

CARRILET

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Autism
Europe



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A Happy Journey
through Life



Body and autism: early motor signs of autism in the first year of life

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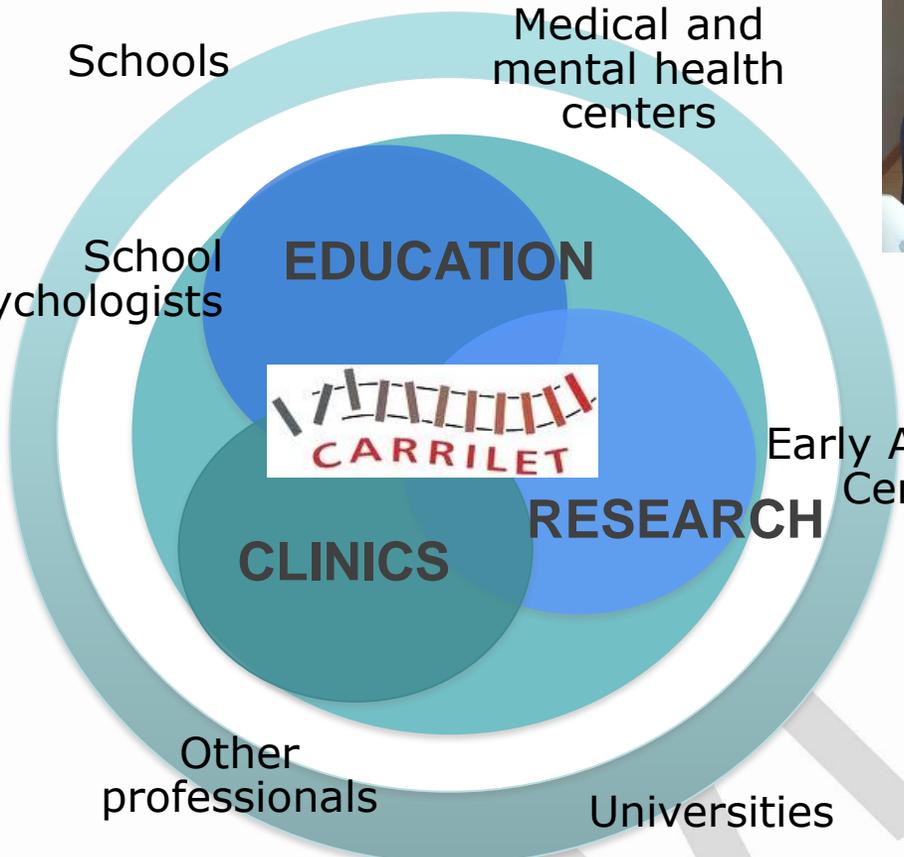
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- c) Clinical Psychology and Psychobiology Department, University of Barcelona



Educational and therapeutic center (1974)



Diagnostic and Treatment Center (1992)



Research and training center (2009)



Early Attention Centers

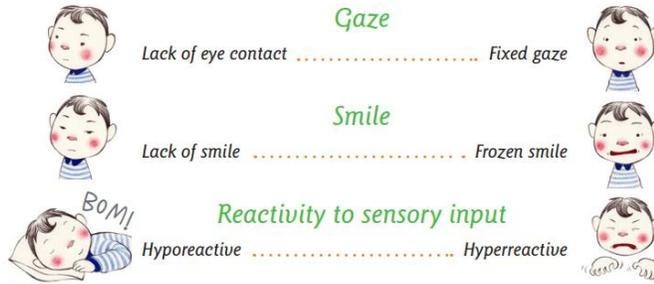


EARLY SIGNS OF AUTISM

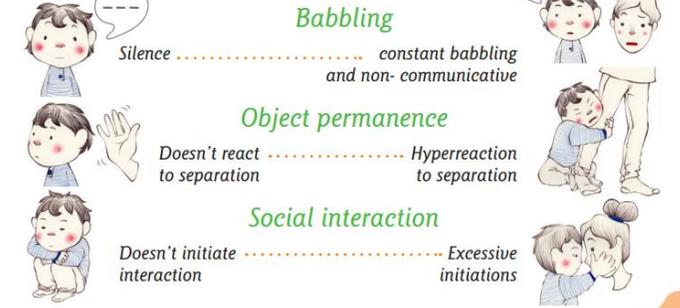
INTRODUCTION

Early signs of sensory and motor difficulties in children with autism spectrum are present and can be detected in the first year of life. We can observe:

FROM 3 TO 6 MONTHS



FROM 6 TO 12 MONTHS



METHODS

- Literature review
- Retrospective analysis of home-videos of the first year of life of 6 children attending the Carrilet Center (Barcelona) later diagnosed with autism.

- Pathological signs
- Absence of behaviour inherent to typical development
- Qualitative differences in this development



RESULTS

0-6 months

6-12 months

BODY IN MOVEMENT

- Few and poorer quality of general and fidgety movements
- Cephalic control difficulties
- Difficulties in integration of mid-line and asymmetries
- Hypotonia

BODY IN INTERACTION

- No imitation
- Poor body initiation of the interaction
- Poor facial expression
- Tonic-affective dialog difficulties

BODY IN MOVEMENT

- No integration of reflexes
- Dysregulation. Continuous movements to maintain equilibrium
- Absence of contralateral movement and mid-line crossing
- Tip toe walking

BODY IN INTERACTION

- Greater interest in objects than people
- Absence/Excess of physical distance with the other
- No physical turn taking
- Only short and/or cause-effect body interactions



DISCUSSION

- Early body and motor alarm signs are present in the first year of life in children with autism.
 - They include abnormal body movements and atypical patterns of caregiver-child interaction
- Signs are not specific of the condition but suggest a risk for the development.
- Psychomotricity is of key relevance in early attention.

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Moltes gràcies!
Thank you!
Wielkie dzięki!

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