Multiple foraminal compression in a child with sialidosis type 2

Hans-Ulrich Bender, Ingo Borggraefe, Eva Coppenrath, and Esther Maria Maier


Correspondence
Dr. Bender
HansUlrich.Bender@med.uni-muenchen.de

A 7-year-old girl with infantile sialidosis type 2 presented with progressive tetraparesis. MRI of the spine showed enlarged nerve roots and paravertebral ganglia of the entire spine (figure). Neuroblastoma and neurofibromatosis were excluded. Six months later, neuropathic pain of arms and legs and allodynia appeared; treatment with gabapentin (50 mg/kg body weight) was successful.

Intracellular deposits in sialidosis consisting of sialylated oligosaccharides and glycolipids are present in many tissues.1,2 This unusual presentation of multiple foraminal compression is most likely due to deposits in the spinal roots and paravertebral ganglia in this patient with sialidosis type 2.

Author contributions
H.U. Bender: drafting/revising the manuscript, data acquisition, study concept or design, analysis or interpretation of data, accepts responsibility for conduct of research and final approval. I. Borggraefe: data acquisition, accepts responsibility for conduct of research and final approval, acquisition of data. E. Coppenrath: data acquisition, analysis or interpretation of data,
accepts responsibility for conduct of research and final approval, contribution of vital reagents/tools/patients, acquisition of data. E.M. Maier: drafting/revising the manuscript, data acquisition, analysis or interpretation of data, accepts responsibility for conduct of research and final approval.

Study funding
No targeted funding reported.

Disclosure
The authors report no disclosures relevant to the manuscript. Go to Neurology.org/N for full disclosures.

References

Subspecialty Alerts by E-mail!
Customize your online journal experience by signing up for e-mail alerts related to your subspecialty or area of interest. Access this free service by clicking on the “My Alerts” link on the home page. An extensive list of subspecialties, methods, and study design choices will be available for you to choose from—allowing you priority alerts to cutting-edge research in your field!

The AAN is Fighting for You!
In the midst of rapid changes in health care policy, the AAN has your back. From actively lobbying members of Congress to meeting with regulators to underscore the value of neurology and your services to your patients, the Academy is forcefully countering any threats to your profession and patient access to care. Learn more at AAN.com/policy-and-guidelines/advocacy, read the bimonthly Capitol Hill Report and monthly AANnews® member magazine, and respond to Advocacy Action Alert emails when we invite you to share your voice with Congress.

Visit the Neurology® Resident & Fellow Website
Click on Residents & Fellows tab at Neurology.org.

Now offering:
• Neurology® Resident & Fellow Editorial team information
• “Search by subcategory” option
• E-pearl of the Week
• RSS Feeds
• Direct links to Continuum®, Career Planning, and AAN Resident & Fellow pages
• Recently published Resident & Fellow articles
• Podcast descriptions

Find Neurology® Residents & Fellows Section on Facebook: http://tinyurl.com/o8ahsys
Follow Neurology® on Twitter: http://twitter.com/GreenJournal

Copyright © 2019 American Academy of Neurology. Unauthorized reproduction of this article is prohibited.
Multiple foraminal compression in a child with sialidosis type 2
Hans-Ulrich Bender, Ingo Borggraefe, Eva Coppenrath, et al.
Neurology 2019;93:168-169
DOI 10.1212/WNL.0000000000007835

This information is current as of July 22, 2019