

Supplementary file 1. Data collection instrument applied to experts in Pediatrics.

Expert questionnaire

This questionnaire is aimed at specialists in the field of Pediatrics and aims to assess the costs related to the health of children according to the degree of disability in three different age groups.

PLEASE ANSWER ALL QUESTIONS ACCORDING TO YOUR OPINION AND PROFESSIONAL EXPERIENCE, CONSIDERING THE NORMAL SCENARIO PRIOR TO THE COVID-19 PANDEMIC (e.g., Use the year 2019 as a base).

Please, find below the description of each degree of disability:

NO DEFICIENCY: Patient who, due to a disease in the neonatal period, was at risk for a lifelong disability/sequel, but who evolved satisfactorily and without injury. The patient will have a normal life, without additional burden to the health service and insurance companies.

MILD DEFICIENCY: Patient who evolves with mild disability, which may be characterized by learning difficulties, mild cognitive delay, speech delay, mild visual or auditory deficit. The patient is not subject to social and economic dependence. It will have small lifelong medical costs.

MODERATE DEFICIENCY: Patient evolves with motor and swallowing difficulties, speech delay, visual/hearing deficits and moderate learning difficulties. It requires monitoring by a speech therapist, physiotherapist, neurologist, orthopedist and dentist. Lifelong social and economic dependence is characterized.

SERIOUS DEFICIENCY: Patient evolves with severe difficulties in swallowing and breathing. Develops severe motor and cognitive problems, being dependent on their caregivers for life. The multidisciplinary follow-up is extensive, involving professionals from different medical areas. The patient needs special medications and has a much higher number of hospitalizations and surgical procedures compared to patients in other disability categories.

E-mail:

In which region of Brazil do you work professionally?

North

Northeast

Midwest

Southeast

South

Coagulogram from 11 to 20 years									
Hip panoramic radiograph from 1 to 12 months									
Hip panoramic radiograph from 1 to 10 years									
Hip panoramic radiograph from 11 to 20 years									
Foot X-Ray from 1 to 12 months									
Foot X-Ray from 1 to 10 years									
Foot X-Ray from 11 to 20 years									
Spine X-Ray from 1 to 12 months									
Spine X-Ray from 1 to 10 years									
Spine X-Ray from 11 to 20 years									
Chest X-Ray from 1 to 12 months									
Chest X-Ray from 1 to 10 years									
Chest X-Ray from 11 to 20 years									
Chest tomography from 1 to 12 months									
Chest tomography from 1 to 10 years									
Chest tomography from 11 to 20 years									
Skull tomography from 1 to 12 months									
Skull tomography from 1 to 10 years									
Skull tomography from 11 to 20 years									
Skull resonance from 1 to 12 months									
Skull resonance from 1 to 10 years									
Skull resonance from 11 to 20 years									
Electroencephalogram from 1 to 12 months									
Electroencephalogram from 1 to 10 years									
Electroencephalogram from 11 to 20 years									
Electrocardiogram from 1 to 12 months									
Electrocardiogram from 1 to 10 years									
Electrocardiogram from 11 to 20 years									

Need for medication for people WITHOUT DISABILITIES, considering the different age groups:

	Without necessity	Partial necessity	Total necessity
Anticonvulsants from 1 to 12 months			
Anticonvulsants from 1 to 10 years			
Anticonvulsants from 11 to 20 years			
Antibiotics from 1 to 12 months			
Antibiotics from 1 to 10 years			
Antibiotics from 11 to 20 years			
Painkillers from 1 to 12 months			
Painkillers from 1 to 10 years			

Painkillers from 11 to 20 years			
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Need for medication for people with MILD DISABILITIES, considering the different age groups:

	Without necessity	Partial necessity	Total necessity
Anticonvulsants from 1 to 12 months			
Anticonvulsants from 1 to 10 years			
Anticonvulsants from 11 to 20 years			
Antibiotics from 1 to 12 months			
Antibiotics from 1 to 10 years			
Antibiotics from 11 to 20 years			
Painkillers from 1 to 12 months			
Painkillers from 1 to 10 years			
Painkillers from 11 to 20 years			

Need for medication for people with MODERATE DISABILITIES, considering the different age groups:

	Without necessity	Partial necessity	Total necessity
Anticonvulsants from 1 to 12 months			
Anticonvulsants from 1 to 10 years			
Anticonvulsants from 11 to 20 years			
Antibiotics from 1 to 12 months			
Antibiotics from 1 to 10 years			
Antibiotics from 11 to 20 years			
Painkillers from 1 to 12 months			
Painkillers from 1 to 10 years			
Painkillers from 11 to 20 years			

Need for medication for people with SEVERE DISABILITIES, considering the different age groups:

	Without necessity	Partial necessity	Total necessity
Anticonvulsants from 1 to 12 months			
Anticonvulsants from 1 to 10 years			
Anticonvulsants from 11 to 20 years			
Antibiotics from 1 to 12 months			
Antibiotics from 1 to 10 years			
Antibiotics from 11 to 20 years			
Painkillers from 1 to 12 months			
Painkillers from 1 to 10 years			
Painkillers from 11 to 20 years			

Procedures in people WITHOUT DISABILITIES, considering the different age groups:

	Very unlikely	Likely	Very likely
Tenotomy from 1 to 12 months			
Tenotomy from 1 to 10 years			
Tenotomy from 11 to 20 years			
Gastrostomy from 1 to 12 months			
Gastrostomy from 1 to 10 years			
Gastrostomy from 11 to 20 years			
Gastric fundoplication from 1 to 12 months			
Gastric fundoplication from 1 to 10 years			
Gastric fundoplication from 11 to 20 years			
Tracheostomy from 1 to 12 months			
Tracheostomy from 1 to 10 years			
Tracheostomy from 11 to 20 years			
Botox from 1 to 12 months			
Botox from 1 to 10 years			
Botox from 11 to 20 years			

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	Very unlikely	Likely	Very likely
Tenotomy from 1 to 12 months			
Tenotomy from 1 to 10 years			
Tenotomy from 11 to 20 years			
Gastrostomy from 1 to 12 months			
Gastrostomy from 1 to 10 years			
Gastrostomy from 11 to 20 years			
Gastric fundoplication from 1 to 12 months			
Gastric fundoplication from 1 to 10 years			
Gastric fundoplication from 11 to 20 years			
Tracheostomy from 1 to 12 months			
Tracheostomy from 1 to 10 years			
Tracheostomy from 11 to 20 years			
Botox from 1 to 12 months			
Botox from 1 to 10 years			
Botox from 11 to 20 years			

Procedures in people with MODERATE DISABILITIES, considering the different age groups:

	Very unlikely	Likely	Very likely
Tenotomy from 1 to 12 months			
Tenotomy from 1 to 10 years			
Tenotomy from 11 to 20 years			
Gastrostomy from 1 to 12 months			
Gastrostomy from 1 to 10 years			
Gastrostomy from 11 to 20 years			
Gastric fundoplication from 1 to 12 months			
Gastric fundoplication from 1 to 10 years			
Gastric fundoplication from 11 to 20 years			
Tracheostomy from 1 to 12 months			
Tracheostomy from 1 to 10 years			
Tracheostomy from 11 to 20 years			
Botox from 1 to 12 months			
Botox from 1 to 10 years			
Botox from 11 to 20 years			

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Gastric fundoplication from 1 to 10 years			
Gastric fundoplication from 11 to 20 years			
Tracheostomy from 1 to 12 months			
Tracheostomy from 1 to 10 years			
Tracheostomy from 11 to 20 years			
Botox from 1 to 12 months			
Botox from 1 to 10 years			
Botox from 11 to 20 years			

Complications in people WITHOUT DISABILITIES, considering the different age groups:

	Muito improvável	Provável	Muito provável
Pneumonia from 1 to 12 months			
Pneumonia from 1 to 10 years			
Pneumonia from 11 to 20 years			
Fracture from 1 to 12 months			
Fracture from 1 to 10 years			
Fracture from 11 to 20 years			
Infected pressure lesions from 1 to 12 months			
Infected pressure lesions from 1 to 10 years			
Infected pressure lesions from 11 to 20 years			
Hip dislocation surgery from 1 to 12 months			
Hip dislocation surgery from 1 to 10 years			
Hip dislocation surgery from 11 to 20 years			
Surgery for scoliosis from 1 to 12 months			
Surgery for scoliosis from 1 to 10 years			
Surgery for scoliosis from 11 to 20 years			

Complications in people with MILD DISABILITIES, considering the different age groups:

	Muito improvável	Provável	Muito provável
Pneumonia from 1 to 12 months			
Pneumonia from 1 to 10 years			
Pneumonia from 11 to 20 years			
Fracture from 1 to 12 months			
Fracture from 1 to 10 years			
Fracture from 11 to 20 years			
Infected pressure lesions from 1 to 12 months			
Infected pressure lesions from 1 to 10 years			
Infected pressure lesions from 11 to 20 years			
Hip dislocation surgery from 1 to 12 months			
Hip dislocation surgery from 1 to 10 years			
Hip dislocation surgery from 11 to 20 years			
Surgery for scoliosis from 1 to 12 months			
Surgery for scoliosis from 1 to 10 years			
Surgery for scoliosis from 11 to 20 years			

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	Muito improvável	Provável	Muito provável
Pneumonia from 1 to 12 months			

Pneumonia from 1 to 10 years			
Pneumonia from 11 to 20 years			
Fracture from 1 to 12 months			
Fracture from 1 to 10 years			
Fracture from 11 to 20 years			
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Hip dislocation surgery from 1 to 10 years			
Hip dislocation surgery from 11 to 20 years			
Surgery for scoliosis from 1 to 12 months			
Surgery for scoliosis from 1 to 10 years			
Surgery for scoliosis from 11 to 20 years			

Need for services and support materials for people WITHOUT DISABILITIES, considering the different age groups:

	Without necessity	Partial necessity	Total necessity
Orthosis/prosthesis from 1 to 12 months			
Orthosis/prosthesis from 1 to 10 years			
Orthosis/prosthesis from 11 to 20 years			
Hospital bed from 1 to 12 months			

Hospital bed from 1 to 10 years			
Hospital bed from 11 to 20 years			
Wheelchair from 1 to 12 months			
Wheelchair from 1 to 10 years			
Wheelchair from 11 to 20 years			
Toilet chair from 1 to 12 months			
Toilet chair from 1 to 10 years			
Toilet chair from 11 to 20 years			
Enteral diet from 1 to 12 months			
Enteral diet from 1 to 10 years			
Enteral diet from 11 to 20 years			
Supplemental oxygen from 1 to 12 months			
Supplemental oxygen from 1 to 10 years			
Supplemental oxygen from 11 to 20 years			
Home care assistance from 1 to 12 months			
Home care assistance from 1 to 10 years			
Home care assistance from 11 to 20 years			

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	Without necessity	Partial necessity	Total necessity
Orthosis/prosthesis from 1 to 12 months			
Orthosis/prosthesis from 1 to 10 years			
Orthosis/prosthesis from 11 to 20 years			
Hospital bed from 1 to 12 months			
Hospital bed from 1 to 10 years			
Hospital bed from 11 to 20 years			
Wheelchair from 1 to 12 months			
Wheelchair from 1 to 10 years			
Wheelchair from 11 to 20 years			
Toilet chair from 1 to 12 months			
Toilet chair from 1 to 10 years			
Toilet chair from 11 to 20 years			
Enteral diet from 1 to 12 months			
Enteral diet from 1 to 10 years			
Enteral diet from 11 to 20 years			
Supplemental oxygen from 1 to 12 months			
Supplemental oxygen from 1 to 10 years			
Supplemental oxygen from 11 to 20 years			
Home care assistance from 1 to 12 months			

Home care assistance from 1 to 10 years			
Home care assistance from 11 to 20 years			

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Orthosis/prosthesis from 1 to 10 years			
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Hospital bed from 1 to 10 years			
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Wheelchair from 1 to 12 months			
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Enteral diet from 11 to 20 years			
Supplemental oxygen from 1 to 12 months			
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Home care assistance from 1 to 10 years			
Home care assistance from 11 to 20 years			