

National roll-out: The Goal-directed Medication review Electronic Decision Support System (G-MEDSS) © in practice

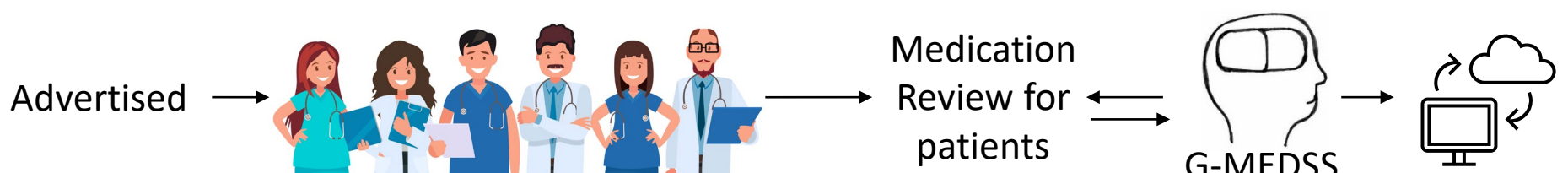
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INTRODUCTION

- The Goal-directed Medication review Electronic Decision Support System (G-MEDSS) © provides guidance for healthcare practitioners conducting medication reviews, to tailor care to meet their patients' goals and preferences.
- G-MEDSS consists of The Goals of Care Management Tool (GCMT), The Drug Burden Index (DBI) Calculator ©, and the revised Patients' Attitudes Towards Deprescribing (rPATD) questionnaire.
- This study aimed to describe the a) users of G-MEDSS, b) clinical settings where G-MEDSS was used; and c) patients for whom G-MEDSS was used, during a national implementation study

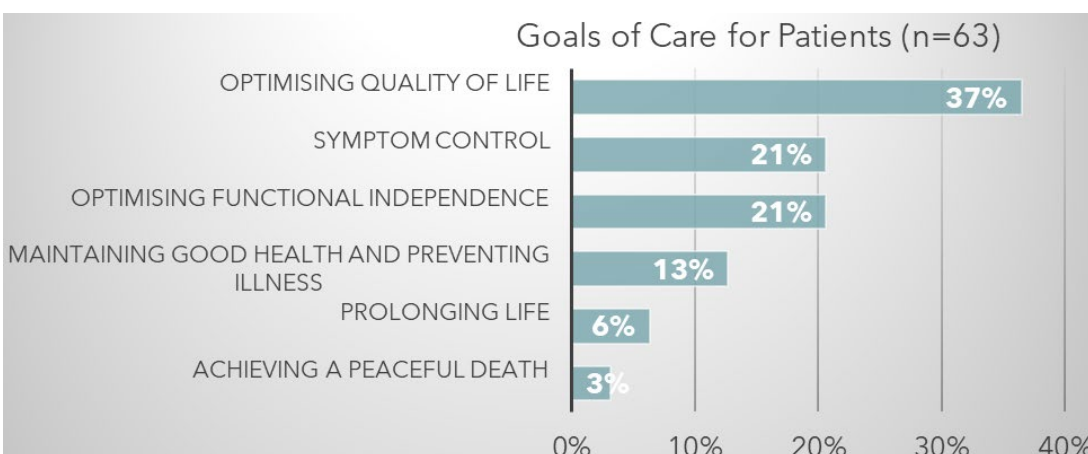
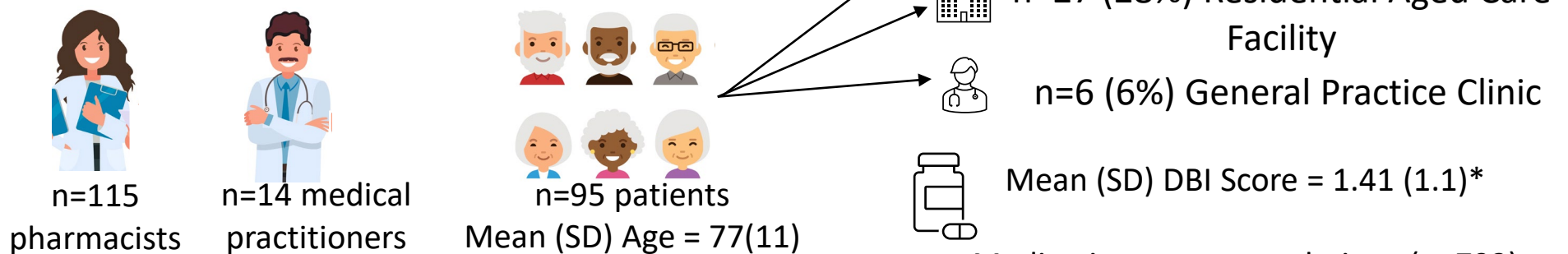
METHODS



The study was advertised to medical practitioners, pharmacists and nurses across Australia. Clinicians were able to use G-MEDSS within their patient settings and de-identified data was collected about the users and their patients.

RESULTS

Data Collection Period: 1st May 2020 – 31st May 2021



Medication recommendations (n=793) made by clinicians

- 181 (23%) to deprescribe
- 190 (24%) to continue
- 9 (1%) to increase
- 413 (52%) no change

"If my doctor said it was possible, I would be willing to stop one or more of my regular medicines" = 83%[^]

*DBI scores ≥ 1 mean patients are at high risk of developing poor outcomes due to their high anticholinergic and sedative medication burden. [^] rPATD global question.

CONCLUSION

G-MEDSS is being used within clinical practice primarily by pharmacists to support medication review in the home. Further studies will determine the barriers and enablers to wider use.