

Smartphone Application for Social Inclusion of Deaf Parents and Children About Sphincter Training

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Abstract : Introduction: The deaf people in Brazil communicate through the Brazilian Sign Language (LIBRAS), which is restricted to this minority and people that received training. However, there is a lack of prepared professionals in the health system to deal with these patients. Therefore, effective communication, health education, quality of support and assistance are compromised. It is of utmost importance to develop measures that ensure the inclusion of deaf parents and children since there are frequent doubts about sphincter training and an absence of tools to promote effective communication between doctors and their patients. Objective: Use of an efficient, rapid and cheap communication method to promote social inclusion and patient education of deaf parents and children during pediatrics appointments. Results; The application demonstrates how to express phrases and symptoms within seconds and this allows patients to fully understand the information provided during the appointment and are capable to evaluate the signs of readiness, learn the correct approaches with the child, what are the adequate instruments, possible obstacles and the importance to execute medical orientations in order to achieve success in the process. Consequently, patients feel more satisfied, secured and embraced by professionals in the health system care. Conclusion: It is of utmost importance to use efficient and cheap methods that support patient care and education in order to promote health and social inclusion.

Keywords : application, deaf patients, social inclusion, sphincter training

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