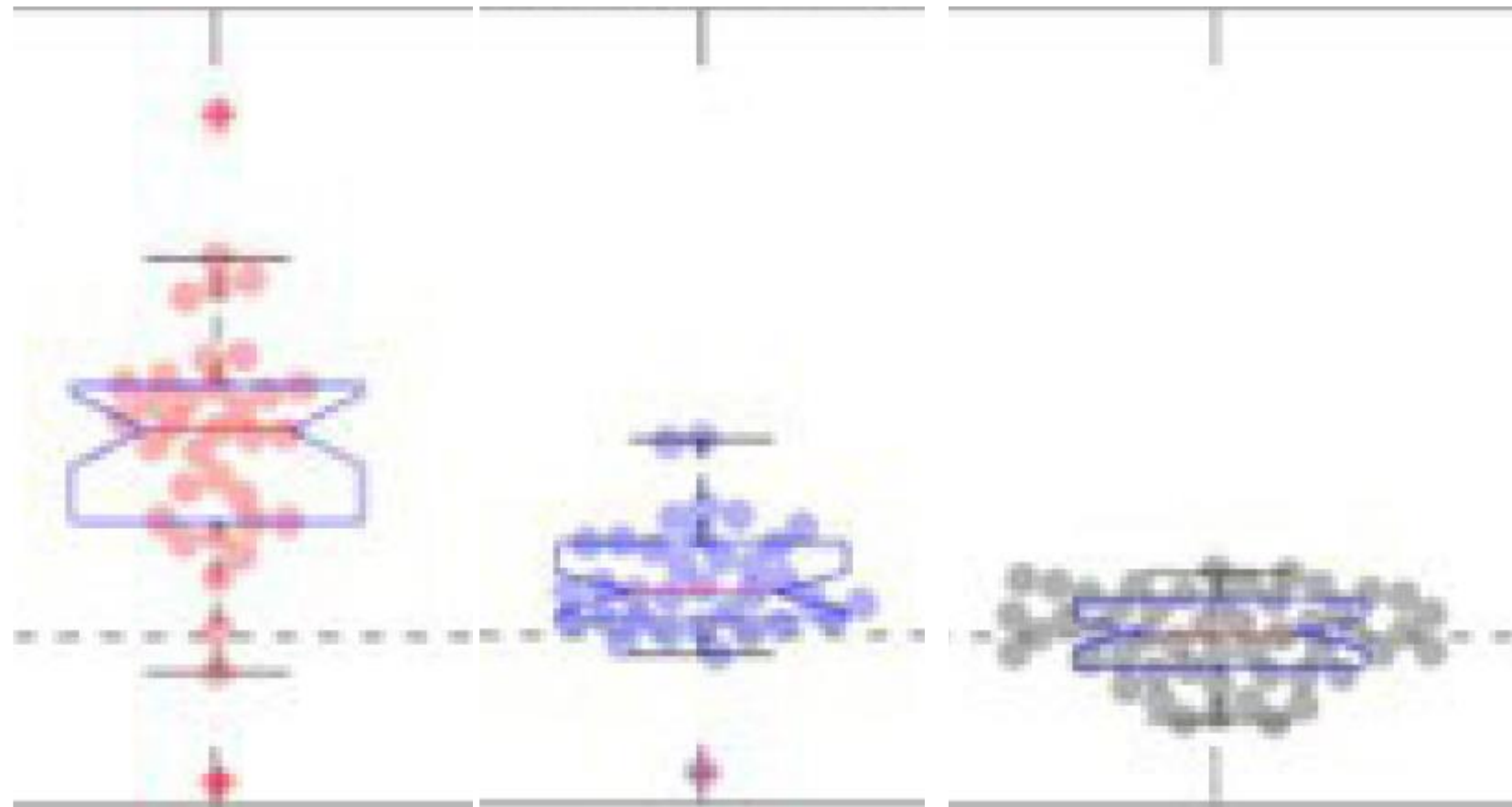
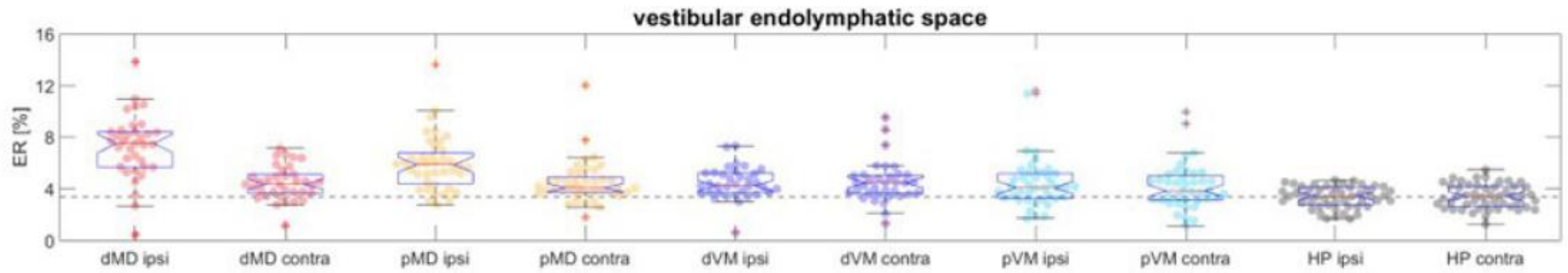
OPEN ACCESS

Original research

Imaging endolymphatic space of the inner ear in vestibular migraine

Valerie Kirsch ^{1,2} Rainer Boegle,^{1,2} Johannes Gerb ^{1,3} Emilie Kierig ^{1,3}
Birgit B Ertl-Wagner,⁴ Sandra Becker-Bense ^{1,3} Thomas Brandt ^{1,2}
Marianne Dieterich ^{1,2,3,5}

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RESEARCH SUBMISSION

A placebo controlled, randomized clinical trial of galcanezumab for vestibular migraine: The INVESTMENT study



Jeffrey D. Sharon MD¹  | Roseanne Krauter FNP¹ | Ricky Chae BA¹  |
Adam Gardi BS¹ | Maxwell Hum BS¹ | Isabel Allen PhD² | Morris Levin MD³

TABLE 2 Summary of outcomes for the INVESTMENT trial.

	Placebo	Galcanezumab	Difference	p-value	Effect size
N (mITT)	21	17			
Change in VM-PATHI score	-5.1 (SD 17.3)	-14.8 (SD 16.1)	-9.6 (95% CI -20.7 to -1.5)	0.044*	0.56
Change in DHI	-8.3 (SD 15.0)	-22.0 (SD 19.3)	-13.7 (95% CI -20.4 to -8.5)	0.017	0.98
Change in DDD Count	-5.6 (SD 7.9)	-11.3 (SD 7.2)	-5.7 (95% CI -10.7 to -0.7)	0.026	1.02
Effectiveness	1.1 (SD 1.2)	2.1 (SD 1.1)	1.1 (95% CI 0.3 to 1.8)	0.0067	0.89
GAD-7	-2.0 (SD 0.86)	-3.9 (SD 4.2)	-1.9 (95% CI -4.6 to 0.7)	0.152	
PHQ-9	-3.0 (SD 4.4)	-4.9 (SD 5.4)	-1.9 (95% CI -5.2 to 1.3)	0.232	
PROMIS SF Global Health v1.2- Physical Subscale	1.9 (SD 6.4)	5.3 (SD 7.0)	3.4 (95% CI -1.0 to 7.8)	0.129	
PROMIS SF Global Health v1.2- Mental Subscale	3.2 (SD 8.3)	4.8 (SD 5.3)	1.6 (95% CI -3.1 to 6.3)	0.494	
HIT-6	-1.8 (SD 4.4)	-3.5 (SD 3.3)	-2.9 (95% CI -7.2 to 1.4)	0.184	

It merely creates confusion

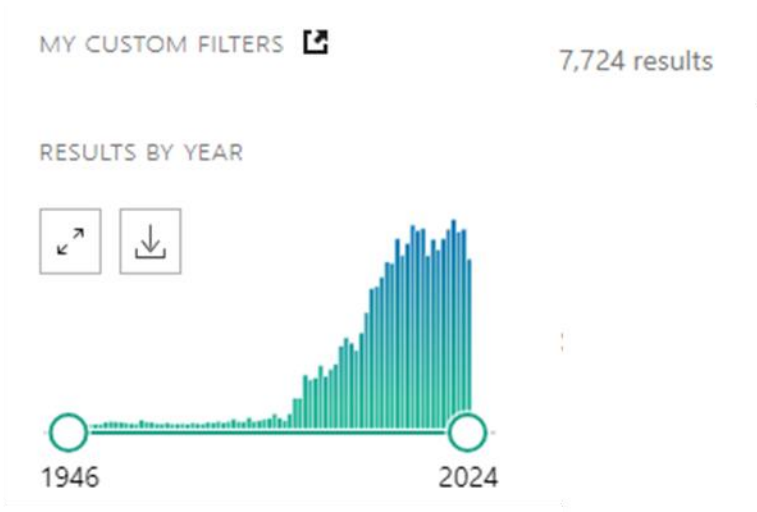
1.2.2 Migraine with brainstem aura

Previously used terms: Basilar artery migraine; basilar migraine; basilar-type migraine.

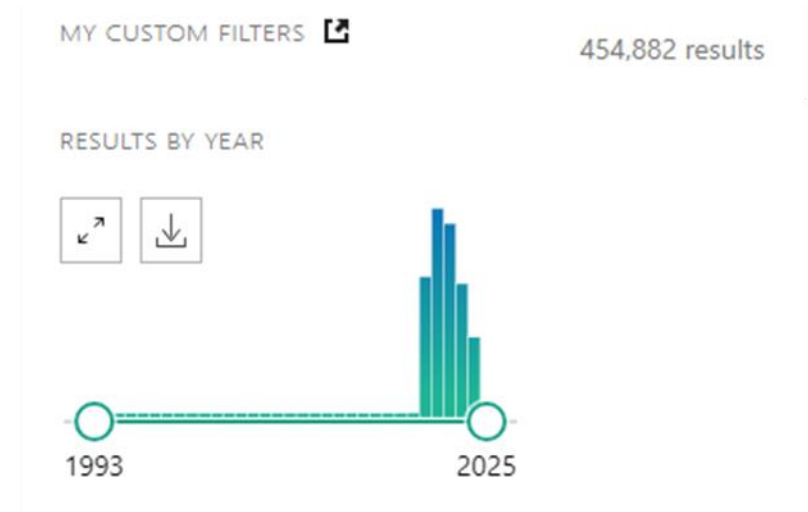
Description: Migraine with aura symptoms clearly originating from the brainstem, but no motor weakness.

Diagnostic criteria:

- A. Attacks fulfilling criteria for 1.2 *Migraine with aura* and criterion B below
- B. Aura with both of the following:
 - 1. at least two of the following fully reversible brainstem symptoms:
 - a. dysarthria¹
 - b. vertigo²
 - c. tinnitus
 - d. hypacusis³
 - e. diplopia⁴
 - f. ataxia not attributable to sensory deficit
 - g. decreased level of consciousness (GCS ≤ 13)⁵
 - 2. no motor⁶ or retinal symptoms.



migraine with brainstem aura OR basilar (artery) migraine OR basilar-type migraine



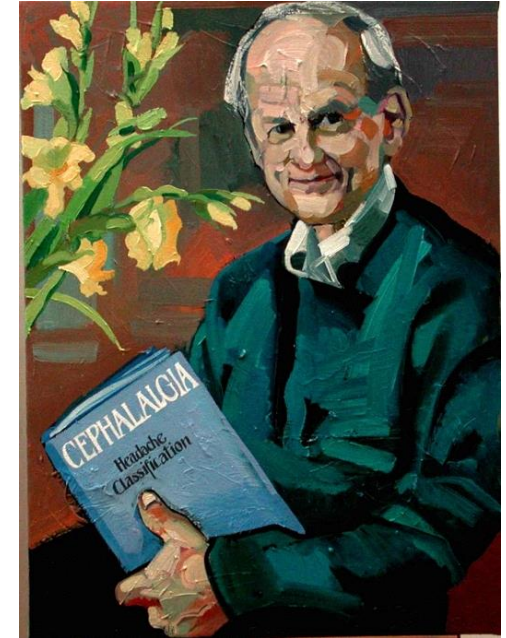
Sars-Cov-2 OR Covid-19

Slippery slope for 'atypical' headache

Out of respect for Prof Olesen and his baby

The International Classification of Headache Disorders 2nd Edition

1st revision (May, 2005)



scientifically. In order to stimulate such studies, we have included an appendix which describes a number of orphan disorders that need validation. We also present a few alternative criteria that can be tested against the official ones.

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