

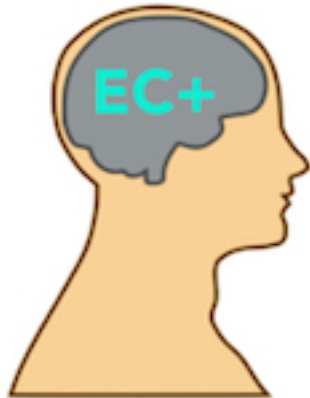
EC+ A TOOL FOR CREATING COMMUNICATION OPPORTUNITIES AT SCHOOL.

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ERASMUS PLUS PROJECT EC+

◉ <https://ecplusproject.uma.es>



EC+: Enhancing communication: research to improve communication for people with special needs and development of ICT resources and tools.

INTELLECTUAL DISABILITY IS CHARACTERIZED BY

- ◉ Significant limitations in intellectual functioning and in adaptive behavior, expressed in the conceptual, social and practical adaptive skills.
- ◉ Intellectual disability emerges before the age of 18 (AAIDD or American Association on Intellectual and Developmental Disabilities).

COMMUNICATION IS

- A Right Human (Universal Declaration of Human Rights of the United Nations, 1948).
- Essential for all aspects of life
- Necessary to ensure the quality of life.
- Essential for learning processes.

EFFECTIVE COMMUNICATION ALLOWS PEOPLE

- ◉ Express their thoughts, opinions and personality
- ◉ Make request and receive information
- ◉ Build relationships
- ◉ Take their own decisions
- ◉ Express primary needs
- ◉ Express rejection

COMPLEX COMMUNICATION NEEDS (CCN)

- People who can not carry out communicative exchanges effectively through conventional communication channels, show complex communication needs (CCN)
- For some people, NCCs are temporary, while for others they are permanent.

- CCN may be caused by significant speech, language and / or cognitive damage.
- The principal characteristic of a subject with NCC is that he can not carry out communicative exchanges by conventional ways.

- The area of clinical practice that supports and satisfies these communication needs is the Augmentative and Alternative Communication (AAC)
- Through the use of symbols, aids, strategies and techniques, success and communicative effectiveness are improved.

SID+ CCN

- ◉ The educational intervention becomes extremely complex when occur Severe Intellectual Disability (SID) in conjunction with CCN. Then we have to use the Augmentative and / or Alternative Communication Systems(CAA) (Ronski y Sevcik, 2005).

EC+: ENHANCING COMMUNICATION

This research work has been carried out within the framework of the Erasmus Plus project EC+: Enhancing communication: research to improve communication for people with special needs and development of ICT resources and tools.

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<https://sites.google.com/site/ecplusproject/>

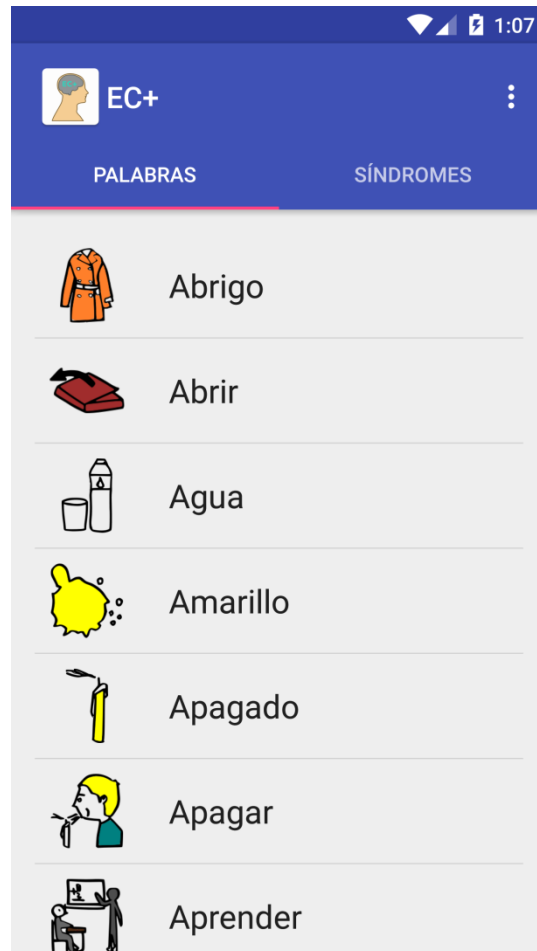
EC +: APP FOR SMARTPHONES AND TABLETS

EC + is an AAC device of high technological level from the assumptions of multimodal communication. This application uses pictograms, manual signs, photographs and words

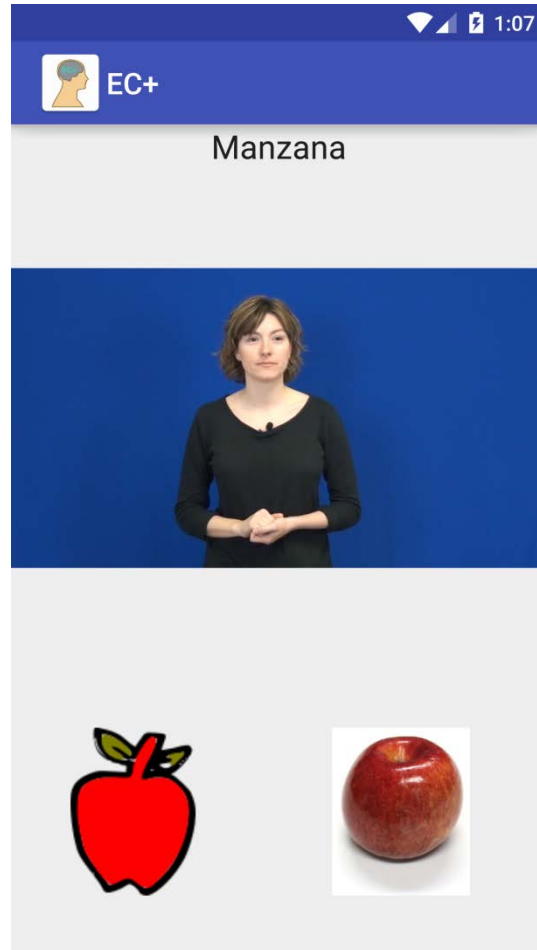
USERS

- SID and Partners Communication in several setting:
 - Home
 - Clinical
 - School

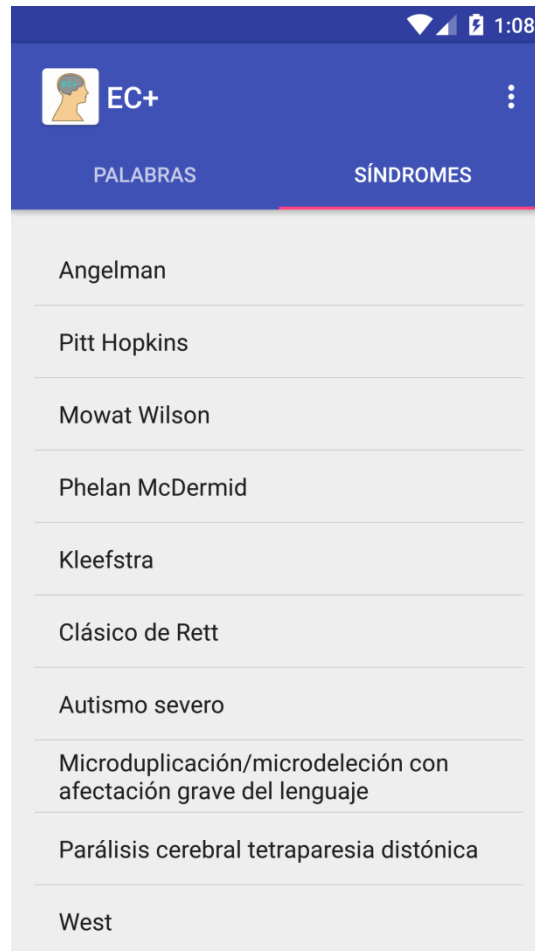
EXAMPLE OF SEARCH BY ALPHABETICAL ORDER



MULTIMODAL PRESENTATION OF WORDS



MEDICAL GUIDE OF SYNDROMES



CONCLUSION

- EC + has been designed as an app for devices of high technological level, for both Android and iOS environments
- The app has been designed following a mobile technology.

- The app has been very well valued by professionals
- 90% highlighted the versatility of the multimodal presentation

- ◉ Muchas gracias por su atención

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