



COVER IMAGE

Brain magnetic resonance imaging of a 60-year-old patient presenting with ataxia, chorea, and mild cognitive impairment. The images show cerebellar atrophy and diffuse atrophy in the brainstem and cerebrum. Stylied by Kaitlyn Aman Ramm, Digital Multimedia/Graphics Coordinator.

See page 618

IN FOCUS

591 Spotlight on the October 4 Issue

592 This Week's Neurology® Podcast

EDITORIALS

593 Helping Families With Fateful Decisions

N. Yechoor and J. Rosand

595 Adding Cardiac CT to the Hyperacute Stroke CT Protocol: Don't Leave the CT Scanner Without Imaging the Heart

M.W. Parsons and C. Garcia-Esperon

597 COVID-19 Exposures, Vaccines, and Acute Ischemic Stroke Risk: On Balance and in Balance

A.N. Simpkins and S. Cheng

RESEARCH ARTICLES: SHORT FORMAT

Full articles at [Neurology.org/N](https://www.neurology.org)

599 Pilot Randomized Clinical Trial of a Goals-of-Care Decision Aid for Surrogates of Patients With Severe Acute Brain Injury

S. Muehlschlegel, K. Goostrey, J. Flahive, Q. Zhang, J.J. Pach, and D.Y. Hwang

Editorial, p. 593 Class of Evidence

600 Diagnostic Yield of ECG-Gated Cardiac CT in the Acute Phase of Ischemic Stroke vs Transthoracic Echocardiography

L.A. Rinkel, V. Guglielmi, C.F.P. Beemsterboer, N.-S. Groeneveld, N.H.J. Lobé, S.M. Boekholdt, B.J. Bouma, F.F. Muller, L.F.M. Beenens, H.A. Marquering, C.B.L.M. Majoe, Y.B.W.M. Roos, A. van Randen, R.N. Planken, and J.M. Coutinho

Editorial, p. 595 Podcast

601 Acute Arterial Ischemic Stroke Following COVID-19 Vaccination: A Systematic Review and Meta-analysis

M.-I. Stefanou, L. Palaiodimou, D. Aguiar de Sousa, A. Theodorou, E. Bakola, D.E. Katsaros, P. Halvatsiotis, E. Tzavellas, A. Naska, J.M. Coutinho, E.C. Sandset, E.J. Giamarellos-Bourboulis, and G. Tsivgoulis

Editorial, p. 597

602 Changes in Sleep Pattern During the COVID-19 Lockdown in Patients With Narcolepsy, Idiopathic Hypersomnia, and Restless Legs Syndrome

L. Barateau, S. Chenini, A.L. Rassu, C. Denis, Q. Lorber, C. Dhalluin, R. Lopez, I. Jaussent, S. Beziat, and Y. Dauvilliers

CME Course

603 Prepandemic Alzheimer Disease Biomarkers and Anxious-Depressive Symptoms During the COVID-19 Confinement in Cognitively Unimpaired Adults

M. Akinci, C. Peña-Gómez, G. Opero, S. Fuentes-Julian, C. Deulofeu, G. Sánchez-Benavides, M. Milà-Alomà, O. Grau-Rivera, N. Gramunt, A. Navarro, C. Minguilón, K. Fauria, I. Suridjan, G. Kollmorgen, A. Bayfield, K. Blennow, H. Zetterberg, J.L. Molinuevo, M. Suárez-Calvet, J.D. Gispert, and E.M. Arenaza-Urquijo, for the ALFA Study

OPEN ACCESS CME Course

604 Natural History of Friedreich Ataxia: Heterogeneity of Neurologic Progression and Consequences for Clinical Trial Design

C. Rummey, L.A. Corben, M.B. Delatycki, G. Wilmot, S.H. Subramony, M. Corti, K. Bushara, A. Duquette, C. Gomez, J.C. Hoyle, R. Roxburgh, L. Seeberger, G. Yoon, K. Mathews, T. Zesiewicz, S. Perlman, and D.R. Lynch

OPEN ACCESS

605 The Phenotypic Continuum of ATP1A3-Related Disorders

A. Vezyroglou, R. Akilapa, K. Barwick, S. Koene, C.A. Brownstein, M. Holder-Espinasse, A.E. Fry, A.H. Németh, G.K. Tofaris, E. Hay, I. Hughes, S. Mansour, S.R. Mordekar, M. Splitter, P.D. Turnpenny, D. Demetriou, T.T. Koopmann, C.A.L. Ruivenkamp, P.B. Agrawal, L. Carr, V. Cloves, N. Ghali, S.E. Holder, J. Radley, A. Male, S.M. Sisodiya, M.A. Kurian, J.H. Cross, and M. Balasubramanian

OPEN ACCESS

AHEAD OF PRINT ARTICLES AND EDITORIALS

[NPub.org/aheadofprint](https://www.neurology.org/aheadofprint)

Continued

606 Newborn Screening for Spinal Muscular Atrophy in New York State: Clinical Outcomes From the First 3 Years

B.H. Lee, S. Deng, C.A. Chiriboga, D.M. Kay, O. Irumudomon, E. Laureta, L. Delfiner, S.O. Treidler, Y. Anziska, A. Sakonju, C. Kois, O. Farooq, K. Engelstad, A. Laurenzano, K. Hogan, M. Caggana, C.A. Saavedra-Matiz, C.F. Stevens, and E. Cifaloni

607 Physical and Mental Health–Related Quality of Life Trajectories Among People With Multiple Sclerosis

J. O'Mahony, A. Salter, B. Ciftci-Kavaklıoglu, R.J. Fox, G.R. Cutter, and R.A. Marrie

OPEN ACCESS

608 Migraine, Migraine Disability, Trauma, and Discrimination in Sexual and Gender Minority Individuals

N. Rosendale, E.L. Guterman, J. Obedin-Maliver, A. Flentje, M.R. Capriotti, M.E. Lubensky, and M.R. Lunn

OPEN ACCESS

609 Acupuncture for Patients With Chronic Tension-Type Headache: A Randomized Controlled Trial

H. Zheng, T. Gao, Q.-H. Zheng, L-Y Lu, T-H Hou, S-S Zhang, S-Y Zhou, X-Y Hao, L Wang, L Zhao, F-R Liang, and Y Li

Class of Evidence Infographic Patient Page

NeuroImages**610 Cerebellar Swelling Followed by Atrophy in Anti-Homer-3 Antibody–Associated Cerebellitis**

Y. Hu and Q. Sun

612 Spastic Paraparesia and Ataxia in a Welder

L. Mumoli, V. Vescio, and D. Bosco

Resident & Fellow Section**614 Child Neurology: Functional Evaluation of the Dominant Hemisphere Using Magnetoencephalography Prior to Hemispherectomy**

S. Pavuluri, V. Gumenyuk, S. Koh, A. Salehi, S. Cathcart, and O. Taraschenko

618 Clinical Reasoning: A 60-Year-Old Man With Ataxia, Chorea, and Mild Cognitive Impairment

A. Sugiyama, C. Nishigori, M. Tsujimoto, Y. Togawa, and S. Kuwabara

Video

625 Pearls & Oy-sters: Hemiballism and Orbitofrontal-like Syndrome in a Patient With Unilateral Tuberothalamic Stroke

N. Grassl, A.D. Ebert, K. Szabo, Y. Aghazadeh, M. Platten, and A. Alonso

Video

628 Teaching NeuroImage: Dura Mater Thickening and Enhancement in Anti-NMDAR Encephalitis

C. Xia and H.-S. Chen

Patient Page**e1570 Acupuncture Treatment for Chronic Tension-Type Headache**

E.J. Riddle

Disputes & Debates: Editors' Choice**630 Editors' Note: Blood Neurofilament Light in Progressive Multiple Sclerosis: Post Hoc Analysis of 2 Randomized Controlled Trials**

A. Ganesh and S. Galetta

630 Reader Response: Blood Neurofilament Light in Progressive Multiple Sclerosis: Post Hoc Analysis of 2 Randomized Controlled Trials

C. Barro

631 Author Response: Blood Neurofilament Light in Progressive Multiple Sclerosis: Post Hoc Analysis of 2 Randomized Controlled Trials

D. Leppert, H. Kropshofer, D. Häring, F. Dahlke, A. Patil, R. Meinert, D. Tomic, L. Kappos, and J. Kuhle

632 Editors' Note: Accuracy of CT Perfusion–Based Core Estimation of Follow-up Infarction: Effects of Time Since Last Known Well

A. Ganesh and S. Galetta

632 Reader Response: Accuracy of CT Perfusion–Based Core Estimation of Follow-up Infarction: Effects of Time Since Last Known Well

A. Garcia-Tornel Garcia-Camba and M.R. Jacobi

633 Author Response: Accuracy of CT Perfusion–Based Core Estimation of Follow-up Infarction: Effects of Time Since Last Known Well

A. Sarraj, B.C.V. Campbell, D. Pujara, and G.W. Albers

Department

In the Next Issue of *Neurology*®

Neurology®

99 (14)
Neurology 2022;99:e1570-633

This information is current as of January 1, 2022

**Updated Information &
Services**

including high resolution figures, can be found at:
<http://n.neurology.org/content/99/14.full>

Permissions & Licensing

Information about reproducing this article in parts (figures,tables) or in its entirety can be found online at:
http://www.neurology.org/about/about_the_journal#permissions

Reprints

Information about ordering reprints can be found online:
<http://n.neurology.org/subscribers/advertise>

Neurology® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright . All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

