

Ectopic Calcinosiis



Yoshiaki Nishioka, M.D.
Masanobu Miyazaki, M.D.

Nagasaki University
Nagasaki 852-8501, Japan

A 52-YEAR-OLD MAN WHO HAD BEEN RECEIVING HEMODIALYSIS FOR 11 years had severe secondary hyperparathyroidism. His serum level of intact parathyroid hormone was 1489 pg per milliliter. His bone mineral density was low, and he had clinically significant ectopic calcinosis. A radiograph and a computed tomographic scan of the chest revealed remarkable calcification of the mitral valve. A radiograph of the abdomen revealed calcification of the aorta and the iliac and renal arteries as well as of the segmental and interlobar arteries in the kidneys (arrows). Ectopic calcinosis due to secondary hyperparathyroidism is a complication of long-term dialysis.

Copyright © 2003 Massachusetts Medical Society.