

It's Time to search smarter – using URL tricks to search faster

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Background

Clinical Pharmacists typically search multiple medical references and are constantly trying to navigate through the intranet to find resources that should otherwise be easily accessed in a timely manner.

Aim

To decrease medication reference search time and consolidate regularly accessed resources into a single web page.

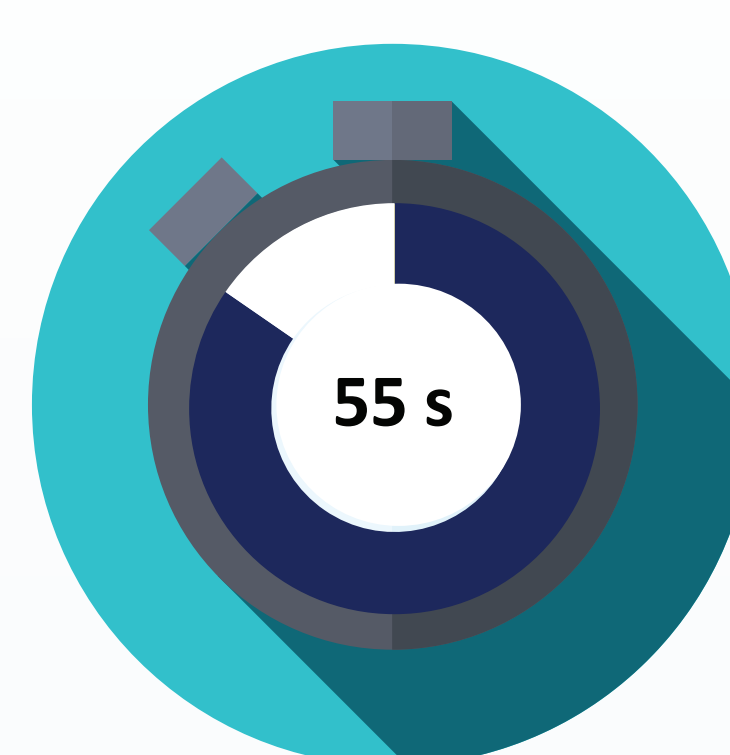
Methods

A trial webpage was created that consolidated all regularly accessed resources into the one web page. Utilising URL based queries, smart search functionality was added, allowing the user to open multiple reference windows directly when entering a single search term. Timestamp data was collected from page loads, links clicked and search terms used. Additionally, search times were recorded before and after the intervention to establish time saved per pharmacist.

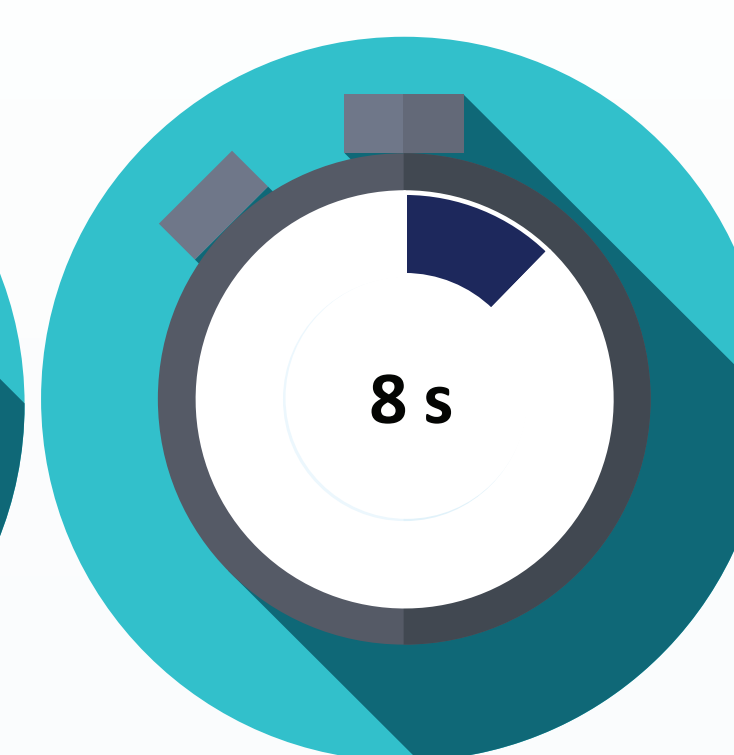
Results

Over 2.5 months, 2200 searches were conducted, with 10 -15 users loading the page on a daily basis. Medical reference search times decreased from 55 seconds to 8 seconds and interaction searches decreased from 63 seconds down to 11 seconds per search. With current usage, this translates to 10-15 hours saved/pharmacist/year.

Med Reference Search Time

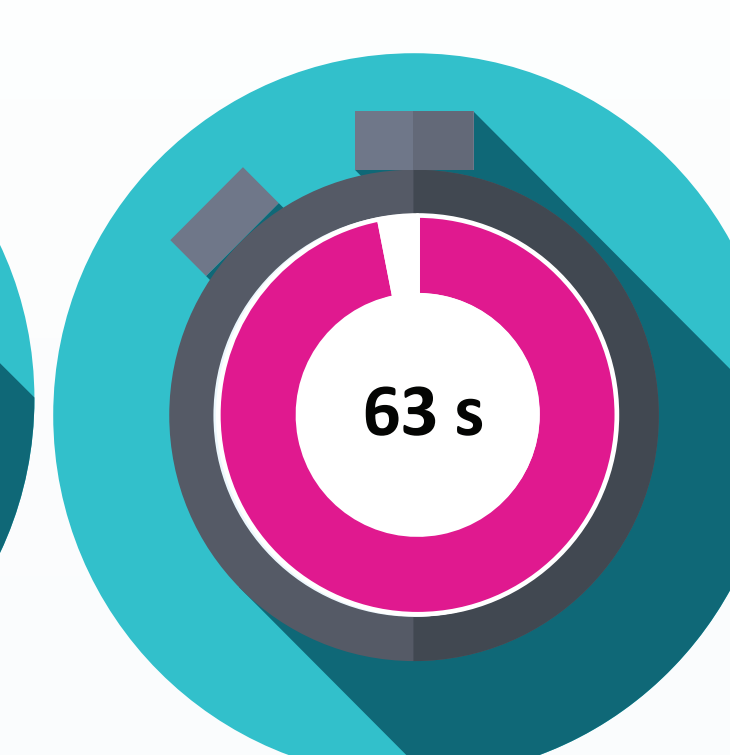


Before

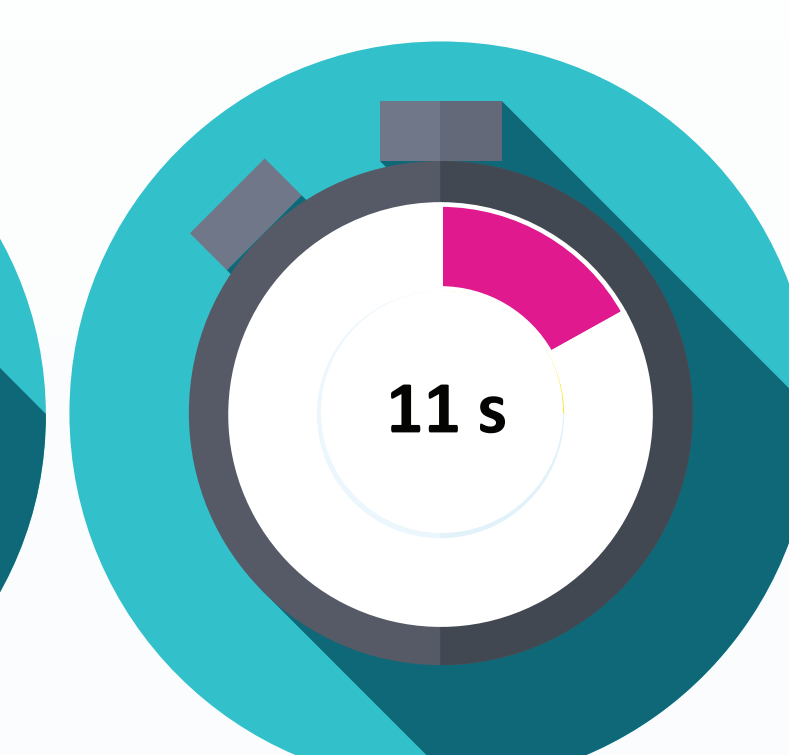


After

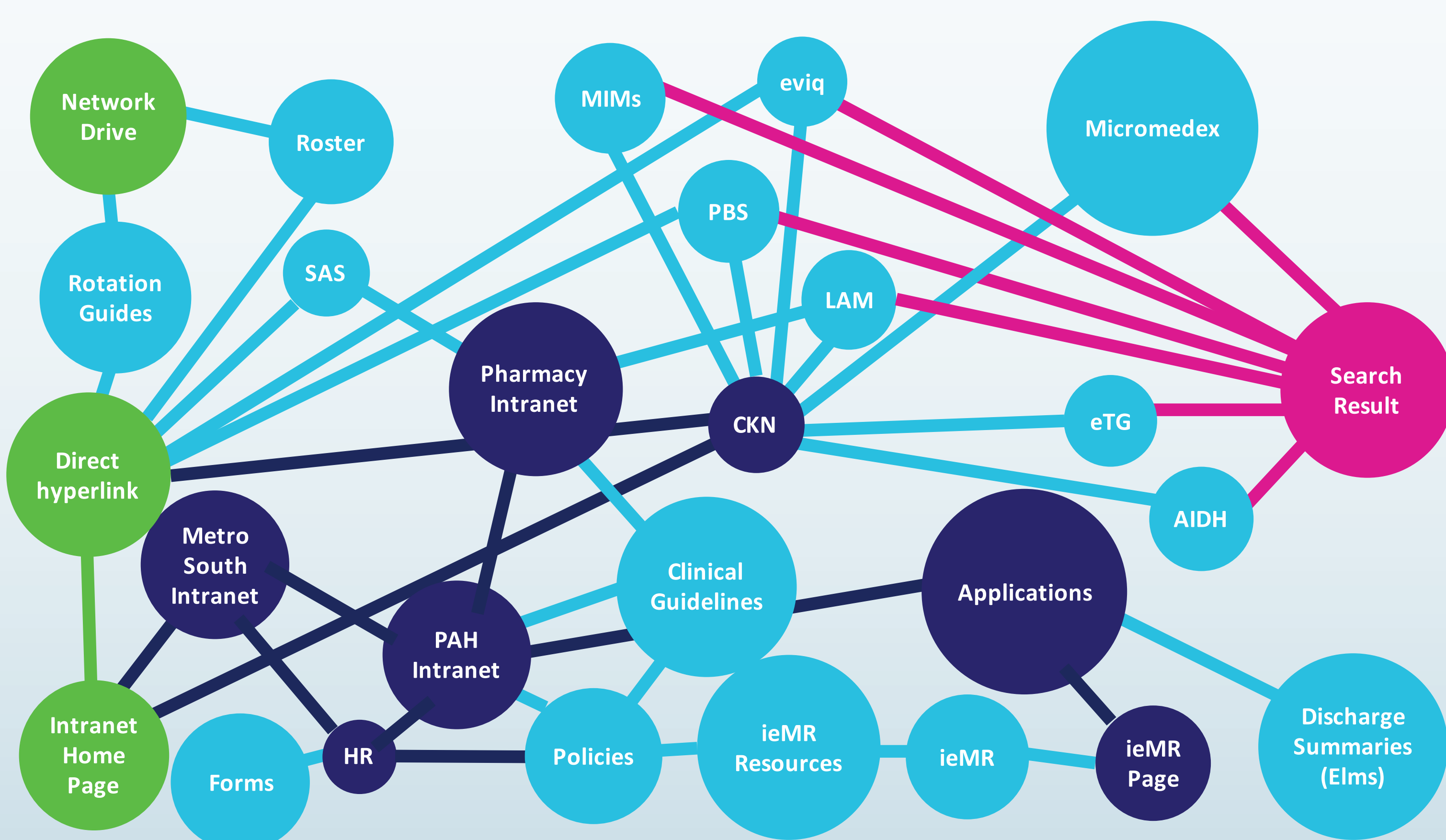
Med Interaction Search Time



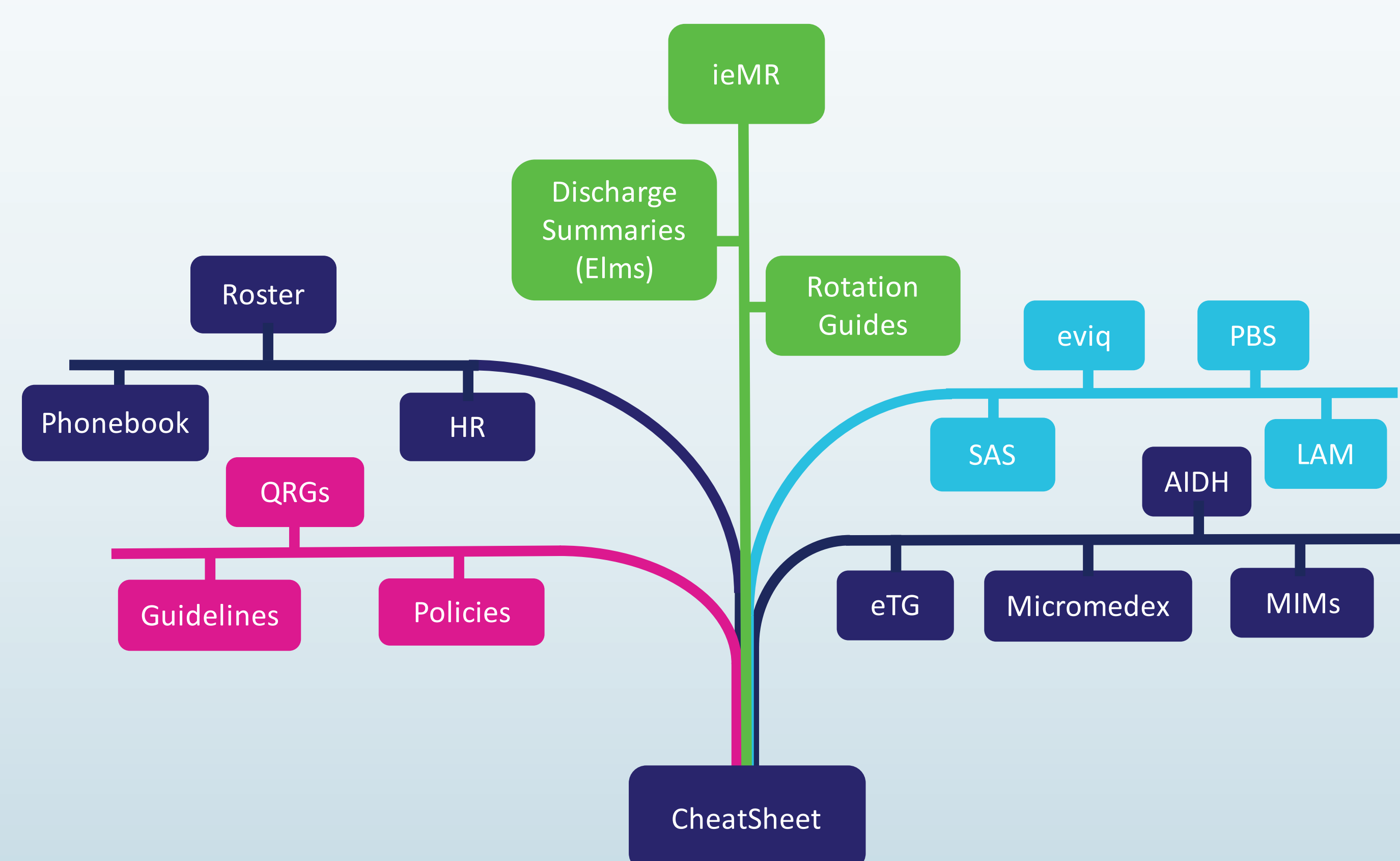
Before



After



Finding Resources before CheatSheet



Finding Resources with CheatSheet

Conclusion

In conclusion, it's time for everyone to search smarter and faster. Smart search functionality has been shown to reduce reference search time for users. This simple web page can be easily adapted to other sites. As more resources utilise URL based queries, the promise to save time increases. By consolidating all regularly accessed resources into one page, clinicians can concentrate on other patient oriented activities.

To see the CheatSheet
Scan the QR Code

