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Title: Vitamin D deficiency is associated with metabolic syndrome in postmenopausal women

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## **Vitamin D deficiency is associated with metabolic syndrome in postmenopausal women**

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### **Highlights**

- Vitamin D deficiency and obesity are important public health issues.
- Several studies of the general population have shown an inverse relationship between vitamin D levels and metabolic syndrome (MetS), diabetes and insulin resistance. However, data for postmenopausal women are sparse and contradictory.

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