

**The measurement of ^{47}Ca retention by whole-body counter
in children**

M. INOKUMA

Radioisotope Laboratory

Y. SEINO

Department of Pediatrics

Osaka University School of Medicine Osaka

The methods of studying the absorption of ^{47}Ca were compared in normal subjects, and in patients with various disorders of calcium absorption.

The results obtained by using whole-body counter correlated very well with those obtained

by using carefully checked three-day collection of stools.

In childrens case, the measurement of ^{47}Ca by whole-body counter is useful and convinient, because we need not the troublesome stool collection and urine collection.