

Follow the MAP

Are Medication Action Plans utilised appropriately?

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Background

- A Medication Action Plan (MAP) is an evidence based multidisciplinary communication tool completed on admission
- MAPs facilitate the best possible medication history, with documentation of clinical recommendations and interventions to be actioned by the treating medical officer or pharmacist
- MAPs increase patient engagement, provide a personalised therapy plan, increase accuracy of information, and promote collaborative care improving medication safety
- Anecdotal evidence indicates that actioning of pharmacists' recommendations may not be optimal or timely

Aim

- To evaluate response to pharmacists' recommendations documented on the MAP

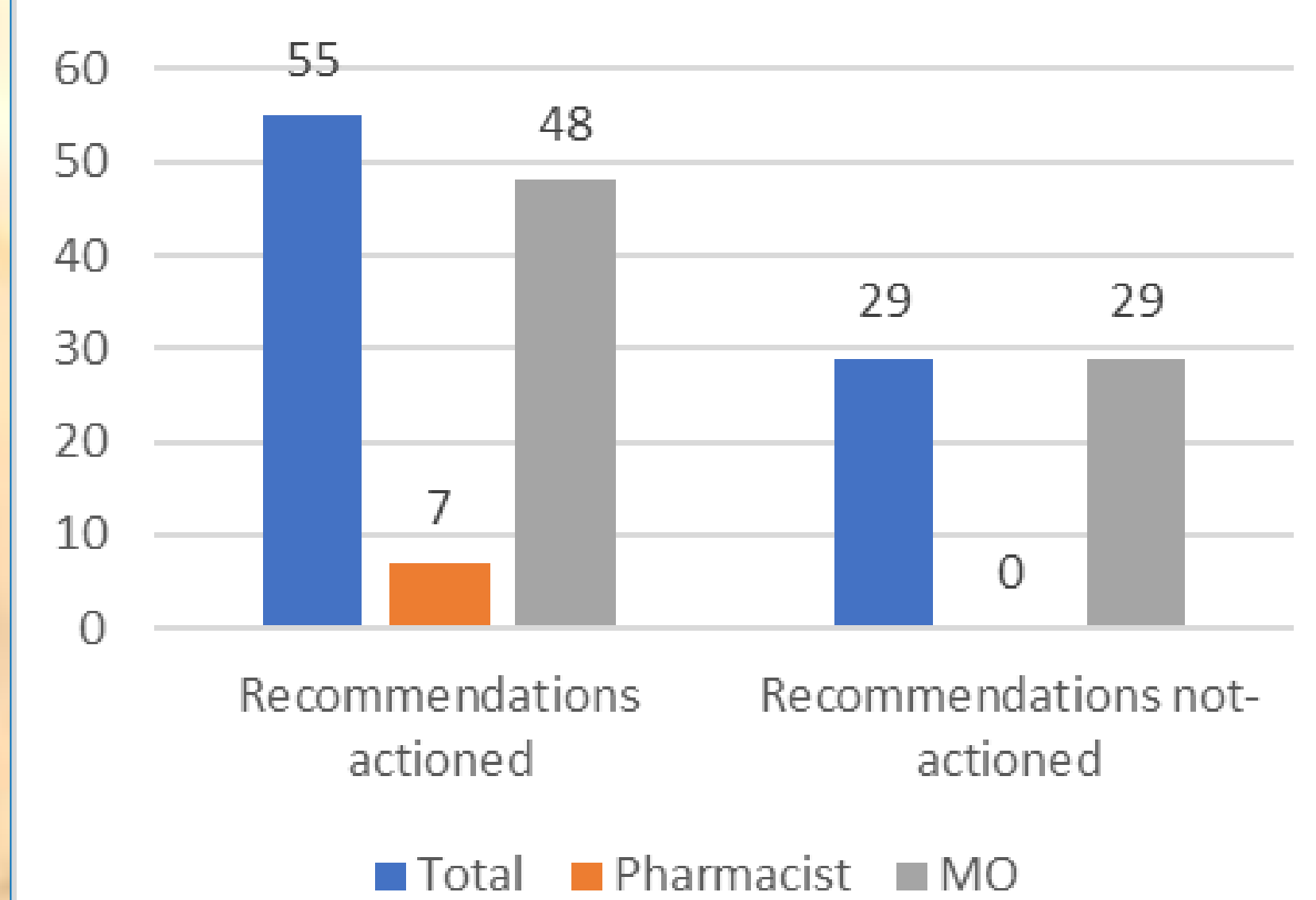
Method

- A retrospective observational study
- Conducted in the regional hospital medical wards over 13 working days
- Data was collected using Excel and analysed using descriptive statistics

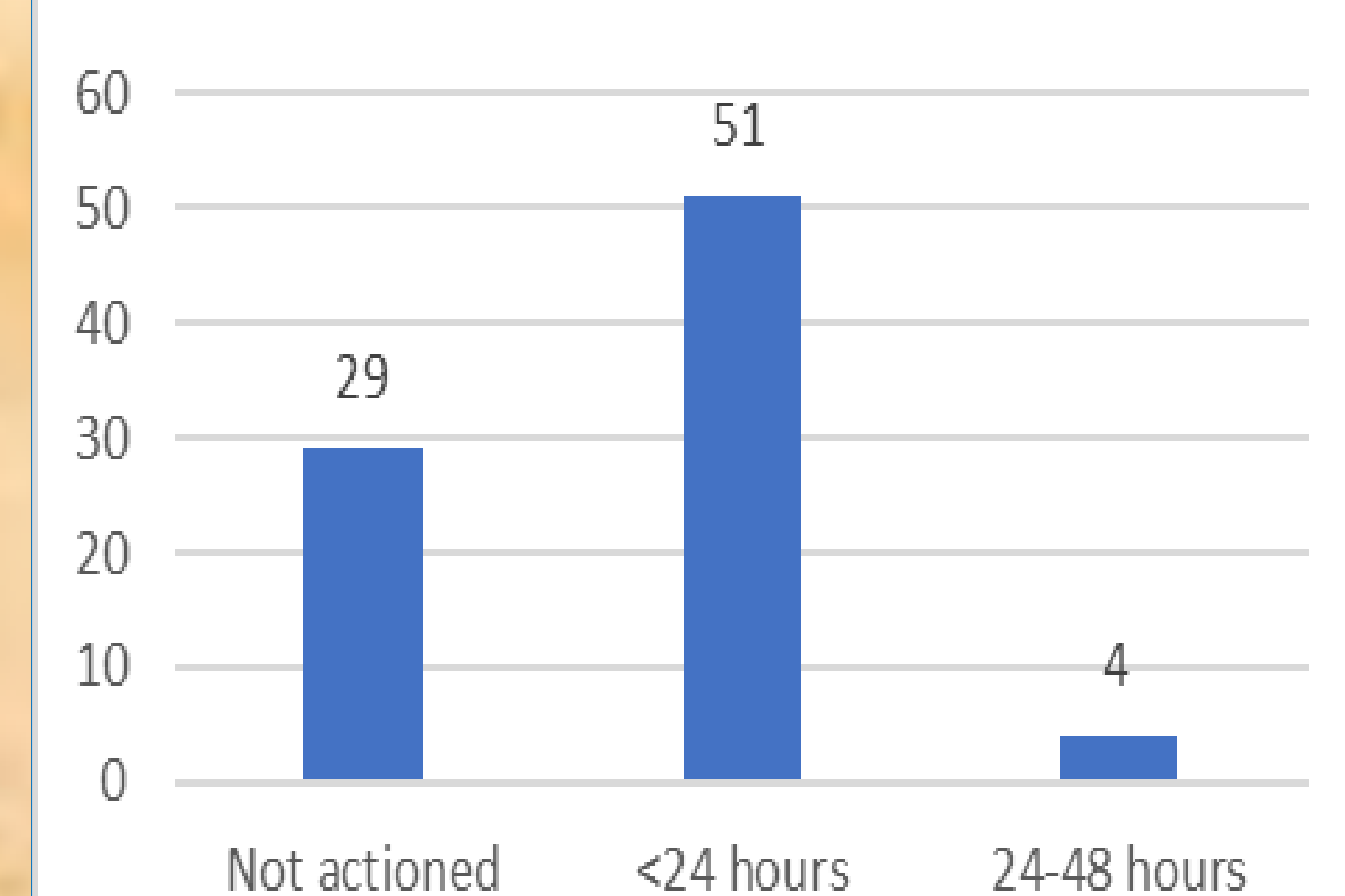
Results

- A total of 35 MAPs were included
- A total of 84 pharmacists' recommendations (*Figure 1 & 2*)
 - 55 (65.5%) actioned (51 within 24 hours and 4 within 24-48 hours)
 - 29 (34.5%) not actioned
- Medical officers' action was required for 77 (91.7%) of pharmacists' recommendations (*Figure 1*)
 - 48 (62.3%) actioned
 - 29 (37.7%) not actioned
- Pharmacists' action was required and completed for 7 interventions
- The non-completed actions
 - Included omissions (4), interactions (2), discrepancies (7), wrong dose (5), inappropriate initiation (4), further monitoring needed (6)
 - Two included APINCH medications

[Figure 1]: Recommendations actioned vs non-actioned in comparison between pharmacists and medical officers (MO)



[Figure 2]: Time taken for resolved recommendations to be actioned



Discussion

- A significant proportion of required recommendations are not actioned by medical officers in a timely manner
- Improvements are required to optimise multi-disciplinary engagement and collaboration

Over **1/3** of recommendations were not actioned prior to discharge