

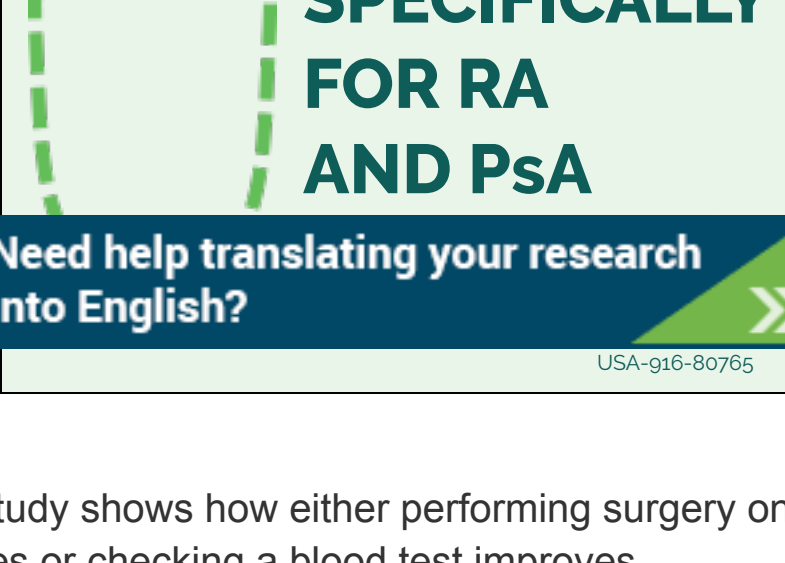
IN THE JOURNALS

In children with fractures, supplementation compliance improves when vitamin D levels are obtained

Minkowitz B, et al. *J Pediatr Orthop*. 2019;doi:10.1097/BPO.0000000000001363.
 April 17, 2019

[+](#) ADD TOPIC TO EMAIL ALERTS

According to recently published results, supplementation compliance increased in children with fractures when 25 vitamin D levels were obtained.



See how we designed a button **SPECIFICALLY FOR RA AND PSA**

Need help translating your research into English? [»](#)

USA-916-80765

“This study shows how either performing surgery on fractures or checking a blood test improves supplementation compliance by making bone health personal and tangible to children,” **Barbara Minkowitz, MD**, told *Healio.com/Orthopedics*. “Getting labs from a child makes them take vitamins more seriously regardless of the result of the blood test.”

Researchers assessed supplementation compliance in 1,818 fracture patients with known vs. unknown 25 vitamin D levels. Patients were between 2 and 18 years old. Adherence to supplementation was self-reported by the patient or caregiver as either “yes,” with a minimum of 4 days per week, or “no.” Investigators analyzed compliance related to fracture severity based on the abbreviated injury scale, 25 vitamin D levels and age.

Results showed patients with 25 vitamin D levels were more compliant than those without these levels. Investigators noted 83% of patients with an abbreviated injury scale score of 3 were compliant compared with 49% of patients with an abbreviated injury scale score of 1 or 2. As age increased, compliance increased. – *by Monica Jaramillo*



Disclosures: The researchers report no relevant financial disclosures.

[+](#) ADD TOPIC TO EMAIL ALERTS

💬 COMMENT
✉️
🖨️
🐦
📘
🌐
★ SAVE

READ NEXT

- Almost all electric scooter drivers who crash do not wear helmets
- Anesthesia methods after distal radial fracture care impact early opioid consumption
- US residents may prescribe more postoperative opioids than residents in Haiti, the Netherlands

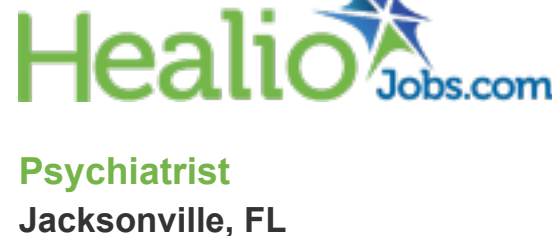
RECOMMENDED

- Pembrolizumab Ups Survival in NSCLC With PD-L1 Expression** [🔗](#)
PracticeUpdate, 2016
- Tear Function in Diabetic Patients** [🔗](#)
PracticeUpdate, 2013
- Intestinal Permeability Increases With Gliadin** [🔗](#)
PracticeUpdate, 2015
- Longer Biologic Use for Rheumatoid Arthritis Associated With Reduced Disability and Disease Activity** [🔗](#)
PracticeUpdate, 2016

Powered by **TREND MD** ⚙️

MOST POPULAR

- 1** A 24-year-old woman with right groin pain
- 2** Increase in reverse arthroplasty leads to utilization concerns
- 3** Partial rotator cuff tears: When is surgery indicated?



Psychiatrist
Jacksonville, FL
 The Royster Group, Inc.

Occupational Therapist opportunities in 6 cities across California!
San Diego, CA
 Cortica

Director of Nursing
North Mankato, MN
 South Central College

Chemical Dependency Counselor - Boise & Nampa locations
Boise, ID
 Terry Reilly Health Services

Nurse Practitioner - Psychiatric
Taylorville, UT
 Intermountain Healthcare

[View All Jobs](#)

Follow Healio
🐦
📘
🌐
📡

Tell us what you think about Healio.com »

SIGN UP FOR EMAIL

Get the latest news and education delivered to your inbox

Subscribe