ERN Patient JOURNEY









CONGENITAL CUTIS LAXA with Neuro and Skeletal symptoms

2025





Overview of Patient Journey





Pre-Diagnosis and 1st Symptom

- ✓ Pre-diagnosis if family history and/or intrauterine growth retardation
- ✓ First symptoms:

 precociously

 wrinkled, sagging

 skin, large anterior

 fontanelle, hip

 dislocation, micro- or

 macrocephaly

Diagnosis

From birth or from the appearance of the first symptoms:

Multidisciplinary consultation and confirmation of the clinical diagnosis with biopsy and molecular diagnosis,

Psychological support for the patient, parents and siblings as soon as the diagnosis is announced

Comorbidities

Evaluation of comorbidities as soon as the diagnosis is confirmed:

- ✓ Mild to severe mental retardation
- ✓ Epileptic seizures
- ✓ Eye disorders
- ✓ Osteoporosis
- ✓ Late closing of fontanelles
- ✓ Hearing loss
- ✓ Joint disorders

Treatments

✓(Symptomatic treatment

(Surgery, Physiotherapy)

of skeletal disorders:

- ✓Treatment of sensory disorders (Ophthalmology, Hearing Aid, Speech Therapy)
- Management of mental retardation (appropriate care, assessment of course and severity)
- √Treatment of wrinkles
 and excess skin

Family Planning F

Risks during

Transmission risks

Accompaniment in the process of wanting to have a child

Follow-up

Psychological followup

✓ burden of the others' gaze

- ✓ Pay attention to the patient's mental health
- ✓ Ensuring quality of lifedu patient

Follow-up care

- ✓ Comorbidity surveillance
- ✓ Evolution of skeletal disorders
- ✓ Epileptic seizures

Psychosocial follow-up

Lethal risks

suicidal thoughts

Rupture of social interaction

Loneliness and isolation







Pre-Diagnosis and First Symptoms



Clinical Presentation

 From birth, precociously wrinkled, sagging skin, large anterior fontanelle, hip dislocation, micro- or macrocephaly

Patient Needs

- Access to experts in and/or outside the country of birth
- Patient-friendly and plain language information
- Taking into account the whole family (parents and siblings)
- Psychological support

Actions needed

- multidisciplinary consultation (genetics, cardiology, pulmonology, dermatology, etc.)
- Connecting with Cutis Laxa experts

Ideal situation & Support

- Prenatal test in case of family history
- Facilitating clinical diagnosis: training of general practitioners, specialists and other health professionals in the identification of symptoms
- Peer Support (Patient Organisation)
- Quick determination of the exact type by molecular diagnosis





Diagnostic



Clinical Presentation

 From birth, precociously wrinkled, sagging skin, large anterior fontanelle, hip dislocation, microor macrocephaly

Patient Needs

- Announcement of the diagnosis followed by psychological care
- Be listened to, understood and your opinion taken into account
- Have reliable answers to your questions
- Psychological support for parents and siblings
- Quick medical and social care
- Symptomatic Treatment Options

Actions needed

- Establishment of a multidisciplinary consultation
- Clinical diagnosis confirmed by biopsy and molecular diagnosis to define the precise type of CL

Ideal Situation & Support

- Quick determination of the exact type of Cutis Laxa for rapid assessment of possible comorbidities
- Information and announcement of the diagnosis made in clear, understandable and attentive language,
- All patient/parent questions are heard and answered
- Immediate implementation of care (medical, psychological and medico-social)
- Peer Support (Patient Organisation)



Comorbidities



Clinical Presentation

- Mild to severe mental retardation
- Epileptic seizures
- Stunting
- Eye disorders
- Osteoporosis
- Late closing of fontanelles
- Hearing loss
- Joint disorders

Patient Needs

- Be accompanied and supported during the delivery of the results of internal assessments
- · Find the experts
- Be supported in the psychological impact of comorbidities (impact of mental retardation)
- Be properly informed, in one's mother tongue, about the treatment options for comorbidities
- Be informed about the consequences of comorbidities on quality of life (lifestyle, sports practice, etc.)
- · Psychological care for the patient, parents and siblings

Actions needed

- Complete internal check-up
- Hearing tests
- Ophthalmological tests
- Neurological Assessment
- Orthopedic Evaluation
- Assessment of the level of joint pain

Ideal situation & support

- Access to national or international expertise
- Receive all the necessary information on comorbidities (consequences, possible treatments, impact on quality of life) in their mother tongue
- Psychological support for the patient and his or her family
- Medico-social support for the impact of comorbidities on quality of life and financial support for this support
- Access to adapted sports activities





Treatment(s)



Clinical Presentation

According to the comorbidities identified

Patient Needs

- Be properly referred to the CL experts for each of the associated comorbidities
- Find expert specialists
- Psychological support
- Medico-social support
- Continued follow-up in the transition from child to adult
- Information on options and reservations for the treatment of wrinkles and excess skin

Actions Needed According to the Comorbidities Identified:

- Symptomatic treatment of skeletal disorders (Orthopaedic surgery, Physiotherapy)
- Treatment of sensory disorders (Ophthalmology, Hearing Aid, Speech Therapy
- Management of mental retardation (appropriate care, assessment of evolution and severity)
- Treatment of wrinkles and excess skin

Ideal situation & support

- International map of experts according to identified comorbidities
- · Multidisciplinary care throughout life
- Reliable information on reconstructive surgery options
- Accompaniment and tutoring, adapted to mental retardation
- Medical and social support in adulthood
 - Psychological support for the patient and his or her family
- Sharing experience with peers (disease association)
- Surveillance/follow-up of comorbidities



Planning Familial



Clinical Presentation

- Puberty
- Desire to have a child
- Questioning Genetic Transmission
- Pregnancy

Patient Needs

- Be informed from puberty of the impact of the disease on pregnancy (transmission, risks to the mother, possible options)
- · Sharing of experience and advice on family planning,
- Procedure to follow in case of desire to have a child (prenatal test, invitro fertilization, preimplantation diagnosis, etc.)
- Psychological support for decision-making

Actions needed

- Answering questions, even anticipating them
- Provide the necessary information
- Patient education/training in genetic transmission
- Information on the risks associated with pregnancy

Ideal situation & support

- Consideration and support for future parents' choices
- Expert obstetrician-gynecologists
- Patient informed of options and consequences
- Information on the risks associated with the comorbidities identified



Psychological Follow-up and Follow-up Care



Clinical Presentation

- Psychological state of the patient and evolution over the years,
- Impact of information received (comorbidities)
- Burden of the gaze of others
- Social and professional impact
- Patient Mental Health
- Evolution of comorbidities

Besoins du Patient

- Information on the various therapies available and support in self-esteem
- Coordinated child/adult transition without a break in followup
- Improvement of quality of life on all levels (relational, professional, family, intimate, etc.)
- Knowledge of the tools/resources available at each age of life (sports, social activities)
- · Specific emergency card

Actions needed

- Taking into account psychosocial challenges (school, work, social life)
- Consideration of quality of life
- Skin Health Education
- Environmental impact and "risky" behaviour (tobacco, diet, sports)
- Comorbidity surveillance
- Epileptic seizures
- Psychosocial support

Ideal Situation & Support

- Long-term support in acceptance and self-image
- Access and coverage of various possible therapies
- Informed social environment
- Support for the whole family
- Access to information in one's own language
- Psychotherapists who are experts in the impact of dermatological diseases on quality of life and their psychosocial burden



Lethal Risks



Clinical Presentation

- Suicidal thoughts
- Rupture of social interaction
- Solitude
- Isolation

Patient Needs

- Appropriate support and care
- Support for the patient and those around him
- Specially trained counselors

Actions needed

- Pay attention to the psychological impact of the disease
- Ensure that the patient is properly cared for

Ideal Situation & Support

- Connection with specialized services/experts
- Regular support from expert peers
- Support from loved ones



Further Information



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