



## Test of Careturner at Home care Tranbjerg, Aarhus Denmark

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## About the citizen:

Citizen with tetraplegia. Citizen suffers from tracheostomy and has no language.

Before using Careturner, the citizen had to be awoken every second hour during the 20 hours he spent in bed in the course of a day – 2 hours of these were spent in the chair. Due to his disease, the citizen cannot spend more than two hours per day in a chair.

This was a great workload for the personnel, both psychically and in time consumed aiding to the citizen. Turning always required that two persons were present. The citizen was at great risk for developing pressure wounds.

The Careturner has done a great difference for both the personnel and the citizen. The benefits when using Careturner are listed below.

## Benefits when using Careturner from GDV

### Citizen

- Avoids waking up at night = better sleep
- Avoids pressure wounds
- Calm turning/feels safe
- Improved mobilizing of lung function due to more frequent turnings
- Improved position due to the support from the bed

### Personnel

- No manual turning. Earlier, turning every 2nd hour
- Aid when helping with personal hygiene = less strain on the body
- Aid when using a sail = less strain on the body. Easier moving of the citizen sideways in bed, since it is possible to tilt the wings manually
- Fewer pains from back and neck/shoulder
- Significantly less time spent with the citizen, especially in the evenings and during nighttime. The citizen only needs supervision and no turning.
- Easy to operate.
- Fewer personnel; from 2 to 1

## Practical

- Economical savings due to less hours spent aiding the citizen
- Easy to operate. Settings can easily be changed
- Works with the bed's other functions
- Only a regular foam mattress is needed = economical savings compared to using other types of mattresses
- Less strain on personnel
- Focus on fewer hospitalizations in Aarhus

As shown above, the benefits are both economical and personnel related. We believe that the Careturner makes a great difference for the sleep of the citizen, since there is no longer need for waking him up every second hour. The Careturner secures a calm and safe night.

In addition, the Careturner is a great gain for the work environment, since the personnel no longer need to turn the patient manually every second hour.

## Fact sheet for evaluating the use of the Careturner

<b>Question</b>	<b>Ordinary care bed</b>	<b>Careturner bed</b>	<b>Change</b>
<b>How often is the personnel involved when aiding the citizen in turning in bed? (number of times per day)</b>	<b>Approx. 10-12 times</b>	<b>Only when aiding to personal care 2-3 times</b>	
<b>Average time used when aiding the citizen in turning in bed? (number of minutes per day)</b>	<b>120-140 min</b>	<b>20-30 min</b>	
<b>Number of personnel when turning the citizen?</b>	<b>2</b>	<b>0</b>	
<b>Which aiding devices does the citizen use?</b>	<b>4-wayglide and lift + two persons</b>	<b>4-wayglide and lift</b>	
<b>When is the citizen in danger of developing pressure sores?</b>	<b>All the time</b>	<b>When in wheel chair</b>	

Completed by day, evening and night shift with identical results

## Employee satisfaction when using CARETURNER

	<b>Very satisfied</b>	<b>Satisfied</b>	<b>Neutral</b>	<b>Not satisfied</b>
How satisfied are you all in all with Careturner?	X			
Is your experience that the citizen feels safe when using Careturner?	X			
Is your experience that Careturner minimizes physical strain?	X			
- in the neck, sholuder or arms?	X			
- in the loin/back?	X			
Is your experince that Careturner has improved the collaboration with the citizen?	X			
Is your experience that Careturner contributes to a higher quality of life for the citizen?	X			

Completed by day, evening and night shift with identical results