



INSTRUCTIONS FOR THE ABILOCO-KIDS QUESTIONNAIRE

The ABILOCO-Kids questionnaire

The ABILOCO-Kids questionnaire was developed as a measure of locomotion ability in a sample of children with Cerebral Palsy. It explores the most representative inventory of locomotion activities. Items were selected from existing scales and on the clinical experience of professionals in the field of rehabilitation. The parents have a more precise assessment of their children's ability than the children themselves, leading to a wider range of measurement well targeted on the sample population and with good reliability ($R=0.97$). ABILOCO-Kids was therefore exclusively built on the parents' perceptions. The 10 items of ABILOCO-Kids defined a valid and reliable locomotion ability scale. ABILOCO-Kids was originally developed using the Rasch model which allows to convert ordinal scores into linear measures located on a unidimensional scale.

Procedures

Parents are asked to fill in the questionnaire by estimating their child's ease or difficulty in performing each activity.

Parents are asked to provide their perceived child's difficulty on a 3-level response scale: "Impossible", "Difficult", or "Easy". Activities not attempted in the last 3 months are not scored and are entered as missing responses (check the question mark '?' on the scoring sheet). For any activity the four potential answers are:

- **Impossible:** the child is unable to perform the activity.
- **Difficult:** the child is able to perform the activity but with some difficulty.
- **Easy:** the child is able to perform the activity easily.
- **Question mark:** the parents cannot estimate the difficulty of the activity for their child because he/she has never done the activity. However, if the activity was never attempted because it is impossible, then it must be scored as "Impossible" rather than "Question mark".

The instructions are given to the parents only at the beginning of the test.

Activities order

The activities of the ABILOCO-Kids questionnaire are presented in a random order to avoid any systematic effect. Ten different random orders of presentation are used. The rater must select the next one of the 10 orders for each new assessment, no matter which child is tested.

Package content

- 1 instruction sheet
- Testing forms in ten random orders (10 sheets)

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 1

Name: _____

How DIFFICULT are the following locomotion activities?	Impossible	Difficult	Easy	?
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1	Going up an escalator alone.				
2	Going up stairs putting each foot on the next step.				
3	Walking backwards.				
4	Walking several minutes at the same speed as a healthy child.				
5	Going down stairs putting each foot on the next step.				
6	Running correctly even if you have to turn.				
7	Walking while holding a fragile object (such as a full glass).				
8	Walking less than five meters, indoors, holding onto pieces of furniture.				
9	Turning and walking in a narrow space.				
10	Going up and down stairs without holding onto the banisters.				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 2

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Walking backwards.				
2	Going down stairs putting each foot on the next step.				
3	Walking less than five meters, indoors, holding onto pieces of furniture.				
4	Running correctly even if you have to turn.				
5	Walking while holding a fragile object (such as a full glass).				
6	Going up an escalator alone.				
7	Going up stairs putting each foot on the next step.				
8	Walking several minutes at the same speed as a healthy child.				
9	Going up and down stairs without holding onto the banisters.				
10	Turning and walking in a narrow space.				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 3

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Turning and walking in a narrow space.				
2	Walking less than five meters, indoors, holding onto pieces of furniture.				
3	Running correctly even if you have to turn.				
4	Going up an escalator alone.				
5	Going up stairs putting each foot on the next step.				
6	Walking while holding a fragile object (such as a full glass).				
7	Going up and down stairs without holding onto the banisters.				
8	Walking backwards.				
9	Walking several minutes at the same speed as a healthy child.				
10	Going down stairs putting each foot on the next step.				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 4

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Walking while holding a fragile object (such as a full glass).				
2	Going down stairs putting each foot on the next step.				
3	Turning and walking in a narrow space.				
4	Walking backwards.				
5	Going up an escalator alone.				
6	Going up stairs putting each foot on the next step.				
7	Walking less than five meters, indoors, holding onto pieces of furniture.				
8	Walking several minutes at the same speed as a healthy child.				
9	Going up and down stairs without holding onto the banisters.				
10	Running correctly even if you have to turn.				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 5

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Walking backwards.				
2	Running correctly even if you have to turn.				
3	Turning and walking in a narrow space.				
4	Going up and down stairs without holding onto the banisters.				
5	Walking while holding a fragile object (such as a full glass).				
6	Going up an escalator alone.				
7	Walking several minutes at the same speed as a healthy child.				
8	Going down stairs putting each foot on the next step.				
9	Walking less than five meters, indoors, holding onto pieces of furniture.				
10	Going up stairs putting each foot on the next step.				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 6

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Walking backwards.				
2	Walking several minutes at the same speed as a healthy child.				
3	Going up stairs putting each foot on the next step.				
4	Going up and down stairs without holding onto the banisters.				
5	Running correctly even if you have to turn.				
6	Going up an escalator alone.				
7	Walking while holding a fragile object (such as a full glass).				
8	Going down stairs putting each foot on the next step.				
9	Turning and walking in a narrow space.				
10	Walking less than five meters, indoors, holding onto pieces of furniture.				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 7

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Going up and down stairs without holding onto the banisters.				
2	Running correctly even if you have to turn.				
3	Walking several minutes at the same speed as a healthy child.				
4	Walking backwards.				
5	Walking less than five meters, indoors, holding onto pieces of furniture.				
6	Turning and walking in a narrow space.				
7	Going up an escalator alone.				
8	Going up stairs putting each foot on the next step.				
9	Going down stairs putting each foot on the next step.				
10	Walking while holding a fragile object (such as a full glass).				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 8

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Walking several minutes at the same speed as a healthy child.				
2	Going up an escalator alone.				
3	Going up stairs putting each foot on the next step.				
4	Going down stairs putting each foot on the next step.				
5	Walking backwards.				
6	Running correctly even if you have to turn.				
7	Walking less than five meters, indoors, holding onto pieces of furniture.				
8	Going up and down stairs without holding onto the banisters.				
9	Turning and walking in a narrow space.				
10	Walking while holding a fragile object (such as a full glass).				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 9

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Going down stairs putting each foot on the next step.				
2	Walking less than five meters, indoors, holding onto pieces of furniture.				
3	Running correctly even if you have to turn.				
4	Walking while holding a fragile object (such as a full glass).				
5	Going up and down stairs without holding onto the banisters.				
6	Walking backwards.				
7	Walking several minutes at the same speed as a healthy child.				
8	Turning and walking in a narrow space.				
9	Going up an escalator alone.				
10	Going up stairs putting each foot on the next step.				

ABILOCO-Kids - Locomotion Ability Measure

English version. Order 10

Name: _____

How DIFFICULT are the following locomotion activities?		Impossible	Difficult	Easy	?
1	Turning and walking in a narrow space.				
2	Going down stairs putting each foot on the next step.				
3	Walking less than five meters, indoors, holding onto pieces of furniture.				
4	Running correctly even if you have to turn.				
5	Going up and down stairs without holding onto the banisters.				
6	Walking while holding a fragile object (such as a full glass).				
7	Walking backwards.				
8	Going up stairs putting each foot on the next step.				
9	Going up an escalator alone.				
10	Walking several minutes at the same speed as a healthy child.				