REMICADE-maintenance experienced elevations in ALT at >1 to <3 times the ULN compared to 34% of patients treated with placebo-maintenance. All elevations 23 times the ULN were observed in 5% of patients who received REMICADE-maintenance compared to 17% of patients treated with placebo-maintenance. In UC clinical trials (median follow up 30 weeks, Specifically, the median duration of follow-up wes 30 weeks for placebo and 31 weeks for REMICADE experienced elevations in ALT at >1 to -3 times the ULN ourpared to 17% of patients two received placebo. ALT elevations 25 times ULW were observed in 7% of patients two there is the ULN compared to 17% of patients were breaked at 15% of platestics two there observed in 7% of patients two there is placebo and 31 weeks for REMICADE groups 31% of patients two there is placebo proves in a AL at >1 to -3 times the ULN compared to 17% of platestics were breaked at 15% of platestics two there observed in 7% of platestics two there is placebo proves in a AL at >1 to -3 times the ULN compared to 17% of platestics were is placebo provide placebo. ALT elevations 32 times the ULN compared to 17% of platestics were is placebo provide placebo. ALT elevations 30 times the ULN were observed in 7% of platestics with receiving REMICADE compared to none in platestics with receiving REMICADE experienced elevations in ALT at >1 to -3 times the ULN compared to 17% of platestics with receiving REMICADE experienced elevations in ALT at >1 to -3 times the ULN compared to 17% of platestics with receiving REMICADE experienced elevations in ALT at >1 to -3 times the ULN were observed in 7% of platestics with receiving REMICADE experienced elevations in ALT at >1 to -3 times the ULN compared to 24% of platestics with receiving REMICADE experienced elevations in ALT at >1 to -3 times the ULN compared to 24% of platestics with receiving REMICADE experienced elevations in ALT at >1 to -3 times the ULN were observed in 7% of platestics with receiving REMICADE experienced elevations in ALT at >1 to -3 tin 

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## Fracture Risk Assessment To Get Overhaul in 2008

## BY BETSY BATES Los Angeles Bureau

SAN DIEGO — Osteoporosis management is about to undergo some changes, including a new international focus on assessing fracture risk in clinical practice and an emphasis on vitamin D, Dr. Stuart L. Silverman predicted at the Perspectives in Women's Health conference, sponsored by FAMILY PRACTICE NEWS, OB.GYN. NEWS, and INTERNAL MEDICINE NEWS.

"We're changing the whole way we approach osteoporosis in 2008,"said Dr. Silverman, with the International Working Group on Fracture Risk Assessment for the World Health Organization.

New guidelines will encourage the calculation of fracture risk based not only on their bone mineral density and T score, but also on age, body mass index, family history, and other factors, he explained.

This composite fracture score, expected to be incorporated into software linked with dual-energy x-ray absorptiometry (DXA) equipment by late 2008, will provide a much more comprehensive and easy-to-understand risk profile, he said.

"You will get a printout that says your patient has, [for example], a 10-year risk of hip fracture of 3%," said Dr. Silverman, of the division of rheumatology at Cedars-Sinai Medical Center in Los Angeles.

The calculated 10-year risk for clinical fracture of the shoulder, forearm, or vertebra will be included in a separate score. Factors in the 10-year predictions of

fracture risk include:

► Age, which can change the 10-year risk for a woman with a T score of -2.5 at the femoral neck from 2% at age 50 to 12.5% at age 80.

► History of prior fragility fracture, which increases fracture risk fivefold.

- ► Low body weight/BMI.
- ► History of a hip fracture in the patient's mother or father.

► Lifetime history of ever using corticosteroids at a dose of 5 mg/day or greater for 3 months or longer.

► Current smoking.

► Consumption of more than two alcoholic drinks per day.

► Secondary osteoporosis caused by a disease process or a drug.

"Your goal is not to reduce risk of osteoporosis, but to reduce the risk of fracture," Dr. Silverman said.

One way that risk can be reduced is through vitamin D supplementation recommendations, which are also likely to change soon, according to Dr. Silverman.

"Recently we've all come to appreciate that we really need much more vitamin D," he said. "We're pushing for 800 to 1,000 IU day, and I will tell you that a lot of us in the field ... are actually taking more than that," he added.

New studies show vitamin D is useful not only for bones, but for balance and for reducing overall cancer risk, he noted.

RHEUMATOLOGY NEWS, like FAMILY PRAC-TICE NEWS, OB.GYN. NEWS, and INTERNAL MEDICINE NEWS, is published by the International Medical News Group, a division of Elsevier.

## Height Loss Over 3 Years Predicts Osteoporosis in Patients Over 50

## BY BETSY BATES Los Angeles Bureau

VANCOUVER, B.C. — Measuring a patient's height during routine primary care visits may be one of the simplest and least expensive ways to predict osteoporosis risk and to guide screening, according to a study at Virginia Common-wealth University, Richmond.

Height loss of 1.5 inches (about 4 cm) or more over 3 years was associated with almost a doubling of osteoporosis risk in patients aged 50 years or older in the study of 1,039 primary care patients, reported Dr. Emmeline Gasink at the annual meeting of the North American Primary Care Research Group.

Mean height loss in the study population was 0.596 inches, said Dr. Gasink, currently a resident in the family medicine program at Riverside Healthcare System in Carrollton, Va.

Among the 16% of patients who had a height loss of at least 1.5 inches, 3% had a diagnosis of osteoporosis (odds ratio, 1.8) of developing the disease.

Some patients (13%) had significant height loss but were not diagnosed with

osteoporosis. Another 8% did not have significant height loss but had osteoporosis, perhaps representing osteoporosis in a nonvertebral site, said Dr. Gasink in an interview at the meeting.

Nonetheless, a height loss of 1.5 inches or greater over 3 years provided a positive predictive value of 21% for osteoporosis, she said.

The study population was 71% female, so the risk may be slightly less for males. Also, people with low bone density tend to lose height more rapidly than do those with greater bone density.

Still, the overall conclusion of the study, together with findings from five longitudinal trials reviewed by Dr. Gasink, suggest a "strong relationship" between height loss and a new vertebral fracture, lending strength to her findings.

"Height measurement should definitely be a part of a yearly physical for patients 50 and older, as recommended by the U.S. Preventive Health Task Force," noted Dr. Gasink after the meeting. "As a family physician who follows these people over a period of years, [I suggest that] it would be an easy piece of data to help determine early risk factors for osteoporosis."