

ABSTRACT

The main objective: The main objective of this bachelor's thesis was to map the occurrence of flat foot in senior students of the bachelor's subject Physiotherapy at the Third Faculty of Medicine, Charles University.

Methodology: A group of 20 healthy denizens of the daily bachelor's study programme, ranging from 21 to 42 in age, were tested. The selected set was divided into two age categories, specifically into the "ages 21-25 (including students aged 25)" category and into the "over 25 years old" category. A plantogram, also known as a podogram, was obtained using podoscopy, then the plantogram was analysed in the SketchUp 2018 computer programme. The evaluated variable was the *Chippaux-Smirak index*.

Results: It was found, that the measured *Chippaux-Smirak index* ranged from 18,6 % to 40,4 % for the left foot and from 12,0 % to 26,8 % for the right foot, respectively.

Conclusion: Flat foot in this specific set of tested individuals was not diagnosed.

Key words: plantar vault, flat foot, plantogram, index Chippaux-Šmiřák