Abstract

The objective of this paper is to propose the methodology which determines the density of human bones. Osteoporosis is a common disease related to human bone metabolism and is defined as the “diseases characterized by low bone mass and micro architectural deterioration of bone tissue leading to enhance bone fragility and consequent increase in fracture risk”. This paper gives the comparative study of the methods used to measure bone mineral density.

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**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Osteoporosis, BMD, T-score, DEXA, Infrared.