The development of innovations in digital services has currently been a bet for health technology manufacturers. The field of Audiology also benefits from the digital evolution that facilitates access to information for the public, but also for the audiologist himself. Evollu - Sensing Evolution, SA is a company that, together with the academy in Coimbra (Project A4A: Audiology for All), is developing apps that can be used both for self-care and by the audiologist as a counseling aid or even as information collection tools (Luengen et al., 2021; Murdin et al., 2022).

Normal hearing subjects of different age groups performed the verbal and non-verbal sequential auditory memory tests – subjects were evaluated using the clinical method (Pereira & Schochat, 2011) and/or the app Evollu Hear;  

5 years old group: were tested with 3 sequences of 3 verbal stimulus (pa, ta, ca) and 3 non-verbal (rattles, maracas, bell);  

9 years old group and 18-22 years old group (Young Adults): were tested with 3 sequences of 4 verbal stimulus (pa, ta, ca, fa) and 4 non-verbal (rattles, drum, bell and maracas).

There were identical results between the tests performed by the app and those performed by the clinical method, in the three age groups, and in both tests. No significant differences were found between methods.

This app proved to be valid for performing verbal and non-verbal sequential auditory memory tests in the age groups studied. The apps can be a reliable method of self-care and referral to the health professional and can also facilitate the clinical intervention by audiologists.