Manuscript ID: EJoN-19-0749

Title: World Brain Day 2019; Migraine-The Painful Truth

List of authors:

Tissa Wijeratne^{1,2,4*}David Dodick ³, Wolfgang Grisold ⁵ William Carroll⁶

¹Department of Neurology, Sunshine Hospital, Western Health, VIC, Australia

² School of Psychology & Public Health, Department of Psychology & Counselling, La Trobe

University, Bundoora, VIC, Australia

³ Department of Neurology, Mayo Clinic, Phenix, Arizona, USA

e-mail: Dodick.David@mayo.edu

⁴ Department of Medicine, AIMSS, Melbourne Medical School – WHCRE, University of

Melbourne, Sunshine Hospital, St Albans, VIC, Australia

⁵ Ludwig Boltzmann Institute for Experimental and Clinical Traumatology

Donaueschingenstraße 13

A-1200 Vienna

Austria

e-mail: wolfgang.grisold@wfneurology.org

⁶Department of Neurology

Sir Charles Gairdner Hospital

Hospital Avenue

Nedlands

WA 6009

Australia

e-mail: wm.carroll@wfneurology.org

This is the author manuscript accepted for publication and has undergone full peer review but has not been through the copyediting, typesetting, pagination and proofreading process, which may lead to differences between this version and the <u>Version of Record</u>. Please cite this article as <u>doi:</u> <u>10.1111/ene.14045</u>

This article is protected by copyright. All rights reserved

Correspondence:

Professor Tissa Wijeratne e-mail: Tissa.wijeratne@wh.org.au Word count: 645 Running title: Headache disorders

Keywords: migraine, disability, advocacy, diagnosis, treatment

Disclosures:

TW, WG, WC has nothing to disclose. DD has provided consultation, within the past 5 years, to Acorda, Allergan, Amgen, Alder, Promius, eNeura, Eli Lilly & Company, Insys Therapeutics, Autonomic Technologies, Teva, Xenon, Tonix, Trigemina, Boston Scientific, Nocira, Zosano, Biocentric, Biohaven, Magellan, Theranica, CharlestonLaboratories, Supernus, Gore and Electrocore. Royalties: Oxford University Press and Cambridge University Press (book royalty); he receives editorial/honoraria from UpToDate, MedNet LLC, Peer View Institute for Medical Education, Medicom, Chameleon Communications, Medscape, WebMD, Academy for Continued Healthcare Learning, Haymarket Medical Education, Global Scientific Communications, HealthLogix, Miller Medical, Academy for Continued Healthcare Learning, MeetingLogiX, Wiley Blackwell, Medicom; stock/options: Nocira, Epien, Healint, Theranica, and Mobile Health; he has a consulting use agreement with NAS and Myndshft; he has a board position at King-Devick Technologies, Inc. and Epien Inc.

Auth

PROFESSOR TISSA WIJERATNE (Orcid ID : 0000-0002-1701-7111)



Letter to the Editor

Every year, the World Federation of Neurology (WFN) celebrates World Brain Day (WBD) on July 22 (the official anniversary of WFN) with each year focusing on a different theme. This year the theme is "Migraine, The Painful Truth". Migraine is the number one cause of disability affecting people under the age of fifty years (the group with the highest contribution to the worldwide workforce) making it one of the highest negative economic impacts globally(1-3). According to the latest analysis from the Global Burden of Disease (3) study, almost 3 billion people had a headache disorder in 2016, including 1.04 billion with migraine(3). Unfortunately, despite the prevalence and public health burden, migraine research remains seriously underfunded, the disease and people with migraine and other headache disorders experience substantial stigma, and migraine continues to be under-diagnosed and poorly managed, especially in developing countries. (4, 5)

Background

World Brain Day (WBD) is an annual event that occurs on July 22 to commemorate the establishment of the WFN in 1957. WBD is intended to improve awareness and promote advocacy related to neurological disease.

The lack of research, educational programs and clinical services dedicated to migraine in low and low to middleincome countries is alarming(6). 2019 World Brain Day provides an exceptional opportunity to advocate for the urgent need of health care services, education, and research on one of the world's most prevalent and disabling diseases.

The WFN is the main global non-governmental organization, it has official relations with the WHO and strongly supports the WHO campaign against non-communicable diseases of which migraine is a major representative. The WFN comprises 120 mainly national member associations with more than 50,000 individual neurologists. It is hoped that most if not all WFN member societies will undertake public awareness programs, educational activities, and social media activities to address the painful truth about migraine on July 22, 2019. For the occasion of this WBD, the WFN has worked jointly with the IHS and experts affiliated with a range of advocacy organisations throughout the world.

WFN member national societies are encouraged to promote and celebrate the WBD in their own country, and also report on their activities. They receive promotional material and a press tool kit to help with press contacts and mailing. For this year again, a professional press campaign has been initiated. One of the highlights will be a webinar, which will take place on the WBD.

The WFN in partnership with IHS invites all neurologists, advocacy organizations, patients, bloggers dedicated to migraine and other headache disorders, and brain health activists to become part of this WBD campaign (4). You can participate by just posting our banner advertisement on your page sharing our posts, messages and videos to your friends and colleagues. You can partner with local neurology societies and organisations for participation and promotion of these activities.

You can access the World Brain day 2019 toolkit here https://www.wfneurology.org/world-brain-day-2019.

This article is protected by copyright. All rights reserved

We encourage all EJN readers to join us to advocate for Migraine; The Painful Truth. Together let us build a better world for those affected by neurological disease.

1. Steiner TJ, Stovner LJ, Vos T, Jensen R, Katsarava Z. Migraine is first cause of disability in under 50s: will health politicians now take notice? J Headache Pain. 2018;19(1):17.

2. Collaborators GBDH. Global, regional, and national burden of migraine and tension-type headache, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurol. 2018;17(11):954-76.

3. Wijeratne T CD, Crewther T, editor Migraine: The Greatest Disability of All in Australia. Neuroepidemiology; 2018 16th November 2018.

4. Wijeratne T. Out of sight, out of mind, Migraine the hidden cost of disability <u>https://www.youtubecom/watch?v=1UzdkECbNDo</u>. 2018.

5. Mateen FJ, Dua T, Steiner T, Saxena S. Headache disorders in developing countries: research over the past decade. Cephalalgia. 2008;28(11):1107-14.

6. Grisold W Struhal W, Grisold T. ADVOCACY IN NEUROLOGY. [Oxford]: OXFORD UNIV Press; 2019.

Author Manu