

JOIN
THOUSANDS OF SUBSCRIBERS TO RECEIVE FREE MS NEWS UPDATES!



MULTIPLE SCLEROSIS
NEWS TODAY

Your email

JOIN



Vitamin D Deficiency Found Highly Prevalent Across the Board in MS, Neuromus

Never miss
another MS
update

* indicates required

Email Address *

First Name *

Last Name

Subscribe



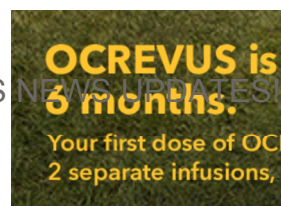
cular Disease

THOUSANDS OF SUBSCRIBERS TO RECEIVE FREE MS NEWS UPDATES!

JOIN

Your email

JOIN



Sign Up

INDICATION AND IMPORTANT

What is OCREVUS?

OCREVUS is a prescription medic relapsing or primary progressive f It is not known if OCREVUS is saf

Who should not receive OCREV

Do not receive OCREVUS if you h HIV/AIDS infection



NOVEMBER 3, 2014



BY CHARLES MOORE

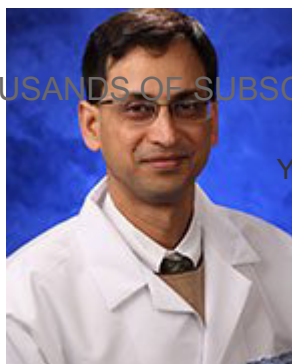
IN MULTIPLE SCLEROSIS NEWS, NEWS.



A study presented at the 61st annual meeting of the American Association of Neuromuscular & Electrodiagnostic Medicine (AANEM) held October 29 to November 1 in Savannah, Georgia, further corroborates growing awareness of a high prevalence of vitamin D deficiency in neuromuscular disease.'



THOUSANDS OF SUBSCRIBERS JOINED TO RECEIVE FREE MS NEWS UPDATES!



Your email

The study, titled “[Surprising Prevalence of Significant Vitamin D Deficiency in](#)

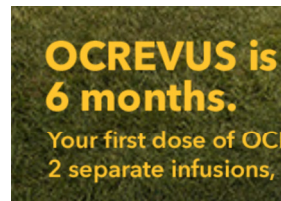
JOIN

NEWS UPDATES!
Multiple Sclerosis Treatments



[Neuro-muscular Disease Clinic in Central Pennsylvania,”](#) was conducted by [Sankar Bandyopadhyay, MD](#) of Penn State Hershey Neurology in Hershey, Pennsylvania, and [Sol Dejesus, MD.](#), a Neurology Fellow at The University of Florida Health Center for Movement Disorders & Neurorestoration in Gainesville, Florida, and a physician at Penn State Hershey Center. The AANEM Annual Meeting is the premier event focusing on diagnosis and treatment of neuromuscular diseases and electrodiagnostic (EDX) medicine.

You can view other research from the meeting at:
<http://www.aanem.org/meeting/abstracts.aspx>



Sign Up

INDICATION AND IMPORTANT INFORMATION

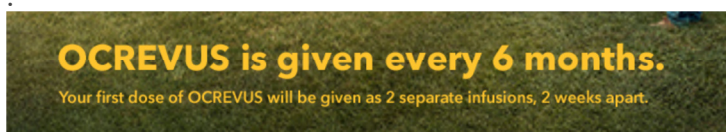
What is OCREVUS?
OCREVUS is a prescription medication for relapsing or primary progressive forms of multiple sclerosis. It is not known if OCREVUS is safe and effective in children.

Who should not receive OCREVUS?
Do not receive OCREVUS if you have had a severe allergic reaction to OCREVUS or any of its ingredients.

Featured Posts



What I've Learned About Falling After 37 Years with MS



Sign Up



INDICATION AND IMPORTANT INFORMATION

What is OCREVUS?
OCREVUS is a prescription medication for relapsing or primary progressive forms of multiple sclerosis. It is not known if OCREVUS is safe and effective in children.

Who should not receive OCREVUS?
Do not receive OCREVUS if you have had a severe allergic reaction to OCREVUS or any of its ingredients.

“Previous work has shown [vitamin D](#) deficiency to be quite common in other neurological disorders such as **multiple sclerosis**, myasthenia gravis, and Parkinson’s disease. This study suggests this concern may be more prevalent in other neuromuscular conditions as well,” says AANEM News Science Editorial Board member [Ileana Howard, MD](#), in a release.



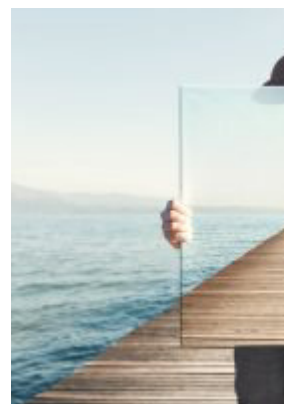
JOIN



FDA to Review EMD Serono’s New Request for Approval of Cladribine for Treating Relapsing MS

[adrotate group="4"]

Drs. Bandyopadhyay and Dejesus note that despite reports – albeit scattered – of vitamin D deficiency in various conditions of fatigue and pain such as Crohn’s disease, fibromyalgia, Parkinson’s disease, pregnant women, and myasthenia gravis, a search for vitamin-D deficiency is still not a routine or standard clinical practice, and while effective treatment exists, it is often missed.



Researchers Succeed at Generating Oligodendrocytes, Key to Myelin Renewal, in Tissue Created in Lab



The objective of this study was to determine the prevalence of vitamin D deficiency among patients seen in the neuromuscular clinics in a central Pennsylvania academic institution in fall and winter months. The Harvard biomarker study published in October 2013 in Neurology journal showed a deficiency in 17.6% Parkinson's disease patients compared to 9.3 %controls.

- f**
- t**
- G+**
- p**
- in**

Retrospective data analysis from the neuromuscular data pool was done for patients randomly seen in fall and winter by the first author, with Vitamin D routinely ordered for weakness, ache, or pain. The coauthors report that all of these patients had a clinical neuromuscular diagnosis, with Vitamin D deficiency defined as 25 (OH) D3 level of <30ng/ml. The researchers found that of 50 blood levels, 24 were below 30 (Deficient: 48%), 3 at 30 (borderline: 6%), 16 were between 30 and 40 (low normal: 32%), and only 7 were above 40 (Clear normal: 14%). A severe deficiency level below 20 ng/ml was seen in 11 blood test (22%). The prevalence of vitamin D

JOIN

Your email

JOIN



MS News that Caught My Eye Last Week: Popular DMTs, Data Analysis Predicts MS, Remyelination Study



deficiency was significantly above
the level of summer control
values considering similar climatic
and ethnic influences. Drs.



Bandyopadhyay and DeJesus
conclude that although 25-hydroxy-
D3, which are produced in liver and
skin stimulated by exposure to
sunlight, can be low in fall and
winter, significantly lower levels
were seen ($p > 0.001$) among the
patients seen randomly in their
neuromuscular clinic, and suggest
that widespread case-control
studies with seasonal influences
are worth studying.

Vitamin D supplementation has
been suggested to improve
function in frail elderly patients at
risk for falls, as well as individuals
with myasthenia gravis and
Parkinson's. The impact of vitamin
D deficiency and supplementation
on function in other neurologic
conditions has yet to be explored.

"While the connection between
vitamin D deficiency and
neurologic disease is likely
complex and not yet fully
understood, this study may prompt
physicians to consider checking
vitamin D levels in their patients

JOIN

Multiple Scler

THOSE WHO SUBSCRIBE TO RECEIVE FREE MS NEWS UPDATES!

Your email

JOIN

Follow On



with neurologic conditions and supplementing when necessary," says Dr. Howard. **JOIN** **THOUSANDS OF SUBSCRIBERS RECEIVE FREE MS NEWS UPDATES!** **JOIN**



[A 2012 Czech study entitled "Vitamin D and neurological diseases" \(Vnitr Lek. 2012 May;58 \(5\):393-5.\) coauthored by J.](#)



Polívka of Neurologická klinika Lékařské fakulty UK a FN Plzeň, J. Polívka Jr, M. Peterka, V. Rohan, P. Sevcík, and O Topolčan, also provides an overview of the association between vitamin D and some neurological diseases. The researchers say the majority of literature refers to cerebrovascular diseases, followed by multiple sclerosis and cognitive disorders. They conclude that Vitamin D hypovitaminosis might be associated with the diseases directly or alternatively might contribute to the disease risk factors (typically in cerebrovascular events). They also observe that Vitamin D hypovitaminosis may also play a role in patients with residual functional involvement due to a neurological disorder (movement disorders, lack of self-sufficiency) and worsen functional status



owing to muscle weakness, instability and falls. **JOIN**
THOUSANDS OF SUBSCRIBERS TO RECEIVE FREE MS NEWS UPDATES!

Your email

JOIN

Sources:



American Association of
Neuromuscular & Electrodiagnostic
Medicine
MedLine



TAGGED [VITAMIN D](#).



PREVIOUS:

Neuroprotective
Qualities of
Masitinib Drug in
Stroke
Encouraging For



NEXT:

MRIs are
Revealing
Multiple Sclerosis
in Patients, Even
Before Symptoms

— Leave a Comment



Your email address will not be published.

Required fields are marked *



Comment JOIN
THOUSANDS OF SUBSCRIBERS TO RECEIVE FREE MS NEWS UPDATES!

Your email

JOIN



Name *

Email *

Website

Save my name, email, and website in this browser for the next time I comment.

Post Comment

MS News

BioNews Services, LLC
5307 E. Mockingbird Ln.
5th Floor

Recent Posts



What I've Learned About Falling After 37 Years with MS

About MS News Today

Contact Us

Privacy Policy

Dallas, TX 75206

Email: info@bionewsservices.com

Phone: 1-800-936-1363

JULY 31, 2018
JOIN

Terms of Service

THOUSANDS OF SUBSCRIBERS TO RECEIVE FREE MS NEWS UPDATES!

info@bionewsservices.com



FDA to Review

Advertise

Your email

EMD Serono's New

Request for
Approval of
Cladribine for
Treating Relapsing
MS

JULY 31, 2018

Disclaimer:

Multiple Sclerosis News Today is strictly a news and information website about the disease. It does not provide medical advice, diagnosis or treatment. This content is not intended to be a substitute for professional medical advice, diagnosis, or treatment. Always seek the advice of your physician or other qualified health provider with any questions you may have regarding a medical condition. Never disregard professional medical advice or delay in seeking it because of something you have read on this website.



Researchers Succeed at Generating Oligodendrocytes, Key to Myelin Renewal, in Tissue Created in Lab

JULY 31, 2018



MS News that Caught My Eye Last Week: Popular DMTs, Data Analysis Predicts MS, Remyelination Study

JULY 30, 2018



Recommended for you

THOUSANDS OF SUBSCRIBERS TO RECEIVE FREE MS NEWS UPDATES!

**MS Spasticity and You:
Five Stretches You
Should Try (and Why) -
Multiple Sclerosis New...**

**MS SPASTICITY AND YOU: FIVE STRETCHES
YOU SHOULD TRY (AND WHY)
WWW.MULTIPLESCLEROSISNEWTODAY.COM**

JOIN

Your email

multiple sclerosis news today.com

f

twitter

G+

p

in

AddThis

