



Satisfaction with sitting posture varies between wheelchair users with different diagnoses



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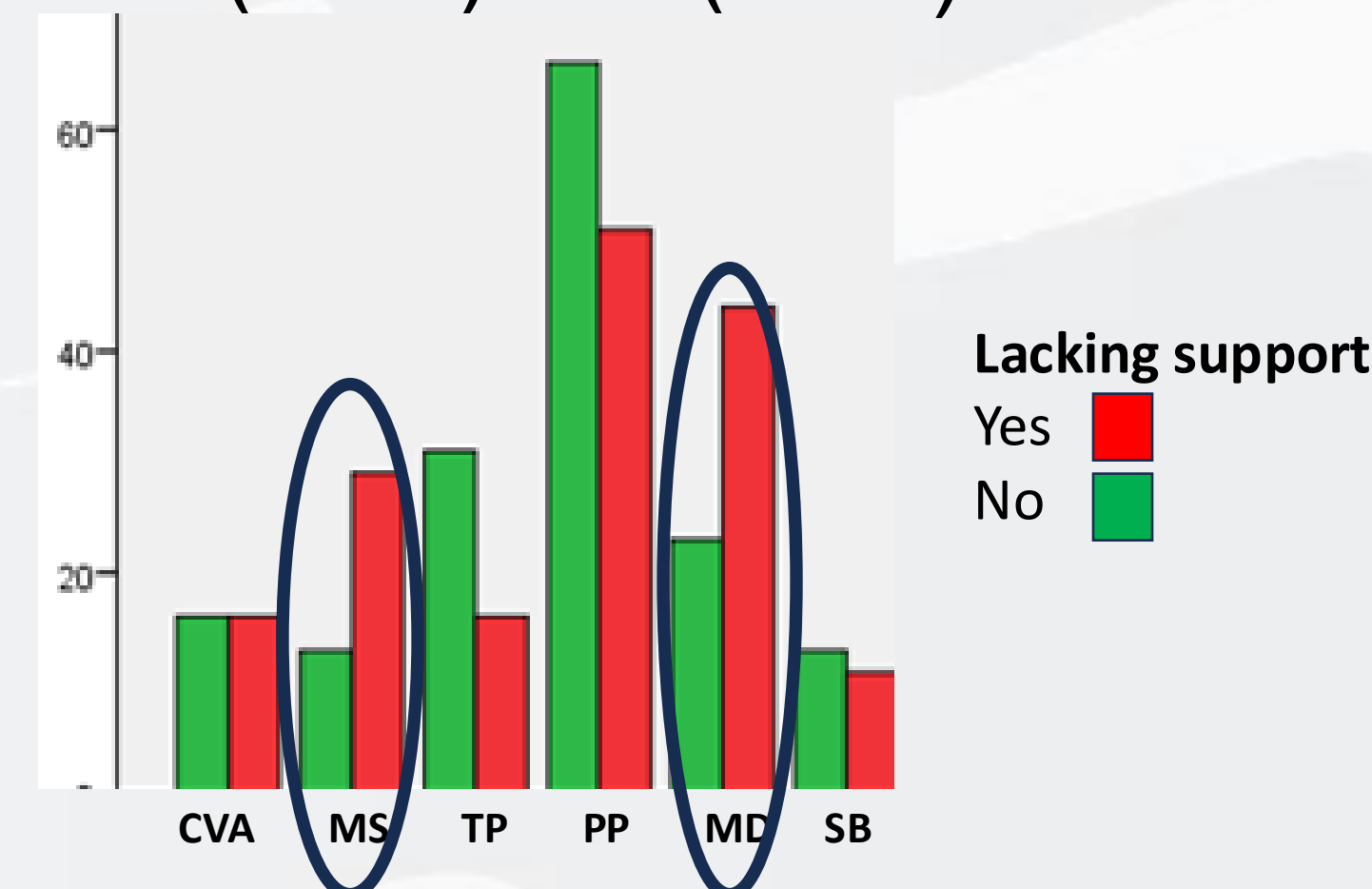
Introduction

With the **Wheelchair Check** screening tool, wheelchair users can check if their wheelchair is well adjusted to their physical and functional needs.



Lacking support e.g. in the (lower) back, at my chest, neck or head, below the buttocks:

PP (43%) TP (34%)
CVA (50%) MS (69%)
MD (66%) SB (46%)
CP (55%) LA (44%)



Objective

To compare satisfaction with sitting posture between wheelchair users with different diagnoses.

Methods

Descriptive analyses of a database of wheelchair users who completed the Dutch version of the screening tool.

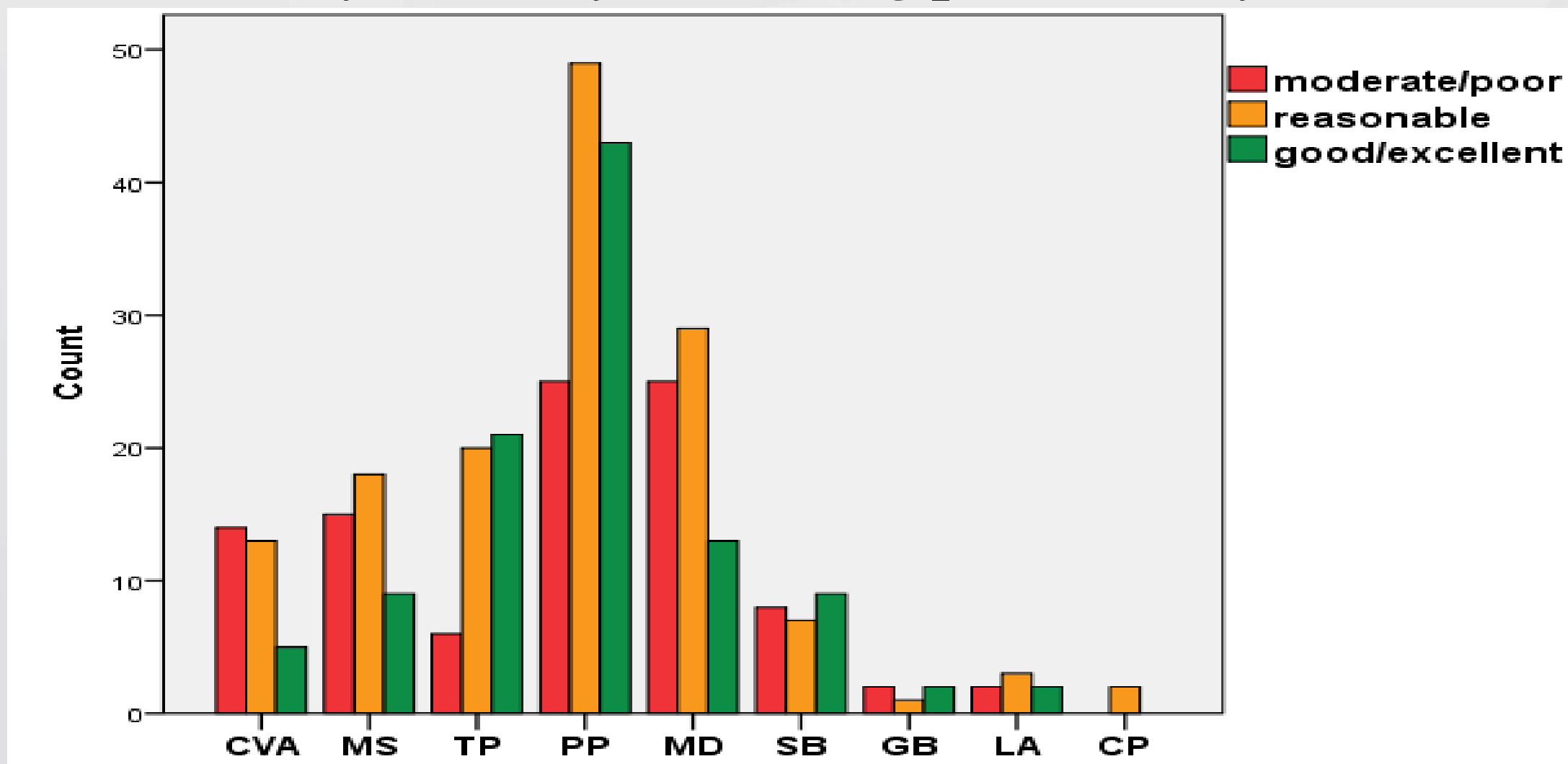
Patients:

Paraplegia (PP); n=118 and Tetraplegia (TP); n=47, Cerebral Vascular Accident (CVA); n=32, Multiple Sclerosis (MS); n=42, Muscular Disease (MD); n=67, Spina Bifida (SB); n=24, Cerebral Palsy (CP); n=22, Leg Amputee (LA); n=27.

Results

Dissatisfied with sitting (% within diagnosis): PP (62%), TP (55%), CVA (84%), MS (79%), MD (81%), SB (63%), CP (64%), LA (70%).

How would you rate your sitting posture in your wheelchair?



Discussion

The proportion of dissatisfied wheelchair users appeared large, especially in CVA, MS and MD. Lacking support of the wheelchair was most prominent in Multiple Sclerosis and Muscular Disease.

Possibly a deterioration in physical functioning is responsible, which causes changing needs (e.g. more support) in the wheelchair.

Clinical Message

A regular check of physical and functional needs is necessary to adapt wheelchairs in time to changing needs;

due to progressive conditions or other factors e.g. growing, ageing

The screeningtool **Wheelchair Check** may be helpful for your clients/patients to gain insight in their own problems.

Let them

