

Lennox-Gastaut Syndrome. Situation analysis and Family Journey

Vacas Montero E^{1,2}, Zumárraga Astorqui L³, Zurita Santamaría J⁴, Soto Insuga V⁵, Ojeda J⁶, Neri Crespo MJ⁷, Molins Albanell A⁸, Nicol B⁹

¹International Bureau for Epilepsy (IBE), Dublin, Ireland; ²Spanish Epilepsy Federation (FEDE), Seville, Spain; ³NeuroPed, Alcobendas, Spain; ⁴Hospital Universitario Infanta Leonor, Madrid, Spain; ⁵Hospital Universitario Infantil Niño Jesús, Madrid, Spain; ⁶Hospital Universitario Infanta Sofía, Madrid, Spain; ⁷Unit of Epilepsy, Hospital Clínico Universitario de Valladolid, Valladolid, Spain; ⁸Hospital Josep Trueta, Girona, Spain; ⁹Purple Day, Spain

INTRODUCTION

- Lennox-Gastaut syndrome (LGS) is a severe and rare form of **developmental and epileptic encephalopathy** that usually develops in childhood.^{1,2}
- It is characterised by multiple types of **epileptic seizures**, **electroencephalogram (EEG)** abnormalities and **neurodevelopmental delay**^{1,2}.
- It is associated with **cognitive and behavioral problems**, difficult to control crises and **progressive deterioration** throughout the patient's life³.
- It can be **secondary**, with **identifiable cause** (75%), or **idiopathic or cryptogenic**, without cause (25%)³.

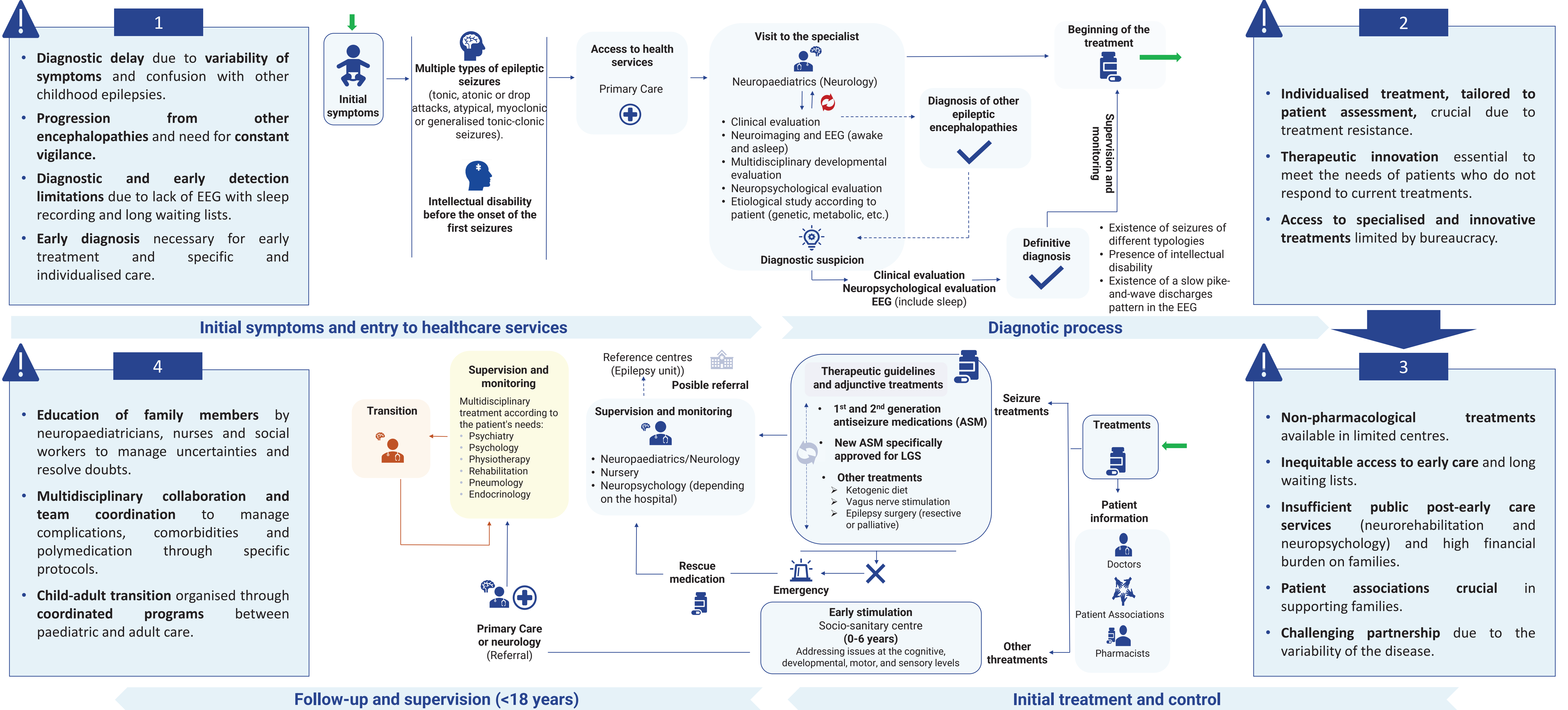
OBJECTIVE

To outline the **Family Journey of both paediatric and adult LGS patients** and their families.

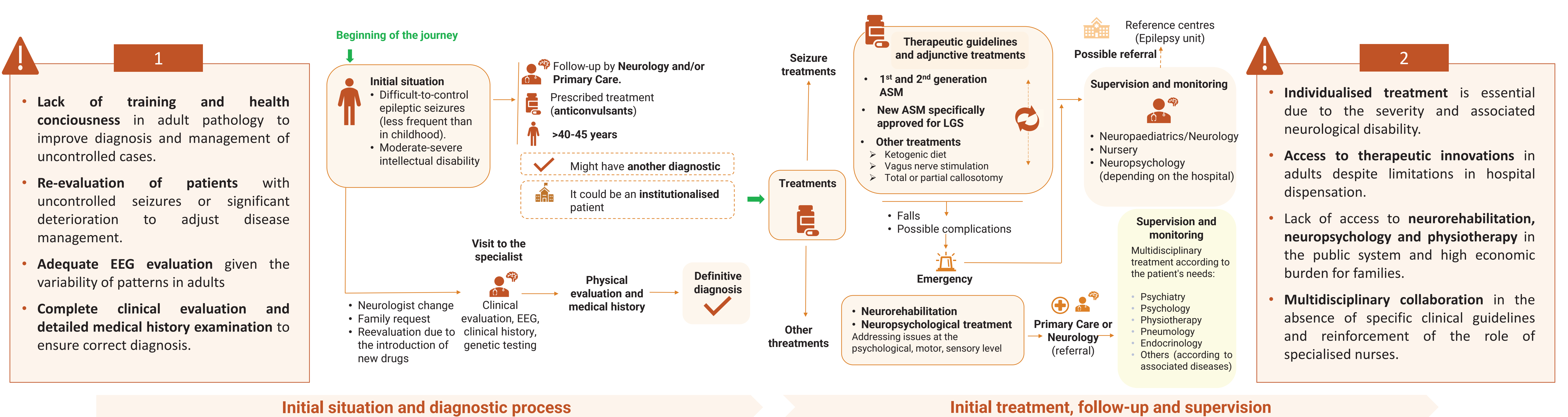
METHODOLOGY

- Establishment of a multidisciplinary group with representation from healthcare professionals (paediatric neurologists, adult neurologists, neuropsychologists, and nurses) and patient associations.
- Interviews and work session with the multidisciplinary group.
- Consensus on the LGS Family Journey.

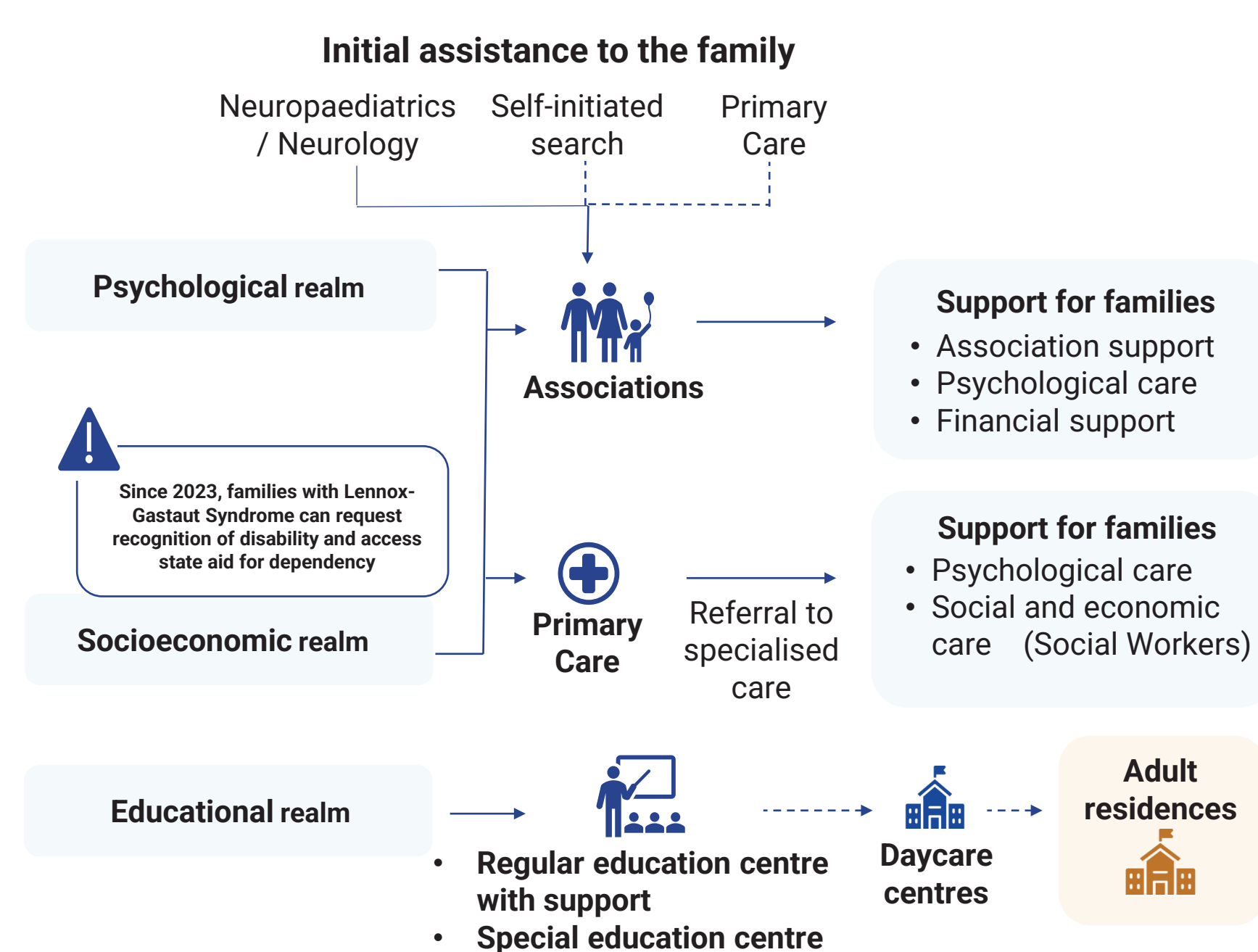
FAMILY JOURNEY OF PAEDIATRIC PATIENTS WITH LENNOX-GASTAUT SYNDROME



FAMILY JOURNEY OF ADULT PATIENTS WITH LENNOX-GASTAUT SYNDROME

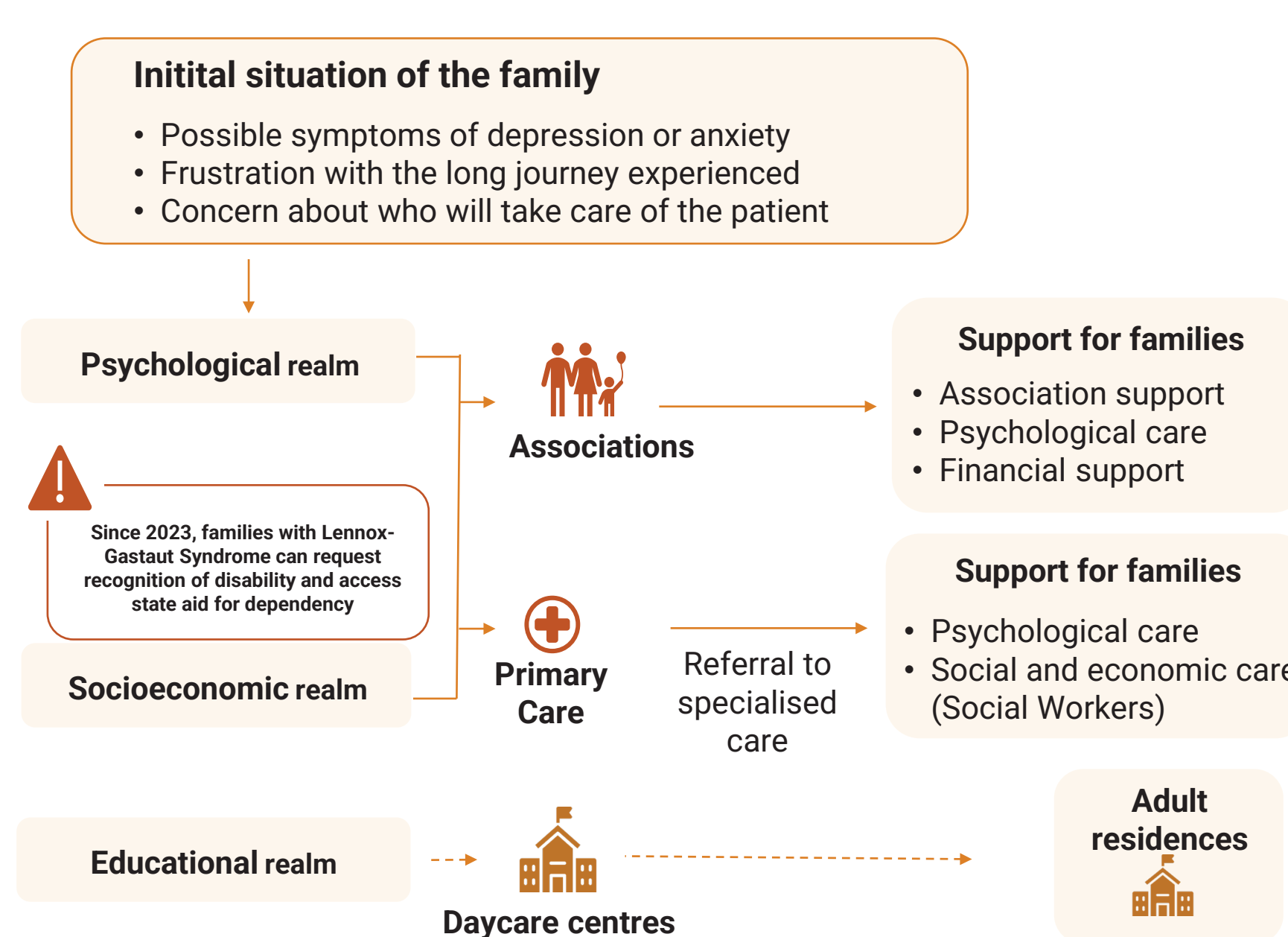


Paediatric patients



PSYCHOSOCIAL NEEDS

Adult patients



- Limited access to **psychosocial care and specialised centres and services** in the public health system due to lack of resources and long waiting lists.
- Lack of knowledge and bureaucratic difficulties in accessing **public financial aid**.
- Problems with **referral protocols** and long waits to access **residences and day care centres**.
- Lack of **resources for families and caregivers**, especially for full-time care.
- Need to facilitate access to **support materials** such as helmets and wheelchairs through the public health system.

CONCLUSIONS

- LGS has **varied symptomatology**, complicating diagnosis. **Early diagnosis** is essential for **individualised care and personalised treatments** with pharmacological and non-pharmacological options.
- It affects **cognitive, motor and adaptive development**, with an emotional and economic impact on families and caregivers. **Psychological resources and neurorehabilitation programs** are necessary.
- A **comprehensive approach** with specialised medical care and **psychosocial support** is vital. It is crucial to promote **research** and raise awareness of early diagnosis and **access to appropriate treatments**.

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