Developing An Intersectoral, Interdisciplinary And Multi-professional Approach In The Early Intervention Services In Andalusia: Lessons Learned And Future Prospects

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PRESENTATION OUTLINE

1. INTRODUCTION

2. THE ANDALUSIAN EARLY INTERVENTION MODEL

3. CHRONOLOGY AND LANDMARKS OF THE ANDALUSIAN EARLY INTERVENTION SERVICES

4. SOME RESULTS OF OUR INTERVENTIONS

5. FUTURE PROSPECTS
1. INTRODUCTION
ANDALUSIAN POPULATION: 8,397,820 INHABITANTS (INE, 2017)
ANDALUSIAN PER CAPITA INCOME: €9,116 (INE, 2017)
ANDALUSIAN BIRTH RATE: 8,85 (INE, 2017)
2. THE ANDALUSIAN EARLY INTERVENTION MODEL
THE EARLY INTERVENTION WHITE BOOK (GAT, 2000)

- Defines Early Intervention as "the set of interventions aimed at children between the ages of 0 to 6, their family and environment, which aim to respond as soon as possible to the temporary or permanent needs of children with developmental disorders or at risk of suffering from them".

Transversal action that involves not only the traditional contribution of support, tools or care for the child.
intervention levels

Primary Prevention

Secondary Prevention

Tertiary Prevention

2. THE ANDALUSIAN EARLY INTERVENTION MODEL
COORDINATION

2. THE ANDALUSIAN EARLY INTERVENTION MODEL
Values and principles of action

- BEST INTERESTS OF THE CHILD
- UNIVERSALITY
- PUBLIC RESPONSIBILITY
- FREE HEALTH SERVICES
- EQUITY
- COMPREHENSIVE INTERVENTION
- DECENTRALIZATION, PROXIMITY AND CLOSENESS
- PARTICIPATION
- QUALITY
- SUSTAINABILITY
- INTER-AGENCY COORDINATION
- GENDER PERSPECTIVE
3. CHRONOLOGY AND LANDMARKS OF THE ANDALUSIAN EARLY INTERVENTION SERVICES
WHERE DO WE COME FROM?

WHERE DO WE COME FROM?

3. CHRONOLOGY AND LANDMARKS
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**ODAT Diagnostic Classification System**

<table>
<thead>
<tr>
<th></th>
<th>CHILDREN</th>
<th>FAMILY</th>
<th>ENVIRONMENT</th>
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<tr>
<td><strong>RISK</strong></td>
<td>Axis I</td>
<td>Axis II</td>
<td>Axis III</td>
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<td><strong>DISORDER/DISEASE</strong></td>
<td>Axis IV</td>
<td>Axis V</td>
<td>Axis VI</td>
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<td><strong>SUPPORTS/RESOURCES</strong></td>
<td>Axis VII</td>
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- The Early Intervention White Book (GAT, 2000) is configured as a fundamental tool for the understanding and development of the Early Intervention in a uniform way in Spain.

- The ODAT (GAT, 2000) is an Early Intervention Diagnostic Classification System that is aimed at making a functional diagnosis.
CONCORDANCE TABLE BETWEEN ODAT AND ICD-10 (Pons et al, 2002)
To assure the continuity of care, defining with clarity and with criteria of scientific evidence:

- what interventions are necessary to carry out on a child with regard to a certain process
- who the suitable professional is that will realize them
- where the place or the most suitable center is
- when the intervention is best delivered

### Integrated Healthcare Process of Early Intervention

1. Monitoring the high-risk new-born
2. Intellectual disabilities
3. Sensory disorder
4. Autism spectrum disorders
5. Motor disabilities
WHAT ABOUT THE CHILD DEVELOPMENT CENTERS?

- Program of quality and accreditation of the CDC (2008)

- Standards manual of the CDC (2012)

- Decree 2016
- Framework Agreement

✓ Psychologist
✓ Physiotherapist
✓ Speech therapist

TRANS DISCIPLINARY TEAM

3. CHRONOLOGY AND LANDMARKS
**Alborada**

INFORMATION SYSTEM

(Pons et al, 2010)
PROVINCIAL EARLY INTERVENTION TEAMS (EPAT)

✓ EPAT STARTS IN 2007
✓ IT IS REGULATED BY DECREES SINCE 2016

intersectoral coordination

Social Services
professional

Educational Services
Professional

Health Services
professional

- Early Intervention Provincial Consultant
- Coordinator of Early Intervention Units

3. CHRONOLOGY AND LANDMARKS
EARLY INTERVENTION UNITS (UAIT)

✓ Paediatrician
✓ Clinical Psychologist
TRANSDISCIPLINARY TEAM

reception

evaluation

taking decisions

3. CHRONOLOGY AND LANDMARKS
ANDALUSIAN ECI NETWORK OF RESOURCES

- The resources existing in the Public Health System of Andalusia
- Early Intervention Units (UAIT)
- Child Development Centers (CDC)
- Provincial Early Intervention Teams (EPAT)

ESTABLISHING COORDINATION BETWEEN

- Educational Services
- Social Services

Maximum 30 days

REFERRAL
4. SOME RESULTS OF OUR INTERVENTION
Annual and progressive budget increase

NUMBER OF CASES ATTENDED

Universal FREE ACCESS

*2018: figure up to current month
*2019: estimated figure

€/CHILD

4. SOME RESULTS OF OUR INTERVENTIONS
CASES ATTENDED IN 2017: 20,460 (4.14% of Andalusian population under 6 years old)

- Female: 32%
- Male: 68%
C A S E S  A T T E N D E D  I N  2 0 1 7 :  2 0 . 4 6 0  (4.14% of Andalusian population under 6 years old)

10.625 Estimated population with developmental disorders and disabilities

22.978 Estimated population with developmental disorders

36.229 Estimated population with a biological or social risk of suffering from a disorder

494.167 Andalusian population under 6 year-olds
4. SOME RESULTS OF OUR INTERVENTIONS
4. SOME RESULTS OF OUR INTERVENTIONS

ODAT DIAGNOSIS (Alborada 2017)

Axis I BIOLOGICAL RISK FACTORS: 2777
Axis II FAMILIAL RISK FACTORS: 114
Axis III ENVIRONMENTAL RISK FACTORS: 9
Axis IV DEVELOPMENTAL DISORDERS: 17534
Axis V FAMILY: 13
Axis VI ENVIRONMENT: 5
AXIS IV (Alborada 2017)

4. SOME RESULTS OF OUR INTERVENTIONS
AUTISM SPECTRUM DISORDERS (Alborada 2017)

- 0 to 3 year-olds: 77%
- 3 to 6 year-olds: 23%
Reasons for Treatment Termination (Alborada 2017)

- Team Changes: 324
- Appropriate Level of Development: 1529
- Reached 6 Years of Age: 1458
- Voluntary Discharge: 94
- Other: 756
- Exitus: 33

4. Some Results of Our Interventions
5. FUTURE PROSPECTS
Strengths of the Andalusian ECI

- Universal Free Access
- Increased Accessibility in terms of:
  - Geographical Proximity
  - Speed of Response Time (from Referral to Evaluation & Treatment)
- The Alborada Information System

5. Future Prospects
Some proposals for the future

- To publish the Andalusian Comprehensive Childhood Intervention Plan
- To create the Early Childhood Council and the Technical Commission for Early Childhood Intervention
- To promote the homogenization of the ECI in the entire Spanish state
- To design a training and research policy for Early Intervention professionals
- To promote research that provides new data on the relationship between socio-demographic aspects of populations and incidences of developmental disorders in Andalusia
- Put together new evaluation tools, or re-evaluate the existing ones
- To replace the current quantitative criteria of intervention needs by qualitative criteria
- To assist the entire susceptible population by increasing the budget
Some proposals for the future

ORGANIZATION LEVEL
✓ PUBLISH
✓ CREATE
✓ HOMOGENIZE

TRAINING & RESEARCH
✓ T&R POLICY
✓ NEW DATA

QUALITY
✓ NEW EVALUATION TOOLS
✓ QUALITATIVE CRITERIA
✓ BUDGET INCREASE

5. FUTURE PROSPECTS
thanks for your attention

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ASPECTS TO DISCUSS

1. Reflecting on transdisciplinary and multi-professional concepts.

2. Reflecting on the central role of the family during the process of detection, evaluation and intervention.

3. How the sociodemographic and familial risk factors can influence the expression of some early disorders.

4. Improvement strategies (environment, intersectoral coordination).