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Parfitt A M. Soft tissue calcification in uremia.
Queensland, Brisbane, Australia]

In chronic renal failure, calcium salts can be de-
posed in the tunica media of large and small ar-
teries, in the cornea and conjunctiva, as nodular
or tumoral masses around joints, in the skin and
subcutaneous tissues, and in viscera such as lungs,
kidney, stomach, and heart, with a wide spectrum
of clinical effects. Pathogenesis depends on
chronic hyperphosphatemia and on alterations in
connective tissue proteins from a variety of
causes to form a calcifiable matrix that binds cal-
cium and phosphate ions. [The SC1 indicates that
this paper has been cited in over 170 publications
since 1969.]

A. Michael Parfitt
Bone and Mineral Research Laboratory
Henry Ford Hospital
Detroit, MI 48202

July 2, 1984

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