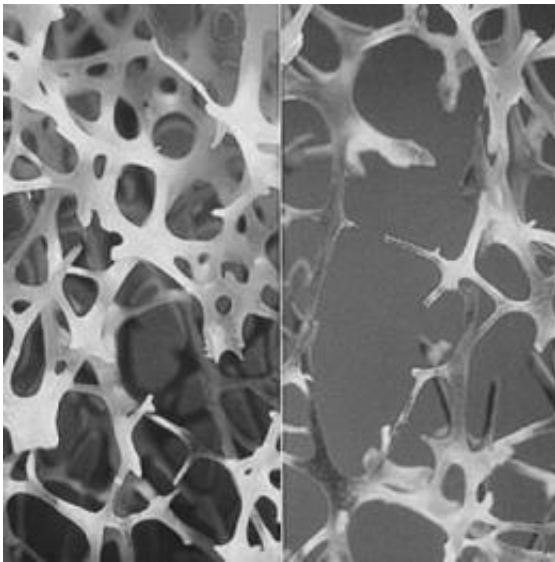


Cataracts linked to higher risks of osteoporosis and fracture

October 3 2018



On the left is normal bone and on the right is osteoporotic bone. Credit: International Osteoporosis Foundation

A new *Journal of the American Geriatrics Society* study has evaluated the potential impacts of cataracts and cataract surgery on the risks of osteoporosis and bone fractures.

For the study, researchers at Buddhist Tzu Chi General Hospital in Taiwan studied 57,972 cataract patients who were matched to 57,972 healthy controls. During an average follow-up time of 6.4 years, 17,450 patients developed [osteoporosis](#) or fractures in the cataract group, and

12,627 in the non-cataract group. The diagnosis of cataracts was associated with a 29% increased risk of developing osteoporosis or fracture. In analyses for each individual event, the diagnosis of cataracts was associated with a 43% increased risk of osteoporosis, a 16% increased risk of hip fracture, a 25% increased risk of [vertebral fracture](#), and a 24% increased risk of other fractures. In the cataract group, patients who underwent [cataract surgery](#) had a 42% lower risk of developing osteoporosis or fracture.

"Appropriate management of cataracts may decrease osteoporosis and fracture risks," said first author Dr. Huei-Kai Huang. "I strongly recommend all elders with osteoporosis or fractures to check their vision," added co-author Dr. Ching-Hui Loh.

More information: *Journal of the American Geriatrics Society* (2018).
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