

## Formulär 6 Gait data, Okt 2017

Uppföljning utförs ca 6, 12 och 24 månader eller senare efter aktuell amputation  
För patienter med bilateral amputation räknas uppföljningsintervallet från datum  
för amputation på slutlig nivå på den senast amputerade sidan

## Amp 6 Gait data after amputation

\* mandatory variables

Personal ID\* \_\_\_\_\_

Patient name\*: \_\_\_\_\_

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### Prosthetic information for most recent amputation (1)\*

Amputation side (1): \_\_\_\_\_ Amputation level (1): \_\_\_\_\_

Date of amputation at final level (1): \_\_\_\_\_

Type of prosthesis

Functional prosthesis

Cosmetic prosthesis

Additional prosthesis

(specify or describe)

\_\_\_\_\_

Order of prosthesis

First prosthesis for this amputation

Replacement of prosthesis

Replacement of socket

Date of first fitting: \_\_\_\_\_

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### Prosthetic information for earlier amputation on contra-lateral side (2)

Amputation side (2): \_\_\_\_\_ Amputation level (2): \_\_\_\_\_

Date of amputation at final level (2): \_\_\_\_\_

Type of prosthesis

Functional prosthesis

Cosmetic prosthesis

Additional prosthesis

(specify or describe)

\_\_\_\_\_

Order of prosthesis

First prosthesis for this amputation

Replacement of prosthesis

Replacement of socket

Date of first fitting: \_\_\_\_\_

Date of gait examination \* \_\_\_\_\_

6 months follow up after amputation (<9 months)

12 months follow up after amputation (9 - 18 months)

24 months follow up after amputation (>18 - 30 months)

Later (please indicate time in years): \_\_\_\_\_

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Weight (including prosthesis/-es): \_\_\_\_\_ kg (no decimals)

Height (including shoe wear): \_\_\_\_\_ cm (no decimals)

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### Description 2 min walk test

Individual walks without assistance for 2 minutes and the distance is measured.  
Start timing when the individual is instructed to "Go" and then stop timing at 2 minutes.  
Assistive devices can be used but should be kept consistent and documented from test to  
test.

If physical assistance is required to walk, this test should not be performed.

Text should be performed at fastest speed possible, while still walking safely.

### Set-up and equipment

Ensure the hallway is free of obstacles, clearly mark a known distance. It is preferable if the  
patient can walk a distance of at least 25 meter without having to turn. Use a stopwatch to  
monitor time.

### Patient Instructions

"Cover as much ground as possible over 2 minutes. Walk continuously if possible, but  
do not be concerned if you need to slow down or stop to rest. The goal is to feel at the  
end of the test that more ground could not have been covered in the 2 minutes."

2 minute walk test: \_\_\_\_\_ meter (no decimals)

Assistive device used for this test:

- None
- 1 Crutch/1 Walking stick
- 2 Crutches/2 Walking sticks
- Walker

### Definition of Timed up and go test

Time in seconds from a patient is sitting down then standing up and walking towards a line  
3 meters from the chair, turning around, walking back and sitting down onto the chair. Any  
gait aid, that the patient normally uses during ambulation, may be used.

The chair should be a normal armchair (seat height approx. 46 cm arm height approx. 67 cm).

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Patient should start sitting with the back against the chair and time is stopped when the  
patients buttocks first touch the seat surface.

Timed up and go test: \_\_\_\_\_ seconds

### Temporal parameters

The following temporal parameters should be measured at self-selected, comfortable speed.  
It is recommended that the values are based on an average of at least 30 steps and that the  
patient can walk un-disrupted for as long as possible before turning, during collection of  
data.

If all variables are not available, please register as many as possible.

Walking speed (m/s):	
Cadence (steps/m):	
Left step length (m):	Right step length (m):

Left stance phase (s):	Right stance phase (s):
Left single stance phase (s):	Right single stance phase (s):
Left stride time (s):	Right stride time (s):

Step width (m):
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### Temporal parameter definitions

Cadence: step frequency, i.e. the number of steps that the patient will take in a certain amount  
of time, in this case per minute.

Left step length: Distance (in meter) from the back of the right heel to the back of the left heel  
when the left leg has been moved forward in relation to the right.

Right step length: As above, but opposite

Stride time: The time it takes the patient to walk one gait cycle, i.e. two consecutive steps (e.g.  
from initial contact of one foot until next initial contact of **the same foot**)

Step width: The distance between the heels of the patient, as seen from behind