

M. SOARES BERNARDES, T. MARQUINE RAYMUNDO, C. DA SILVA SANTANA. **The perception of elderly people on the home monitoring of chronic conditions.** *Gerontechnology* 2016;15(suppl):94s; doi:10.4017/ gt.2016.15.s.684.00 **Purpose** Currently, people are being held accountable for managing their health through the use of home monitoring devices, such as glucose meter<sup>1</sup> and blood pressure gauge, especially after the increase in longevity and the higher prevalence of chronic diseases, especially in the elderly people, which imposes the challenge of longitudinal models of care in health<sup>1,2</sup>. This study aimed to get to know the elderly peoples' perception about the domiciliary use of electronic devices of healthcare. **Method** It is a quantitative, exploratory and transversal study regarding the elderly people who make use of either a digital glucometer or a sealer pressure at home. Instruments of data collection included: (i) A questionnaire on socio-economic data, and (ii) A classification about the use of electronic devices for healthcare at home. **Results & Discussion** 150 elderly people participated of the research (117 women and 33 men), aging about 72 years old. Most of the elderly people say that they would prefer to have monitored healthcare at home and, just in case of any need, to look for professional helper (47%); 38% would rather to have the monitoring realized only at home mainly to the fact of the practicality of not getting out of their houses to seek for a health attendance and also for the speed to get results and the possibility of continual control of the disease in emergency situations. On the contrary, 15% of the elderly people prefer to have their health monitored only by a professional. They believe that the digital machines are not trustable, they just help preliminary and could generate anxiety and dependency. The data process points to a great intersection of the technologies of healthcare on elderly peoples' daily routine, especially considering the practicality to the health monitoring and the possibility of difficulty in getting attendance at the same day. Despite this, the elderly people show distrust in these equipment and fearful about the effectiveness of digital devices and their own health care actions at home<sup>3</sup>.

### References

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**Keywords:** elderly, chronic condition, home monitoring, perception

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