

The method for X-ray diagnosis of the calcaneus osteoporosis relates to medicine, in particular to traumatology and may be used for assessing the structural and functional state of the bone tissue and estimating the treatment efficacy as well as for studying the age-related dynamics of the accumulation and the loss of the bone tissue. For the positioning of the calcaneus the fixing device is used together with aluminum reference standard within the frame. The reference standard is built in stationary for leveling the non-homogeneity of the irradiation in the standard areas of X-ray pictures of calcaneus. The optical density of the bone tissue under study is assessed with the aid of computer using software for the densitometric imaging.