The kidney-bone connection

A healthy body renews bones in a process called skeletal anabolism. Blood vessels carry essential minerals to and from cells dedicated to bone dismantling and construction.

BLOOD VESSEL

> OSTEOCLASTS DISMANTLE, OSTEOBLASTS REBUILD

BONE

Kidney disease patients get weak, brittle bones because the renewal process shuts down. Further, the excess minerals begin to deposit in blood vessels, leading to vascular calcification, decreasing flexibility and straining the heart.

MINERAL DEPOSITS AND SCLEROSIS UNCHECKED, OSTEOCLASTS DESTROY THE BONE