



Retraction Note to: Prevention of hip fractures by exposure to sunlight and pharmacotherapy in patients with Alzheimer's disease

Jun Iwamoto¹ · Yoshihiro Sato² · Kiyoshi Tanaka³ · Tsuyoshi Takeda¹ · Hideo Matsumoto¹

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Retraction Note to:

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The Editor-in-Chief has retracted this article [1] because the three studies included in the meta-analysis [2, 3, 4] (cited as references 16, 17, 18) have been retracted due to concerns regarding the data, which has rendered the results of this meta-analysis invalid.

References

1. Iwamoto J, Sato Y, Tanaka K et al (2009) Prevention of hip fractures by exposure to sunlight and pharmacotherapy in patients with Alzheimer's disease. *Aging Clin Exp Res* 21:277–281. <https://doi.org/10.1007/BF03324916>
2. Sato Y, Iwamoto J, Kanoko T, Satoh K (2005) Amelioration of osteoporosis and hypovitaminosis D by sunlight exposure in hospitalized, elderly women with Alzheimer's disease: a randomized controlled trial. *J Bone Miner Res* 20:1327–1333. <https://doi.org/10.1359/JBMR.050402>
3. Sato Y, Kanoko T, Satoh K, Iwamoto J (2005) Menatetrenone and vitamin D2 with calcium supplements prevent nonvertebral fracture in elderly women with Alzheimer's disease. *Bone* 36:61–68. <https://doi.org/10.1016/j.bone.2004.09.018>
4. Sato Y, Kanoko T, Satoh K, Iwamoto J (2005) The prevention of hip fracture with risedronate and ergocalciferol plus calcium supplementation in elderly women with Alzheimer disease: a randomized controlled trial. *Arch Intern Med* 165:1737–1742. <https://doi.org/10.1001/archinte.165.15.1737>

The original article can be found online at <https://doi.org/10.1007/BF03324916>.

✉ Jun Iwamoto
jiwamoto@sc.itc.keio.ac.jp

¹ Institute for Integrated Sports Medicine, Keio University
School of Medicine, Tokyo, Japan

² Department of Neurology, Mitate Hospital, Fukuoka, Japan

³ Department of Food and Nutrition, Kyoto Women's
University, Kyoto, Japan