

Introduction of the Basic Manual & Power Wheelchair Categories and Changes to Pressure Redistribution Support Surfaces

Medical Aids Subsidy Scheme

24 February 2022



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Outline

- Basic manual/power wheelchair trial
- New wheelchairs and features on the MASS SOA
- Pressure Redistribution Support Surfaces (PRSS) category
- Upcoming MASS Education



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Basic Manual/Power Wheelchair Trial



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Key considerations

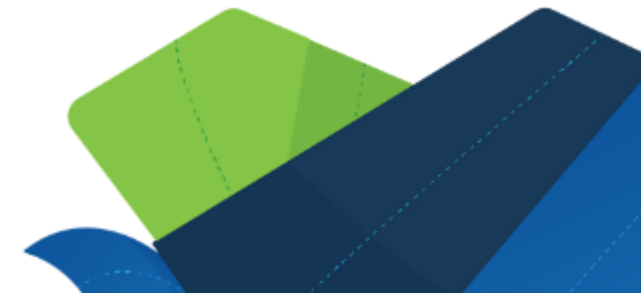
- The most basic mobility item which meets the applicants needs for seating, mobility and functional activities to be requested
- Must be for primary mobility in the home environment
- Limited community access requirements(e.g. medical appointments) OK, but cannot be the only reason for application



Background Basic Manual/Tilt/Power wheelchair Trial



- Changing MASS clientele. Now 65 years & older with e.g.,
 - COPD
 - CCF
 - CKD
 - Severe OA
 - Chronic pain
- Walking, but not walking effectively



Changing MASS clientele

Bob has COPD. He walks independently, but not effectively i.e. is unable to complete his ADLs and iADLs after walking 5-10m. He avoids going outside onto deck or into yard due to dyspnoea and fatigue. On humid or hot days, he rarely walks at all. He lives with wife who is also ageing.



Basic Manual/Tilt/Power WC Trial Needs

- ✗ **Don't** require complex postural support
- ✗ **Don't** require optimum setup for efficient self propulsion
- ? **Likely** be able to transfer in/out of a vehicle seat
- ✓ **Do** require light weight, manoeuvrable, affordable, compact & or foldable frames



Different needs require different wheelchairs



Karma Ergo Lite Deluxe Self Propelled
Lightweight, limited sizes, minimal features



Jazzy Elite HD
High safe weight limit,
but not crash tested



Basic Tilt & MWC Trial categories

- Basic MWC subsidy \$1200
- Basic TIS MWC subsidy \$4000
- Eligibility for basic or non-basic MWC subsidy is based on clinical eligibility
- Updated MASS SOA Weblist
- Wider range of lower cost options
- Wider range of features (e.g., drum brakes, lightweight frames, transit)



Basic PWC Trial

- Eligibility for basic or standard PWC based on clinical eligibility
- Basic PWC subsidy \$5000
- Updated MASS SOA with filters to help you choose the right PWC
- May be less robust (e.g. lifespan, suitability outside home, rugged terrain)
- May be more cost-effective or transportable



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Tilt & Basic Manual Wheelchairs



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Aspire Lite



One size 46x40
Lightweight 9.5kg
SWL 120kg
Overall Width 55cm

Aspire Lite Transit



One size 46x40
Lightweight 11.5kg
SWL 120kg
Attendant brakes

Aspire Socialite



One size 45 x40
lightweight 8.9kg
SWL 115kg

Aspire Metro AP



One size 45x40
Lightweight 10.3kg
Flip up armrests
SWL 100kg

Aspire Metro SP



One size 45x40
Lightweight 11.2kg
Spoked wheels
SWL 100kg

Aspire MetroX SP



One size 45x40
Lightweight 11.8kg
Mag wheels
SWL 100kg

Adult Folding Manual Wheelchairs

Freedom Excel Superlite



2 sizes 46/51 x43
Lightweight 11.8kg
Flip up arms & swing away legs
SWL 110kg

Freedom Excel Superlite Transporter



2 sizes 46/51 x43
Lightweight 11.8kg
12" rear wheels
Attendant brakes

Adult Folding Manual Wheelchairs

Karma Ergo Lite Deluxe Transit (Ergo Lite 2)



2 sizes 40/45 x41
Lightweight 8.8kg
SWL 100kg

Karma Ergo Lite Deluxe Self Propelled (Ergo Lite 2)



2 sizes 40/45 x41
Lightweight 10.3kg
SWL 100kg

– Adult Folding Manual Wheelchairs

Aspire Evoke 2



Adjustable
With drum brakes

Aspire Evoke 2 HD



SWL 180kg
With drum brakes





Adult Folding Manual Wheelchairs

Action 2NG



Multiple seat width/depth options

Action 2NG Transit



Multiple seat width/depth options



Adult Folding Manual Wheelchairs

Breezy Basix 2



Multiple seat width/depth options

Breezy Basix 2 Transit



Multiple seat width/depth options
Drum brakes Std option

ottobock. Adult Folding Manual Wheelchairs

Start M2S



Multiple seat widths/depths
Toolless seat depth adjustment
Highly adjustable

Start M2S with drum brakes



Tilt in Space MWC Options

BREEZY Cirrus G5



BREEZY Relax 2



Tilt in Space MWC Options



[Etac Prio \(User Operated / Transit\)](#)



[Netti 4U CE Plus](#)



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Basic Power Wheelchairs



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Basic PWC – Dismantlable

PRIDE[®]
MOBILITY
LIVE YOUR BEST[®]

Go Chair



SWL 136kg
Heaviest part 16.3kg
Within Subsidy



Basic PWC - Foldable

PRIDE[®]
MOBILITY
LIVE YOUR BEST[™]

Jazzy Passport



SWL 113kg
Heaviest part 24kg
Within subsidy

Basic PWC – Hybrid



BREEZY P100
Q100/200



Hybrid PWC/MWC
SWL 120kg
Heaviest part 18kg
Overall width from 52cm
Within subsidy

Basic PWC - Foldable



KP-25.2



SWL 115kg
Chair weight 33kg
(x2 Batteries 35kg each)



Basic PWC - Compact



QUICKIE
Q100 R



SWL 125kg
Configurable
Overall width from 54cm
Within subsidy



QUICKIE
Q200 R



SWL 136kg
Configurable
Overall width from 58cm
Not within subsidy

Basic PWC



Jazzy Select 6



SWL 136kg
Within subsidy



Basic PWC - Bariatric



Jazzy Elite HD



SWL 204kg
Seat width 51cm
Front wheel drive
Not crash tested or standards tested
*Over the Basic subsidy

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Updates to the standard power wheelchair options



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PWC

PRIDE[®]
MOBILITY
LIVE YOUR BEST[®]



Jazzy Air 2

SWL 136kg
Basic seating
Seat elevation included



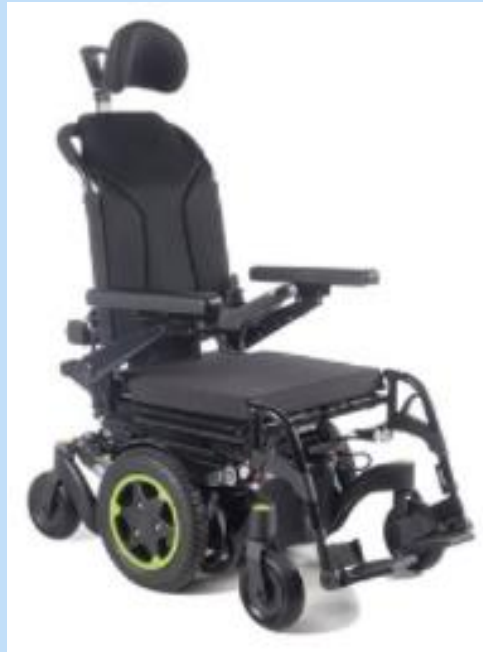
New PWCs in Standard MASS Category



QUICKIE Q300 M Mini



QUICKIE Q400 M SEDEO LITE



QUICKIE Q700 M SEDEO ERGO



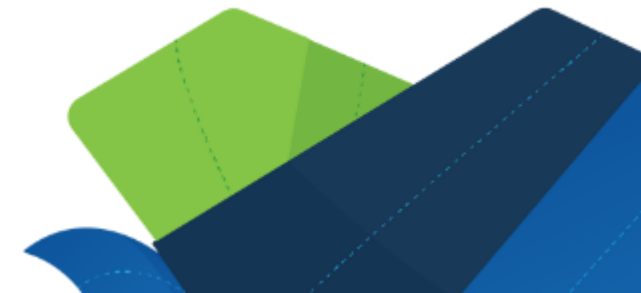
*Let's explore: Navigating the MASS SOA Lists
on the MASS Website.*

[https://www.health.qld.gov.au/mass/
prescribe/mobility/products-suppliers](https://www.health.qld.gov.au/mass/prescribe/mobility/products-suppliers)



Basic Wheelchair Trial Evaluation

- Every prescriber will be sent a link to an online feedback form
- The online feedback form will be brief: 10 – 12 questions
- MASS also welcomes any written or verbal feedback, positive or negative



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Pressure Redistribution Support Surfaces (PRSS)



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Background PRSS Trial



- Cater for sedentary clients with high pressure risk who spend extended periods in a recliner, lounge or static chair
- Non-wheelchair-eligible clients
- Coordinate provision of pressure redistribution support surfaces across:
 - Beds
 - Chairs (including recliners)
 - Wheelchairs



Guideline changes: Broader eligibility

Pressure Redistribution Support Surface Subsidised	Maximum MASS subsidy	May be subsidised when
<p>Pressure redistribution support surface for bed and/or recliner/lounge/static chair – basic</p> <p>This subsidy may be used to provide a support surface for a bed and a recliner/lounge/static chair for applicants who are not wheelchair eligible</p>	\$2500 in total	<p>Applicant experiences one or more of the following:</p> <ul style="list-style-type: none">• At risk of developing a pressure injury as identified through a formal risk screening tool (e.g. Waterlow, Braden etc) and/or is unable to effectively redistribute pressure.• History of pressure injury.• Current Pressure Injury (lying acquired) and determined not IAD (Incontinence Acquired Dermatitis)• Major fixed skeletal deformity and/or motor/ sensory loss with potential for pressure injury development and is unable to perform adequate pressure redistribution by turning, rolling or repositioning in bed.• Confined to bed for prolonged periods of time and is at risk of developing pressure



Guidelines change: Combine total for mattress and cushions for lower risk clients

Pressure Redistribution Support Surface Subsidised	Maximum MASS subsidy	May be subsidised when
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Guideline changes: Where possible, a selected PRC should be useable across chairs/recliners/wheelchairs

- MASS may subsidise a pressure redistribution wheelchair cushion for wheelchair eligible applicants (see below category). Applicant is not eligible for a 2nd cushion for a recliner/lounge/static chair under this category. It is expected that the selected wheelchair cushion can be positioned on the recliner/lounge/static chair if required, and trial and selection should take this into account. In extenuating circumstances, please contact the MASS Clinical Advisor to discuss the applicant's specific circumstance.

Consideration: Put together a clinically relevant package of PRSSs, e.g.

Scenario 1



Curocell SAM 850 Air
Mattress Overlay



Skil Care Econo-
Gel Cushion

Scenario 2



Forte Icon Plus
Mattress



Invacare Matrix Libra

Consider: You don't need to spend the full budget.. Consider basic options first.

- Systematic review of support surface for treating pressure injury

“There was no statistically significant effect on pressure injury size with low air loss devices compared with foam alternatives.”¹

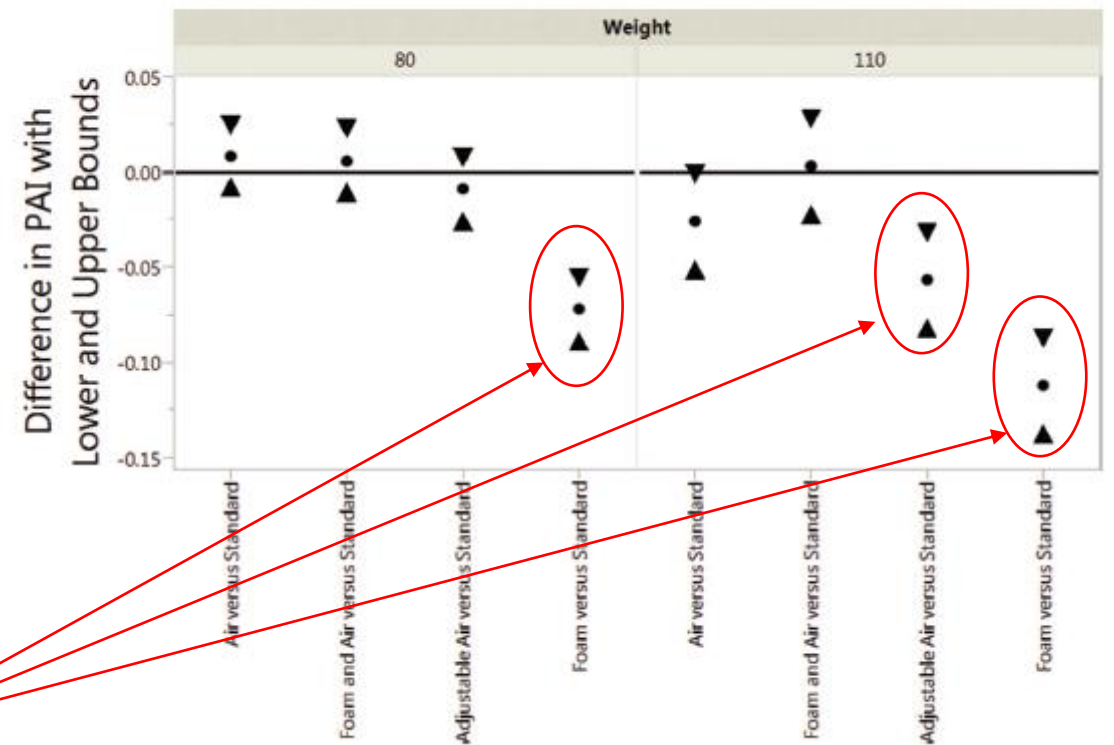


Consideration: Do you need a PRC for a recliner? Poor PRC prescription can be worse than a standard hospital recliner

- Pressure interface mapping study
- 34 healthy adults aged 23 to 60yo
- Outcomes: Maximum pressure & pressure area index

Foam and ROHO made max pressures higher

Foam and ROHO made immersion worse



Seating Matters: Common mistakes made when using pressure cushions

Case study - PRSS

- Enid is a 97-year-old lady
- She is become increasingly frail
- Mobility is becoming more difficult
- Vision is deteriorating
- Son and daughter-in-law (co-resident) are carers
- Sits in recliner, at craft desk, dining table, and in basic wheelchair for outings
- Grade I pressure area developed on coccyx during last hospitalisation for pneumonia



Case study - PRSS

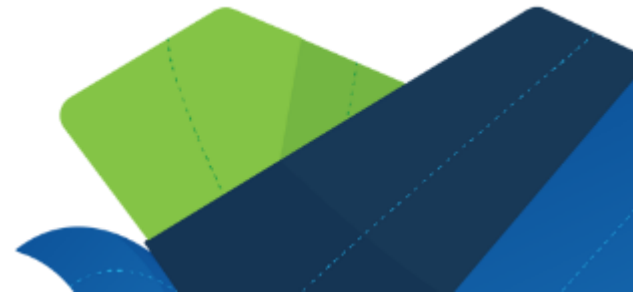
- Recent weight loss with pneumonia
- Poor appetite
- Some urinary incontinence
- Waterlow: 19 (high risk)
- Spending more time in bed since returning home

WATERLOW PRESSURE ULCER PREVENTION/TREATMENT POLICY
RING SCORES IN TABLE, ADD TOTAL. MORE THAN 1 SCORE/CATEGORY CAN BE USED

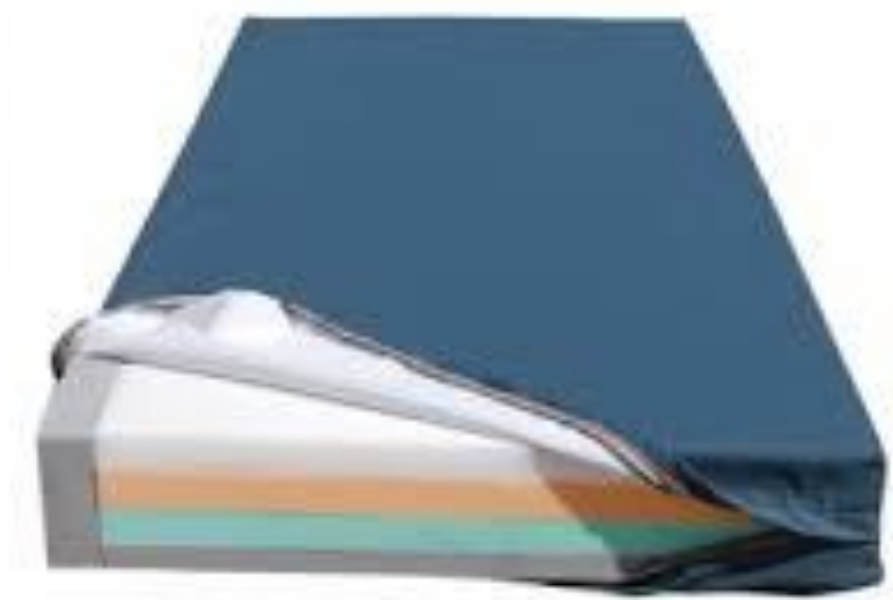
BUILD/WEIGHT FOR HEIGHT	SKIN TYPE VISUAL RISK AREAS	SEX AGE	MALNUTRITION SCREENING TOOL (MST) (Nutrition Vol.15, No.6 1999 - Australia)	
AVERAGE BMI = 20-24.9	HEALTHY	0 MALE	1	A - HAS PATIENT LOST WEIGHT RECENTLY
ABOVE AVERAGE BMI = 25-29.9	TISSUE PAPER	1 FEMALE	2	YES - GO TO B
OBESE BMI > 30	DRY	1 14 - 49	1	NO - GO TO C
BELOW AVERAGE BMI < 20	OEDEMATOUS	1 50 - 64	2	UNSURE - GO TO C AND SCORE 2
BMI = Wt(Kg)/Ht (m) ²	CLAMMY, PYREXIA	1 65 - 74	3	B - WEIGHT LOSS SCORE
	DISCOLOURED GRADE 1	2 75 - 80	4	0.5 - 5kg = 1
	BROKEN/SPOTS GRADE 2-4	3 81 +	5	5 - 10kg = 2
				10 - 15kg = 3
				> 15kg = 4
				unsure = 2
				C - PATIENT EATING POORLY OR LACK OF APPETITE
				'NO' = 0; 'YES' SCORE = 1
				NUTRITION SCORE
				If > 2 refer for nutrition assessment / intervention
CONTINENCE	MOBILITY	SPECIAL RISKS		
COMPLETE/CATHETERISED	FULLY RESTLESS/FIDGETY	TISSUE MALNUTRITION	NEUROLOGICAL DEFICIT	
URINE INCONT.	1	8	DIABETES, MS, CVA	4-6
FAECAL INCONT.	2	8	MOTOR/SENSORY PARAPLEGIA (MAX OF 6)	4-6
URINARY + FAECAL INCONTINENCE	3	5	MAJOR SURGERY or TRAUMA	
	4	5	ORTHOPAEDIC/SPINAL	5
	5	2	ON TABLE > 2 HR#	5
		1	ON TABLE > 6 HR#	8
			MEDICATION - CYTOTOXICS, LONG TERM/HIGH DOSE STEROIDS, ANTI-INFLAMMATORY	MAX OF 4
# Scores can be discounted after 48 hours provided patient is recovering normally				
© J Waterlow 1985 Revised 2005* * Obtainable from the Nook, Stoke Road, Henlade TAUNTON TA3 5LX * The 2005 revision incorporates the research undertaken by Queensland Health. www.judy-waterlow.co.uk				

Case study - PRSS

- Given her low body weight she is unlikely to tolerate off-loading (e.g., alternating air PRM, hybrid foam/gel PRC)
- Immersion options are useful, but we don't want to reduce mobility further



Case study - PRSS



- Mattress trial: Lifecomfort pressure reducing mattress
 - Immersive multi-layer foam
 - Firm sides to assist in transfers
- Trialled for a 5 nights as per guideline (minimum 3 nights)
- Existing pressure area observed to improve. Good comfort reported.

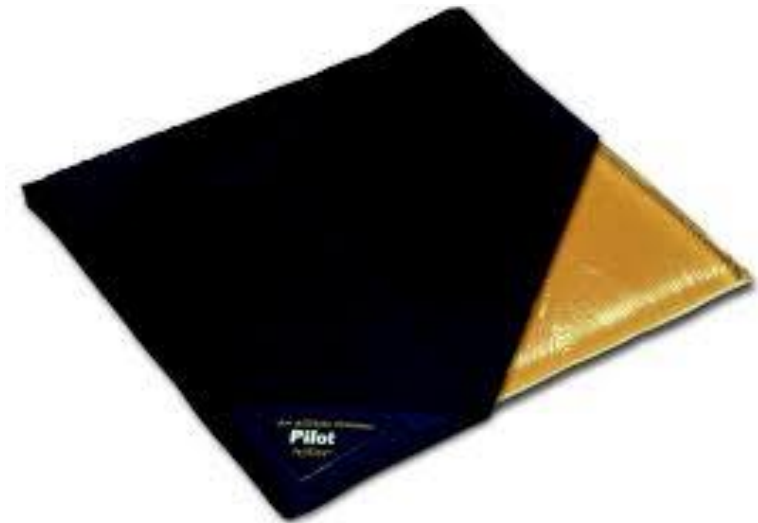


Case study - PRSS

- PRC must be useable across recliner, basic wheelchair, craft chair and dining chair
- Must be wipeable due to occasional incontinence
- Two PRCs trialled:
 - Aidapt wheelchair cushion (2-layer foam, vinyl cover) 40cm x 40cm
 - Action pilot gel cushion 16" x 16"
- Action pilot gel cushion successful



Aidapt wheelchair cushion



Action pilot gel cushion

Case study - PRSS

- Gather quotes for:
 - Lifecomfort pressure reducing mattress
 - Action pilot gel cushion 16" x 16"
- Check whether under \$2,500 combined subsidy level (or copayment required)
- Complete MASS eApply



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PRSS Trial Survey Outcomes



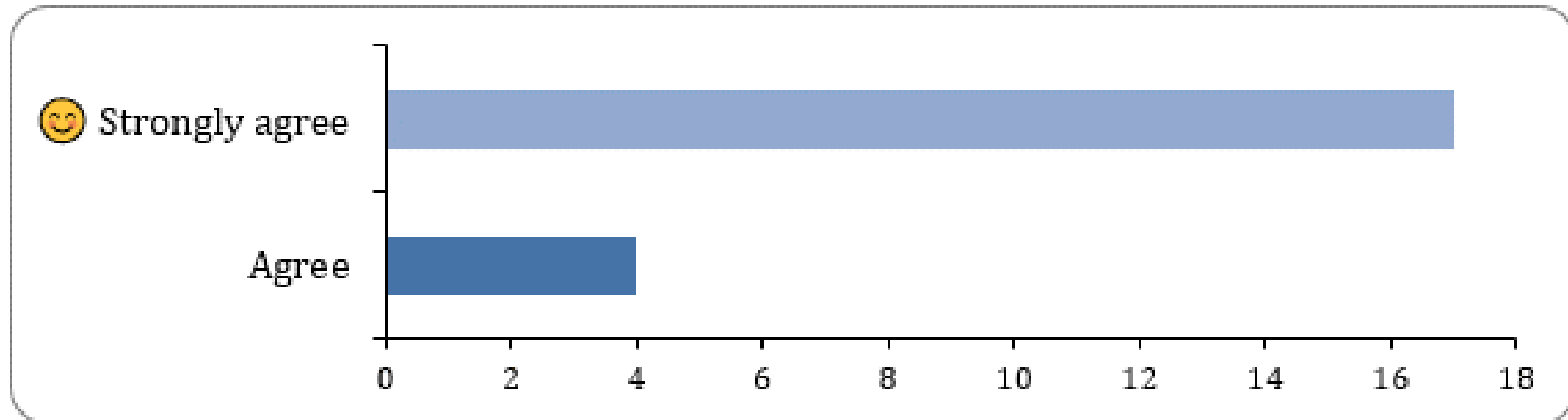
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Online Prescriber Feedback Summary – PRSS Trial (20 October 2021 – 31 November 2021)

8: The availability of a support surface for the recliner/lounge chair improved the assistance/options I was able to provide to my client.

Improved assistance/options

There were 21 responses to this part of the question.

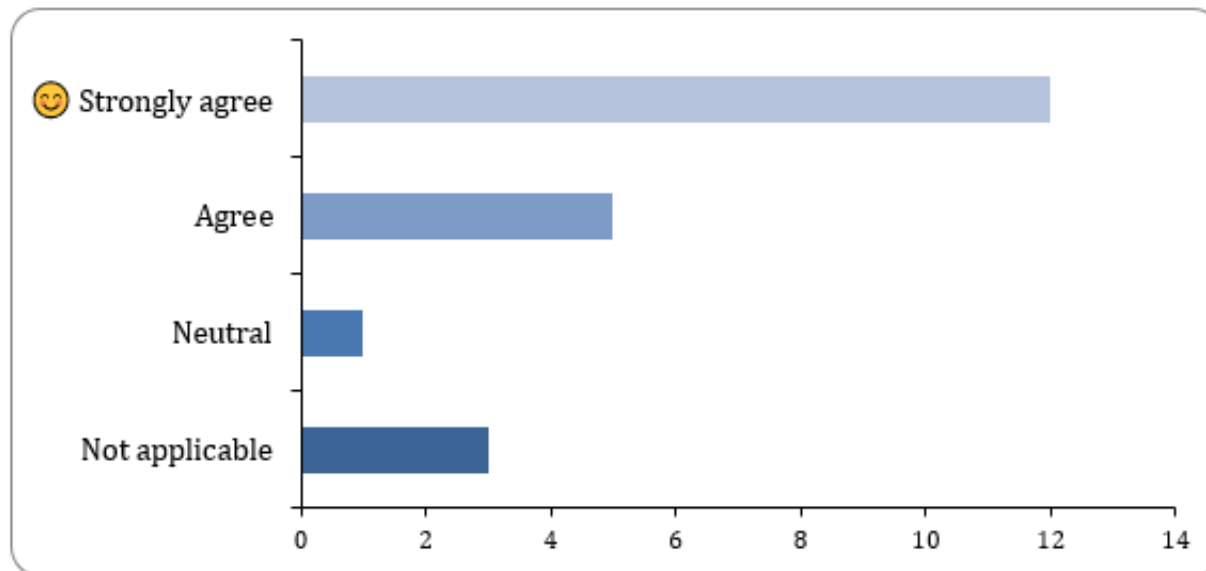


Online Prescriber Feedback Summary – PRSS Trial (20 October 2021 – 31 November 2021)

9: The availability of a support surface for the recliner/lounge chair helped to heal my client's existing pressure injury as part of a suite of measures.

Managed pressure injury

There were 21 responses to this part of the question.

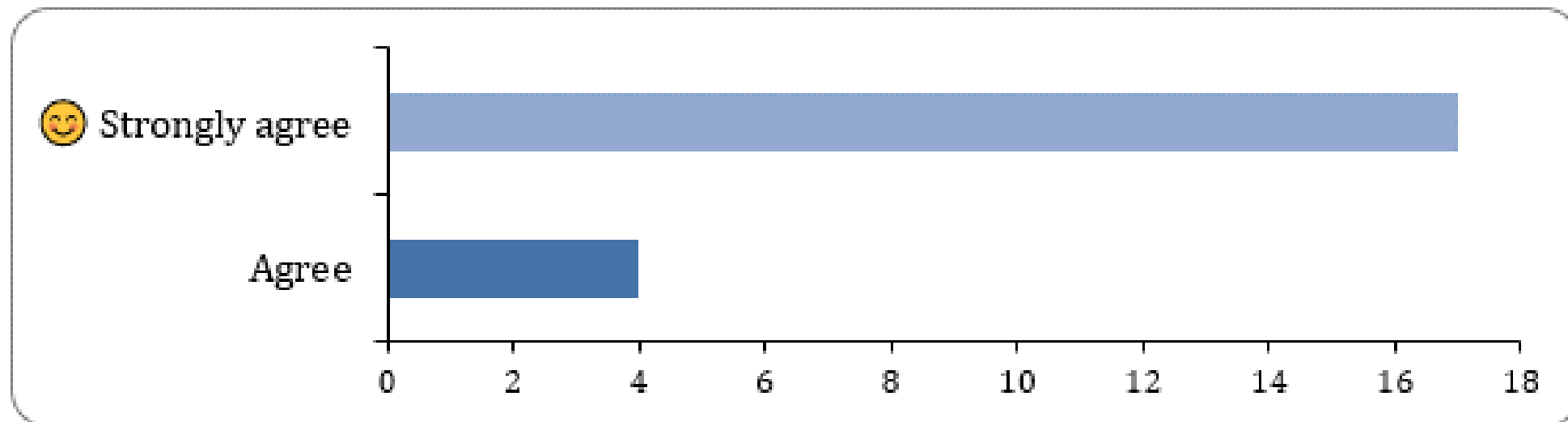


Online Prescriber Feedback Summary – PRSS Trial (20 October 2021 – 31 November 2021)

10: My clinical impression is that the availability of a support surface for the recliner/lounge chair assisted my client to avoid development of a pressure injury.

Managed pressure injury risk

There were 21 responses to this part of the question.



Online Prescriber Feedback Summary – PRSS Trial (20 October 2021 – 31 November 2021)

Comments: eApply was difficult to navigate

“Clarify eApply process for PRSS for cushions - cushions on eApply only show up under the category of mobility aids, however it's not for a mobility aid in this circumstance. Could update eApply if this is ongoing, or add instructions on the PRSS guideline for how to navigate eApply for PRSS?”

“Include a specific option on eApply for PRSS application.”

“Within the MASS e-apply website have another drop down option for the cushion in the equipment selection separate to the other options as the programming in the website makes it a bit clunky – would make it easier to negotiate. Increase options of cushions to the program”



What we did in response to feedback

- Made PRSS category permanent – provided increased options in mattress subsidy to include support surfaces for static chairs e.g. recliners, lounge chairs
- Made changes to MASS eApply





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MASS Education



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Upcoming MASS CPD

DATE	TOPIC
2 Mar 2022	<u>TeleAT</u>
26 April	<u>Meet the new TD Pilot - a speech generating iPad controlled with your eyes</u>
26 May 2022	<u>Update on MASS Palliative Care Equipment Program and Developments in Palliative Care</u>
8 Jun 2022	<u>MASS eApply in a nutshell</u>
New, flexible	<u>Remote hands-on learning (PRCs)</u>
Coming soon	Further information on how to use MASS-eApply for PRSS

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