

Prime Big Wheel Electric customer feedback



According to the caregivers feedback from this user survey, Stryker's Prime Big Wheel Electric Stretcher is easy to steer and maneuver with one single operator.

Situation and rationale

Hospital caregivers work in strenuous conditions where physical strains and extreme time pressure are impactful to their everyday work lives.^{1,2} To help alleviate these daily burdens, the Day Surgery department of the Ziekenhuis Nij Smellinghe Hospital in Drachten, Netherlands decided to invest in 13 of Stryker's Prime Big Wheel Electric Stretchers in June 2013. This hospital department was interested in investing in technology designed to assist with reducing physical strains. After three years of working with Stryker's Prime Big Wheel Electric Stretcher, eight caregivers from the hospital's Day Surgery department participated in a 12-question survey by Stryker. By completing the survey, the eight caregivers submitted feedback on equipment handling and satisfaction after having used the stretchers in the hospital on a regular basis.

Results and conclusion

Eight of the caregivers working regularly at the Ziekenhuis Nij Smellinghe Hospital Day Surgery department participated in the questionnaire between August and September 2016. The main part of the questionnaire (seven out of 12 questions) focused on equipment handling with the stretchers. In general, the results indicated that all eight caregivers are satisfied with the handling and utility of Stryker's Prime Big Wheel Electric Stretcher (s. Fig. 1). When asked about the handling of the Prime Big Wheel Electric stretcher with regards to improving efficiency in the caregivers' daily work, all respondents answered affirmatively. Stryker's Prime Big Wheel Electric stretcher can help create efficiencies by reducing the amount of caregivers needed to push the stretcher, and also electronically raising the stretcher faster when compared to manually pumping a hydraulic foot pedal.

When asked about benefits of the Prime Big Wheel Electric Stretcher, all eight caregivers indicated that the light and easy maneuverability and/or drivability is a product advantage. Most caregivers emphasized the benefit of being able to operate the stretcher with only one person.

The final survey question was aimed at gathering feedback regarding the overall satisfaction with the Prime Big Wheel Electric Stretcher. The results conclude that the feedback of the participating eight caregivers is solely positive for Stryker's Prime Big Wheel Electric Stretcher. (s. Fig. 2)

Overall, all respondents support the daily use of Stryker's Prime Big Wheel Electric Stretcher, as this system has the potential to ease the patient transport due to its maneuverability and user-friendliness when operating it alone and in tight spaces. According to the participating caregivers, Stryker's Prime Big Wheel Electric Stretcher may also help reduce physical strains when moving the stretcher unaccompanied. (s. Fig. 3)

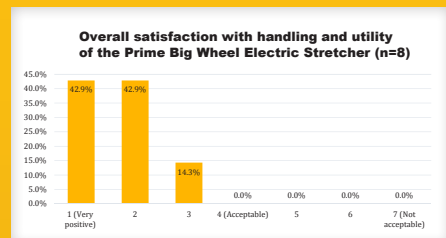


Fig. 1

The above figure represents survey results from eight caregivers describing their overall satisfaction with the handling and utility of Stryker's Prime Big Wheel Electric Stretcher

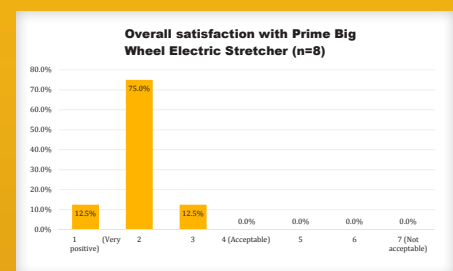


Fig. 2

The above figure represents survey results from eight caregivers describing their overall satisfaction with Stryker's Prime Big Wheel Electric Stretcher

n=8	Very good	Good	Acceptable	Difficult	Very difficult
General ease of use	25%	75%	0%	0%	0%
Maneuverability in tight spaces	37.5%	50%	12.50%	0%	0%
Maneuverability when alone	37.5%	62.5%	0.00%	0%	0%
Stability	Very good	Good	Acceptable	Instable	Insufficient
	37.5%	62.5%	0%	0%	0%
Weight	Too heavy	Bit too heavy	Ideal	Bit too light	Too light
	0%	12.5%	87.5	0%	0%
Physical strains when moving alone	Very low	Low	Acceptable	High	Too high
	0%	87.5%	12.5%	0%	0%

Fig. 3

The above figure represents survey results from eight caregivers describing some attributes and impressions of Stryker's Prime Big Wheel Electric Stretcher

References:

- 1: (2002). Hospitals in a changing Europe. <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.460.320&rep=rep1&type=pdf>. as viewed 24 October, 2016
- 2: (2016). Choi et al. J Nurs Adm. Reports From RNs on Safe Patient Handling and Mobility Programs in Acute Care Hospital Units. <https://www.ncbi.nlm.nih.gov/pubmed/27755210> as viewed 24 October, 2016
- 3: Survey data on file with Stryker. Available upon request.

Acute Care

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