

Abstract

The actual level of factual individual ageing of organism is characterized by biological age. By means of measuring function ability of physiological systems it is possible to evaluate the biological age and use it as an indicator of premature ageing and therefore as an indicator of the risk of getting ill. This study brings an overview of contemporary used, non-standard markers for the measurement of biological age and uncovers the possibility of measurement of biological age (BA) of skeleton and its use in osteoporosis precaution. Inclusion of BA measurement of skeleton into basic screening should bring another perspective how to measure objectively the changes in organism that correspond with ageing.

Key words: biological age, osteoporosis, bone ageing, osteodenzitometry