

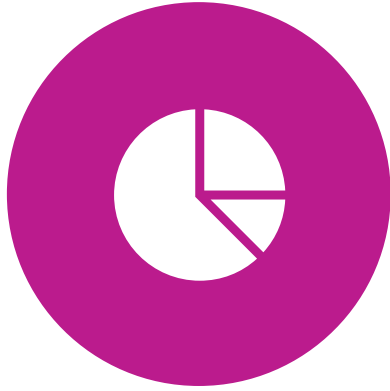
# Managing medicines safety using digital tools in rural/remote settings

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# Challenges



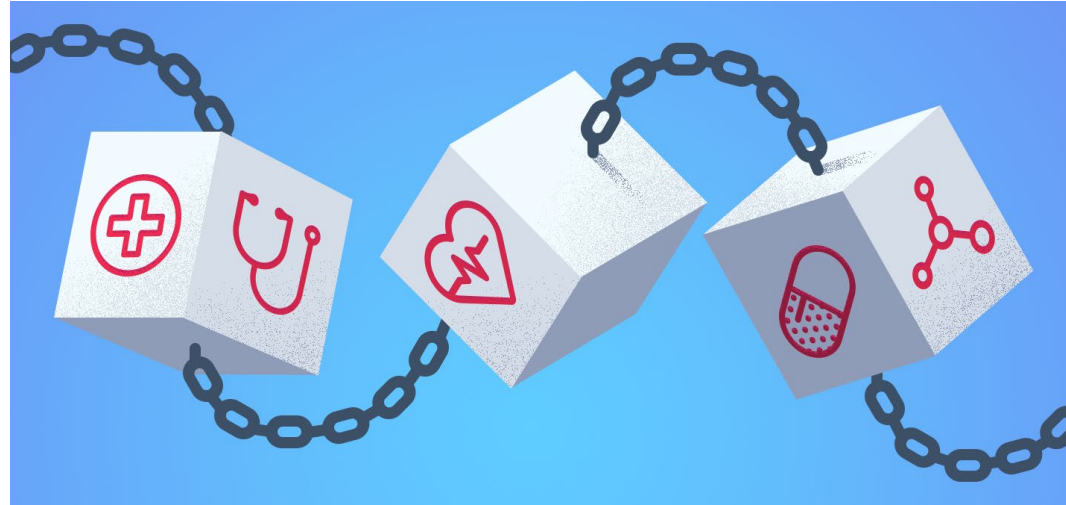
SYSTEM SEGMENTATION



FIT FOR PURPOSE  
TOOLS, THAT SCALE



REDUCING HUMAN  
EFFORT



**Irrespective of interoperability, we  
will never be integrated.**

# The Burden of Safety - Medicines Reconciliation and Review Scenario

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- 1** In SA, Hospital Pharmacy staff undertake more than 70,000 medication histories for hospitalised South Australians per year.
- 2** Little to no tools to support the identification of a need to undertake a medication reconciliation and/or to review a patient during admission
- 3** Many of the tasks and processes to identify data sources, reconcile medicines and identify valuable improvements to care are repetitive and time consuming
- 4** We repeat this process in every encounter and every transition of care. There is little efficiency gain for frequent flyers.





Dashboard

Team info



Dani D.



## Dashboard

..... Use Quick Search to filter your patient dashboard

Search

[See my saved searches](#)

Help improve prioritisation ✕




Please take a moment to give feedback on the prioritisation of patients

Priority	Name, age + UR	Location	Admitting Dr	Tags	Renal function	No. meds	High risk meds.	Reason for admission	D/C date	CARE PROGRESS				
										History	Reviews	D/C		
<span>↑</span> <span>🔍</span> <span>🔴 Today</span> <span>🔴 Complex</span>	Hanna Baptista 71yrs, 823111	Surgical North ward, 5A	Dr Seuss	MHR INFO MISS.	eGFR 45 Creat. 262mL	10	<ul style="list-style-type: none"> <li>Warfarin</li> <li>Lorazepam</li> </ul>	Admitted through ED for trouble breathing. Diagnosed with Pneumonia	5 May 24	⋮	⋮	⋮	✓	
<span>🔍</span> <span>🔴 Today</span> <span>🟡 Medium</span>	Linda Saris 23yrs, 856444	Surgical North ward, 5A	Dr Seuss	PREGNANT CONSULT REQ	eGFR 45 Creat. 262mL	4	-	Admitted with severe hypertension	-	✓	3	⋮	✓	
<span>↑</span> <span>🔍</span> <span>🔴 Today</span> <span>🟡 Medium</span>	Marcus Dias 67yrs, 888888	Surgical North ward, 5A	Dr Seuss	Dx CHANGE	eGFR 45 Creat. 262mL	6	<ul style="list-style-type: none"> <li>Clozapine</li> </ul>	Elective surgery - Hip replacement	2 May 24	⊗	⋮	⋮	+	
<span>🔍</span> <span>🔴 Today</span> <span>🟢 Simple</span>	Makenna Donin 36yrs, 870012	Surgical North ward, 5A	Dr Seuss	BRFEEDING RECENT D/C	eGFR 45 Creat. 262mL	3	-	Admitted for D&C	-	✓	3	⊗	⋮	✓
<span>🔍</span> <span>🔴 Today</span> <span>🟢 Simple</span>	Alfredo Lubin 71yrs, 823111	Surgical North ward, 5A	Dr Seuss	MHR LOCKED	eGFR 45 Creat. 262mL	4	<ul style="list-style-type: none"> <li>Warfarin</li> <li>Lorazepam</li> <li>Albuterol</li> </ul>	Reason for admission goes here	5 May 24	✓	✓	✓	⋮	✓
<span>🔍</span> <span>🟡 2 days</span> <span>🔴 Complex</span>	Abram Saris 67yrs, 856444	Surgical North ward, 5A	Dr Seuss	CONSULT REQ	eGFR 45 Creat. 262mL	6	<ul style="list-style-type: none"> <li>List of high risk</li> <li>Highlighted by user</li> </ul>	Reason for admission goes here	2 May 24	⋮	⋮	⋮	⋮	+

# Process Redesign




**AUTOMEDIC**  
A CAREMAPPR PRODUCT


Dashboard    Team info    🔍    3    Dani D.     ☰

**Hanna Baptista**  
(850001)

MHR INFO MISS. +3

Location: West ward, 5A    Admitting Dr.: D. Seuss    Team: *Surgical team*  
 Gender: Female    Unit: Surgical    Assign: *Dani D.*  
 DoB: 2 May 92    Allergies: Latex, peanuts

Unassign            

Open ▾    Print 

**Timeline**    ⏪ ⏩ ⏴ ⏵    Flip timeline ↔    Zoom in 🔍    **MONTH VIEW**

Dec    Jan    Feb    Mar    Apr    May    Jun    Jul    Aug

**Medications**    ⓘ    ⓘ

⌵ **Scheduled: 7**

- Sertraline 50 mg tablet, 30  
1 tablet in the morning
- Apixaban 5 mg  
twice daily
- Amoxicillin 875mg + clavulanic acid 125mg tablet, 10  
1 tablet TWICE a day
- Macrogol-3350 with electrolytes oral powder  
1 sachet oral, every night
- Perindopril arginine 10 mg tablet, 30  
once daily
- Zinc 30 mg tablet, 120  
1 tablet every night
- Furosemide 40mg tablet, 100  
once daily

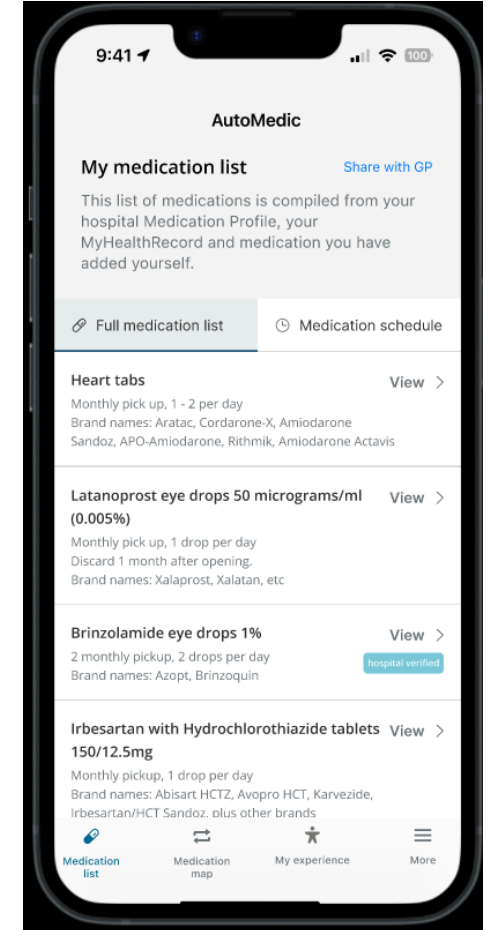
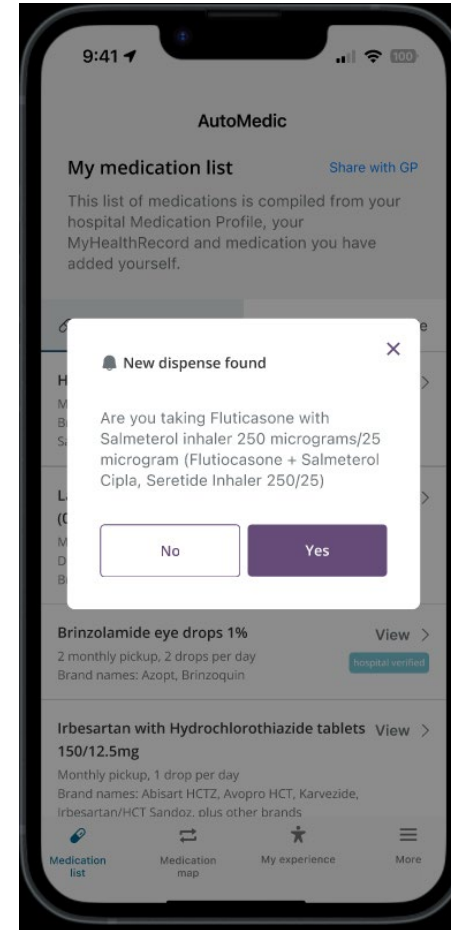
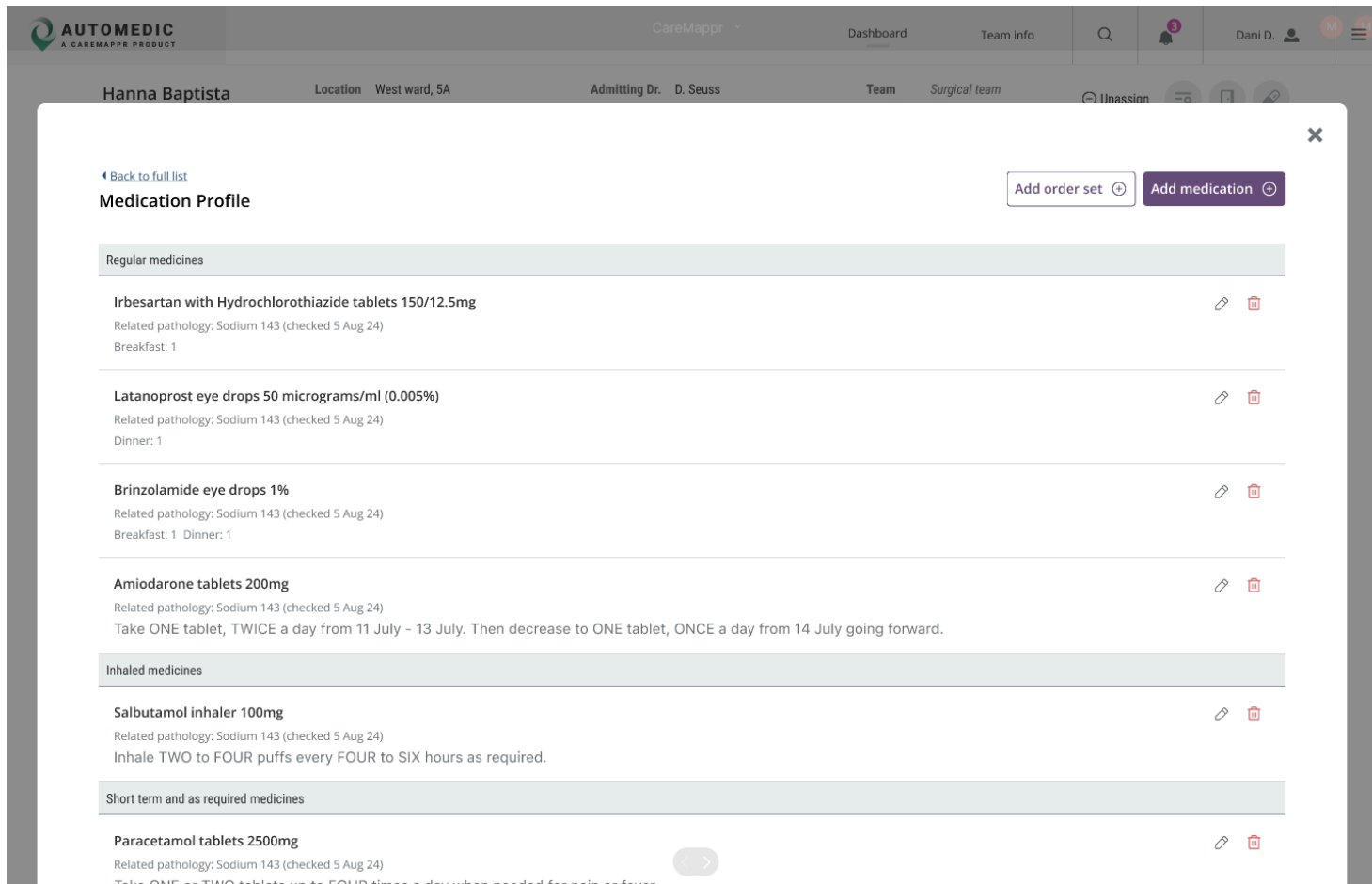
⌵ **PRN: 1**

- Ibuprofen 400mg oral 3 times a day PRN for pain  
3 times a day PRN for pain

⌵ **Pathology: 2**

- HB1Ac
- Calcium

+ Tasks 4



# Consumer Facing (and Driven)

# New Future

## Tools that scale

- Expertise across geography and experience
- Records system agnostic (GP, Hospital, National)

## Tools that fit

- Designed by clinicians, for the real world
- Supporting workflows, not interrupting them

## Patient engagement

- Truly patient-centred and adaptive technology
- New and emerging trends in social prescribing





# Contact

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