

REPORT

# INTEROPen Hackathon/ MedsHack21





**At the March INTEROPen hackathon, the Better Meds team won second place. The Better Meds solution integrated with Somerset's SDeR shared record, which stores all patient medication data for the region, and the data was shared with the Better Meds Team. All patient data were then displayed at the point of creating an admission list.**

Additionally, they managed to integrate the solution with Dosium and enable indication-based prescribing. This allows for:

- ✓ Searching for medication, selecting one that has **BNF** support, choosing an indication after that, and then selecting the exact prescription for it.
- ✓ Searching for an indication and selecting the proposed prescription for it.

They also did Electronic Prescription Service (EPS) integration, with all steps included.

## User case

A patient comes to the hospital, and all previously prescribed medications are displayed at the point of creating the admission list (from the GP and any other available sources). The Better Meds user proceeds to inpatient prescribing. In this step, indication-based prescribing becomes available to the user. In the final step of the process, the patient comes to a check-up, and the Better Meds user creates electronic outpatient prescriptions which are automatically sent to the EPS.

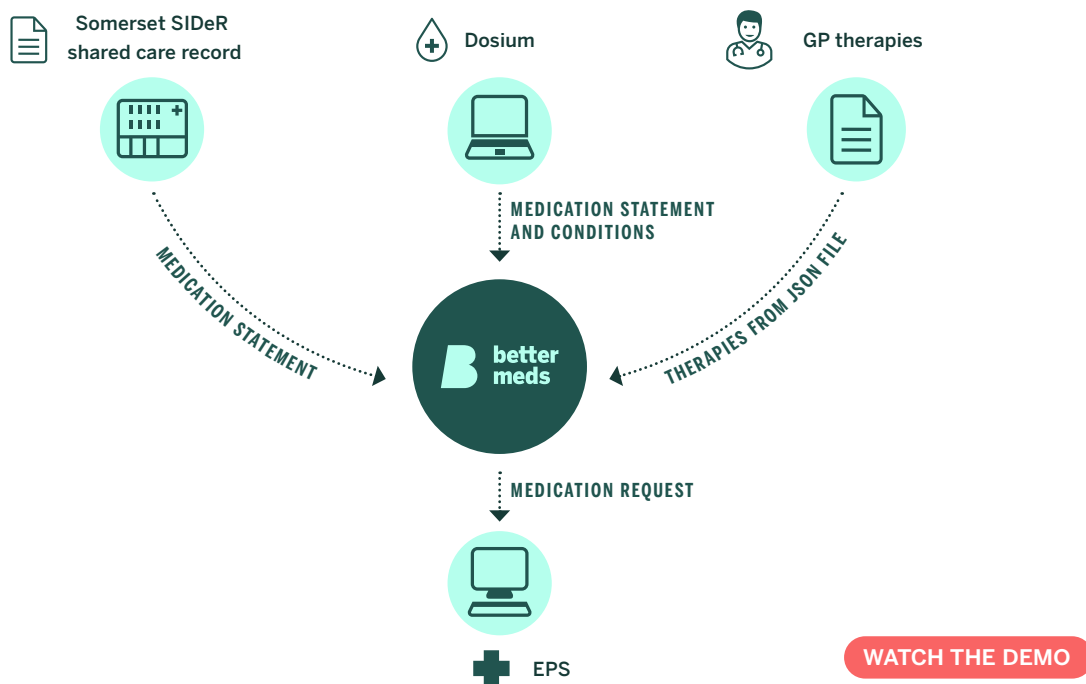
## Vendors / Care Settings

The solution was integrated with:

- ✓ Somerset SDeR shared record (Somerset NHS Trust)
- ✓ Dosium
- ✓ The EPS

## Benefits

- ✓ Access to a patient's medication history at the point of admission, which means better data capture.
- ✓ Additional support for prescribers while prescribing medications, and now also introducing indication-based prescribing.
- ✓ No further need for a paper prescription in the outpatient environment.



## About INTEROPen

INTEROPen is an action group connecting health and social care co-creators with the purpose of encouraging and accelerating the development and usage of open standards for interoperability. Activities fulfilling their mission include educational events, co-production of CareConnect FHIR profiles and APIs, data validation, adoption of standards into the service, as well as hackathons like the INTEROPen Hackathon/FHIRHack19.

### The Better Meds Team:



**Mitja Lapajne**

Better Meds Technical Lead



**Bojan Bajc**

Backend Developer



**Jošt Čufar**

Frontend Developer



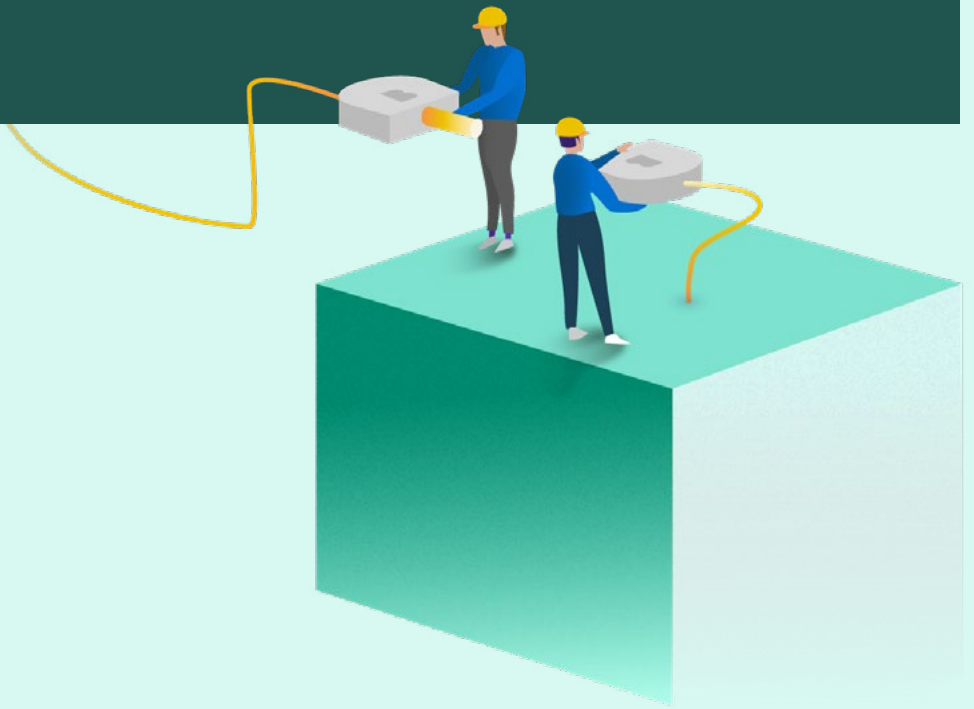
**Patrik Bevec**

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**Božidarka Radović**

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