



INSTRUCTIONS FOR THE ABILOCO QUESTIONNAIRE

The ABILOCO questionnaire

The ABILOCO questionnaire was elaborated as a measure of locomotion ability in a sample of adult stroke patients. It explores the most representative inventory of locomotion activities (Activity domain of the World Health Organization International Classification of Functioning ICF). Items were selected from existing scales and on the clinical experience of professionals in the field of rehabilitation. ABILOCO was originally developed using the Rasch model which allows to convert ordinal scores into linear measures located on a unidimensional scale. The 13 items of ABILOCO defined a valid scale, which includes a wide range of locomotion abilities well targeted on the sample population, leading to a good reliability ($R= 0.93$).

Procedures

The ABILOCO questionnaire is administered on an interview basis. Patients do not realise the activities and are asked to estimate their perceived difficulty in performing it.

During the evaluation, a 2-level response scale is presented to the patients. They are asked to rate their perception on the response scale as 'Impossible' or 'Possible'. 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). Activities not realised because they are too difficult must be scored as 'Impossible'.

For any activity the three potential answers are:

-**Impossible**: the patient is unable to perform it.

-**Possible**: the patient is able to perform it.

-**Question mark**: the patient cannot estimate the difficulty of the activity because he/she has never done it. Note that when a patient has never attempted it, the rater needs to make sure why it is so. If an 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 patient only at the beginning of the test.



Activities order

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

Package content

1 instruction sheet
Testing forms in ten random orders

ABILOCO: A Measure of Locomotion Ability

English version. Order 1

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Going up an escalator alone.			
2	Hopping on the healthy foot.			
3	Going up stairs putting each foot on the next step.			
4	Walking backwards.			
5	Striding over an object with the paretic foot first.			
6	Striding over an object with the healthy foot first.			
7	Walking more than five meters alone, indoors, on flat ground without assistive device.			
8	Walking with the help of a person who guides but does not support.			
9	Walking less than five meters with the help of a person to support.			
10	Walking while holding a fragile object (such as a full glass).			
11	Walking less than five meters alone without the help or supervision of a person.			
12	Turning and walking in a narrow space.			
13	Walking less than five meters, indoors, holding pieces of furniture.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 2

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Walking less than five meters, indoors, holding pieces of furniture.			
2	Walking while holding a fragile object (such as a full glass).			
3	Walking with the help of a person who guides but does not support.			
4	Striding over an object with the paretic foot first.			
5	Walking more than five meters alone, indoors, on flat ground without assistive device.			
6	Turning and walking in a narrow space.			
7	Striding over an object with the healthy foot first.			
8	Walking less than five meters with the help of a person to support.			
9	Walking backwards.			
10	Walking less than five meters alone without the help or supervision of a person.			
11	Going up stairs putting each foot on the next step.			
12	Going up an escalator alone.			
13	Hopping on the healthy foot.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 3

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Walking backwards.			
2	Walking less than five meters, indoors, holding pieces of furniture.			
3	Striding over an object with the healthy foot first.			
4	Walking with the help of a person who guides but does not support.			
5	Walking more than five meters alone, indoors, on flat ground without assistive device.			
6	Walking less than five meters with the help of a person to support.			
7	Going up an escalator alone.			
8	Going up stairs putting each foot on the next step.			
9	Striding over an object with the paretic foot first.			
10	Walking while holding a fragile object (such as a full glass).			
11	Hopping on the healthy foot.			
12	Turning and walking in a narrow space.			
13	Walking less than five meters alone without the help or supervision of a person.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 4

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Walking less than 5 meters with the help of a person to support.			
2	Striding over an object with the paretic foot first.			
3	Walking less than five meters, indoors, holding pieces of furniture.			
4	Walking with the help of a person who guides but does not support.			
5	Walking while holding a fragile object (such as a full glass).			
6	Walking backwards.			
7	Walking less than 5 meters alone without the help or supervision of a person.			
8	Walking more than 5 meters alone, indoors, on flat ground without assistive device.			
9	Going up stairs putting each foot on the next step.			
10	Hopping on the healthy foot.			
11	Striding over an object with the healthy foot first.			
12	Going up an escalator alone.			
13	Turning and walking in a narrow space.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 5

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Walking with the help of a person who guides but does not support.			
2	Striding over an object with the paretic foot first.			
3	Hopping on the healthy foot.			
4	Walking less than five meters, indoors, holding pieces of furniture.			
5	Striding over an object with the healthy foot first.			
6	Going up stairs putting each foot on the next step.			
7	Walking more than five meters alone, indoors, on flat ground without assistive device.			
8	Walking less than five meters alone without the help or supervision of a person.			
9	Going up an escalator alone.			
10	Turning and walking in a narrow space.			
11	Walking backwards.			
12	Walking while holding a fragile object (such as a full glass).			
13	Walking less than five meters with the help of a person to support.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 6

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Striding over an object with the healthy foot first.			
2	Walking with the help of a person who guides but does not support.			
3	Walking while holding a fragile object (such as a full glass).			
4	Turning and walking in a narrow space.			
5	Walking less than five meters, indoors, holding pieces of furniture.			
6	Walking more than five meters alone, indoors, on flat ground without assistive device.			
7	Walking less than five meters with the help of a person to support.			
8	Striding over an object with the healthy foot first.			
9	Going up an escalator alone.			
10	Going up stairs putting each foot on the next step.			
11	Walking backwards.			
12	Walking less than five meters alone without the help or supervision of a person.			
13	Hopping on the healthy foot.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 7

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Walking backwards.			
2	Walking more than five meters alone, indoors, on flat ground without assistive device.			
3	Striding over an object with the healthy foot first.			
4	Walking less than five meters alone without the help or supervision of a person.			
5	Turning and walking in a narrow space.			
6	Walking less than five meters, indoors, holding pieces of furniture.			
7	Walking with the help of a person who guides but does not support.			
8	Going up an escalator alone.			
9	Going up stairs putting each foot on the next step.			
10	Walking while holding a fragile object (such as a full glass).			
11	Walking less than five meters with the help of a person to support.			
12	Striding over an object with the paretic foot first.			
13	Hopping on the healthy foot.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 8

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Walking less than five meters with the help of a person to support.			
2	Striding over an object with the paretic foot first.			
3	Walking backwards.			
4	Walking more than five meters alone, indoors, on flat ground without assistive device.			
5	Walking while holding a fragile object (such as a full glass).			
6	Turning and walking in a narrow space.			
7	Walking less than five meters, indoors, holding pieces of furniture.			
8	Walking less than five meters alone without the help or supervision of a person.			
9	Walking with the help of a person who guides but does not support.			
10	Going up an escalator alone.			
11	Going up stairs putting each foot on the next step.			
12	Hopping on the healthy foot.			
13	Striding over an object with the healthy foot first.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 9

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Hopping on the healthy foot.			
2	Going up stairs putting each foot on the next step.			
3	Striding over an object with the paretic foot first.			
4	Walking with the help of a person who guides but does not support.			
5	Walking less than five meters with the help of a person to support.			
6	Going up an escalator alone.			
7	Turning and walking in a narrow space.			
8	Walking less than five meters, indoors, holding pieces of furniture.			
9	Walking less than five meters alone without the help or supervision of a person.			
10	Walking more than five meters alone, indoors, on flat ground without assistive device.			
11	Walking while holding a fragile object (such as a full glass).			
12	Walking backwards.			
13	Striding over an object with the healthy foot first.			

ABILOCO: A Measure of Locomotion Ability

English version. Order 10

Name: _____

Could you estimate your ability to realize the following activities?	Impossible	Possible	?
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1	Walking less than five meters alone without the help or supervision of a person.			
2	Walking backwards.			
3	Walking while holding a fragile object (such as a full glass).			
4	Going up stairs putting each foot on the next step.			
5	Hopping on the healthy foot.			
6	Striding over an object with the paretic foot first.			
7	Walking less than five meters with the help of a person to support.			
8	Striding over an object with the healthy foot first.			
9	Walking less than five meters, indoors, holding pieces of furniture.			
10	Walking with the help of a person who guides but does not support.			
11	Walking more than five meters alone, indoors, on flat ground without assistive device.			
12	Turning and walking in a narrow space.			
13	Going up an escalator alone.			