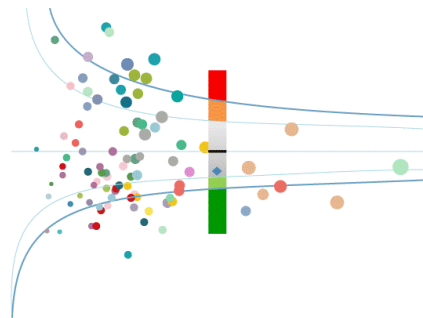




ECDS and Population Health Management for Urgent Care

Richard Oakley

Head of Analytics
Methods Analytics

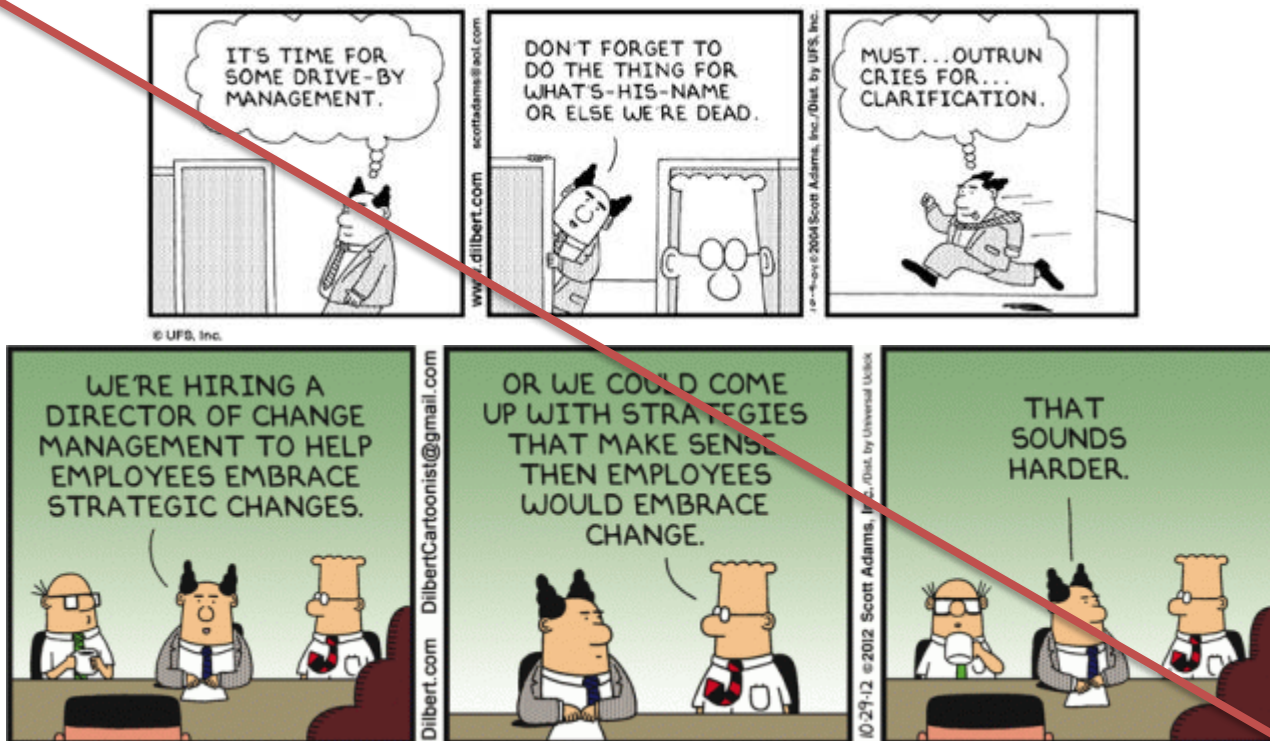


26th September
Manchester

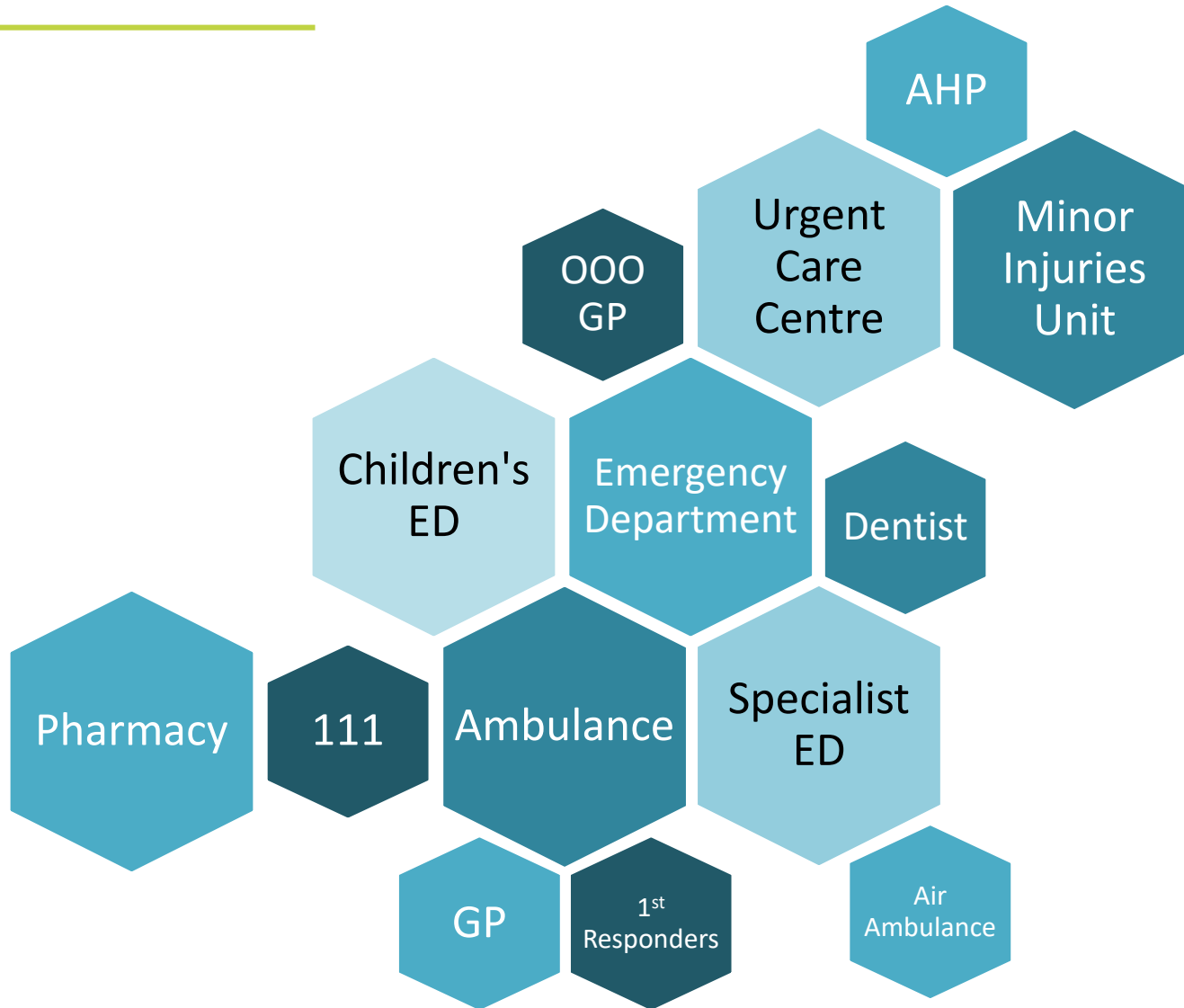
What is Population Health Management?

Population Health

The health outcomes of a group of individuals, including the distribution of such outcomes within the group (Kindig & Stoddart 2002)

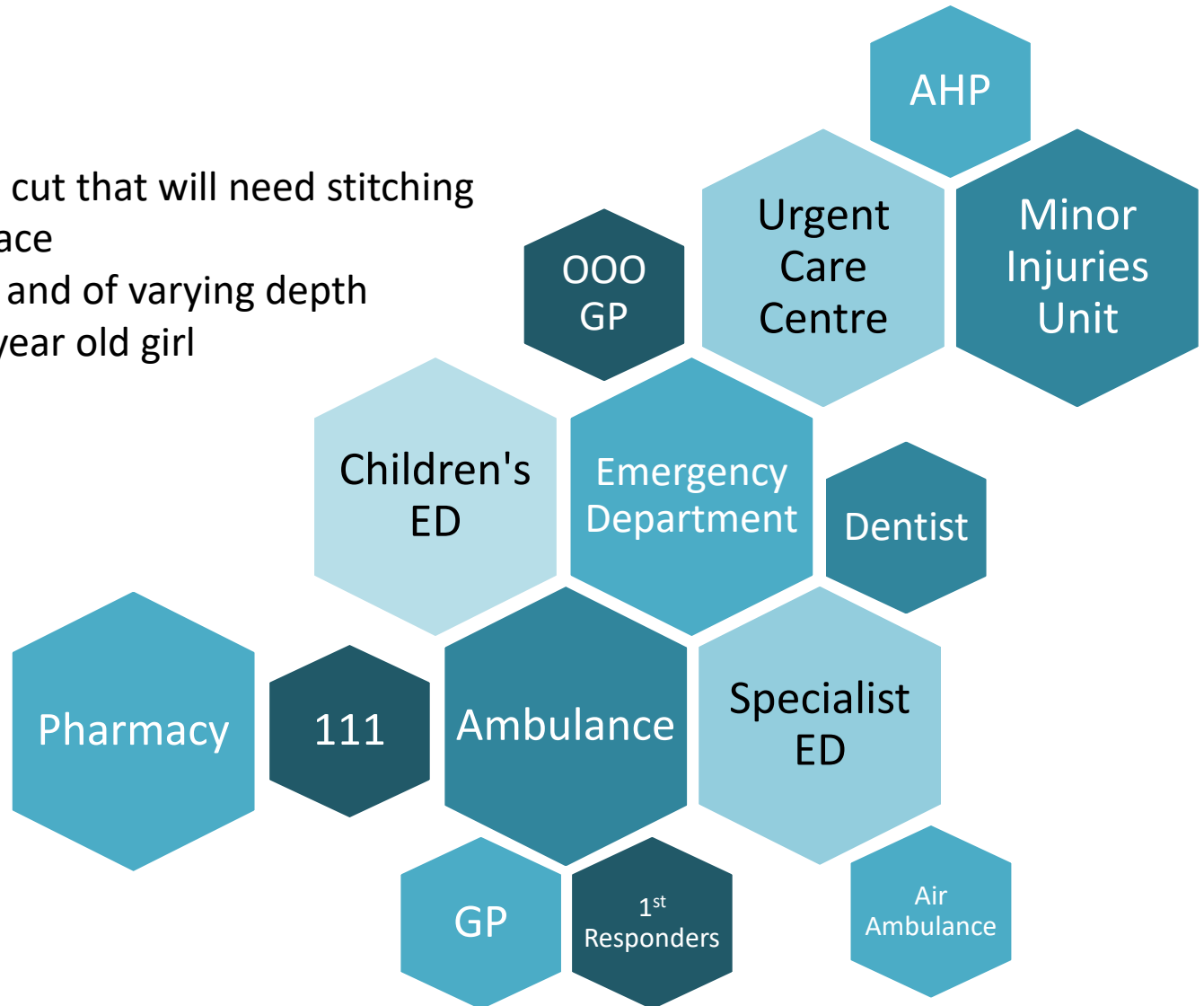


What is Urgent Care?



Complexity and Nuance

- Patient has a cut
- Patient has a large cut that will need stitching
- The cut is on the face
- It is under the eye and of varying depth
- The patient is a 7 year old girl



Complexity and Nuance



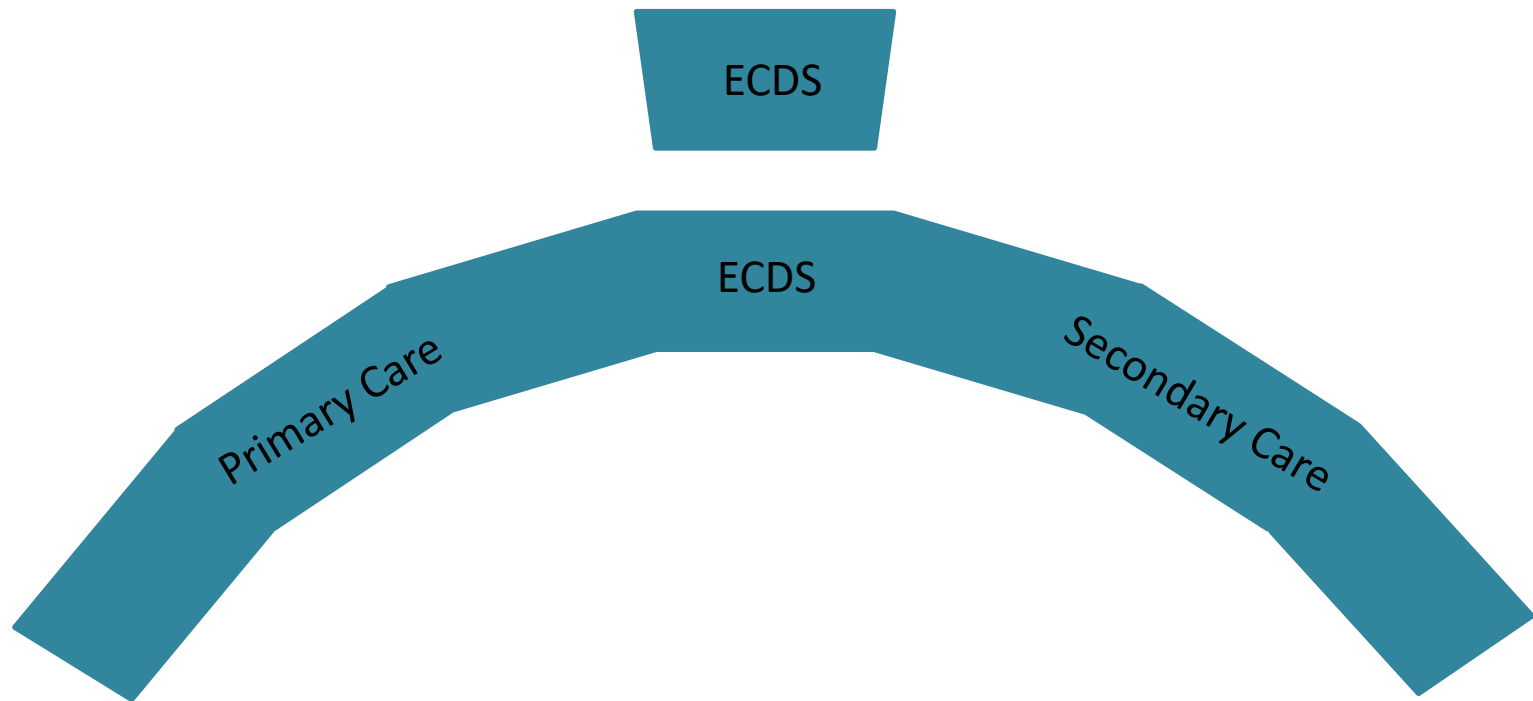
We have to have a system that covers all eventualities but that is also efficient.

Population health management approaches have to be considered as one of the ways to structure all of this complexity, assess it in pieces and then build and rebuild services and interventions around that understanding of the detail.

We can't afford to be scared of data-led approaches anymore.

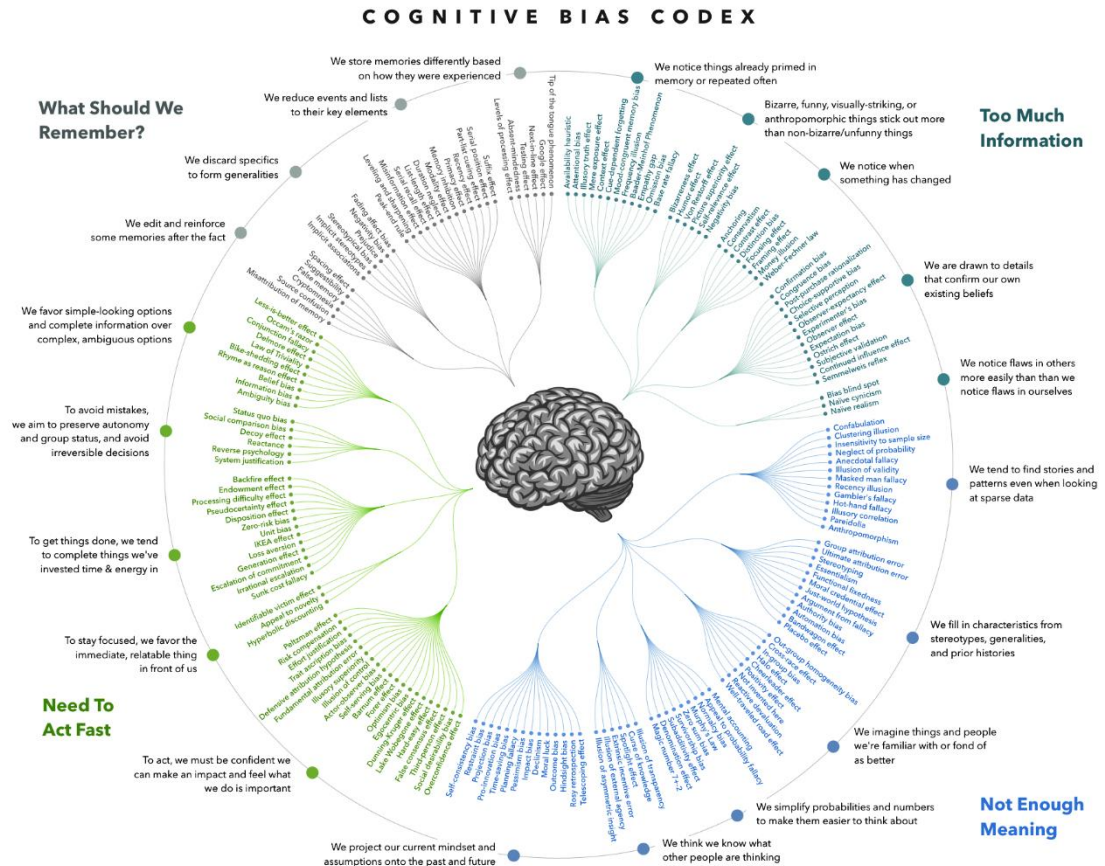
Where does ECDS fit in?

ECDS { Emergency Care Data Set: 108 fields of data for any patient attendance with emergency care including urgent care centres and minor injury units.



Why does this all matter?

- Accuracy
- Consistency
- Depth
- Clarity



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What can be done?



You've identified opportunity
for improvement



The outcome you're predicting
for is negative and predictable

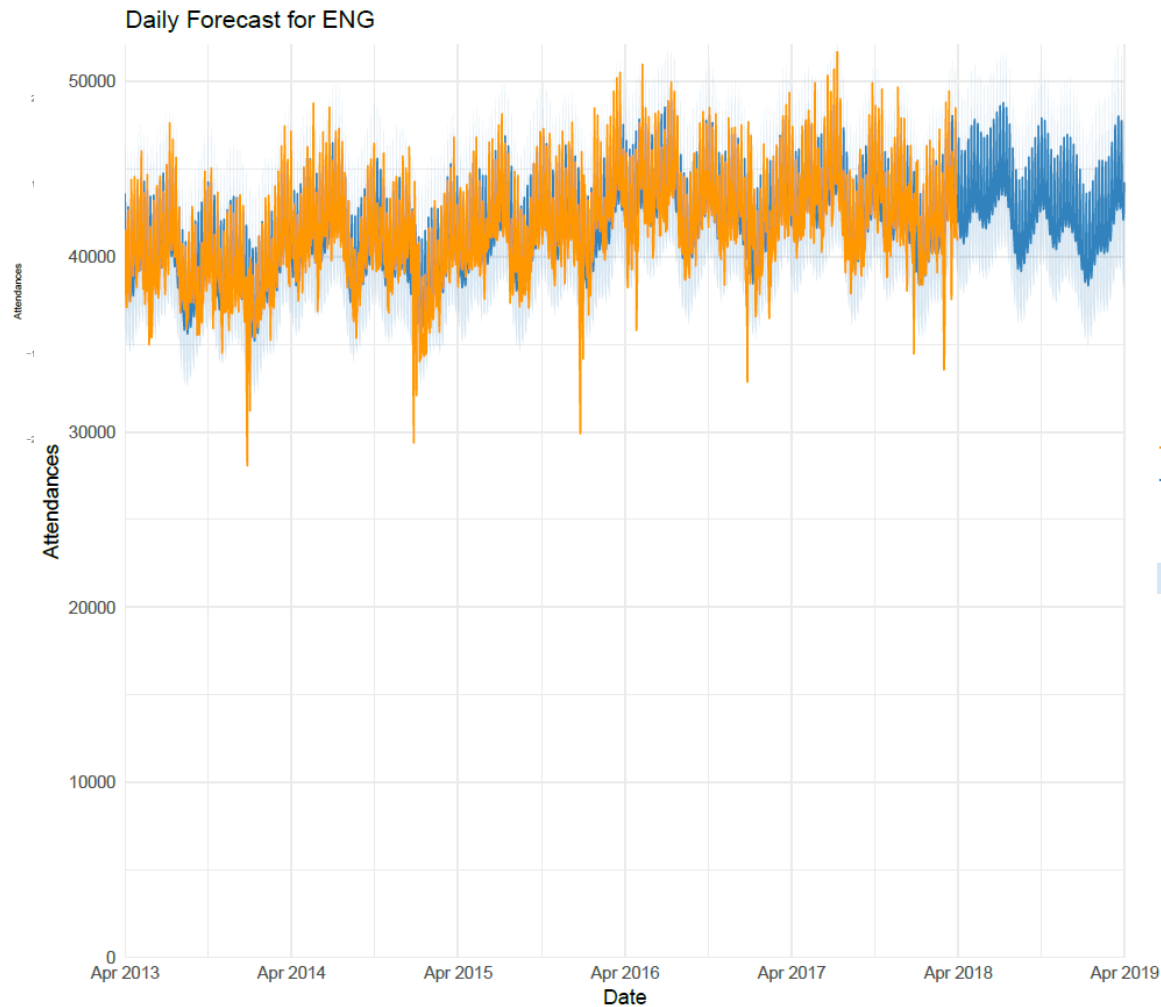


You can prevent it in
a timely manner

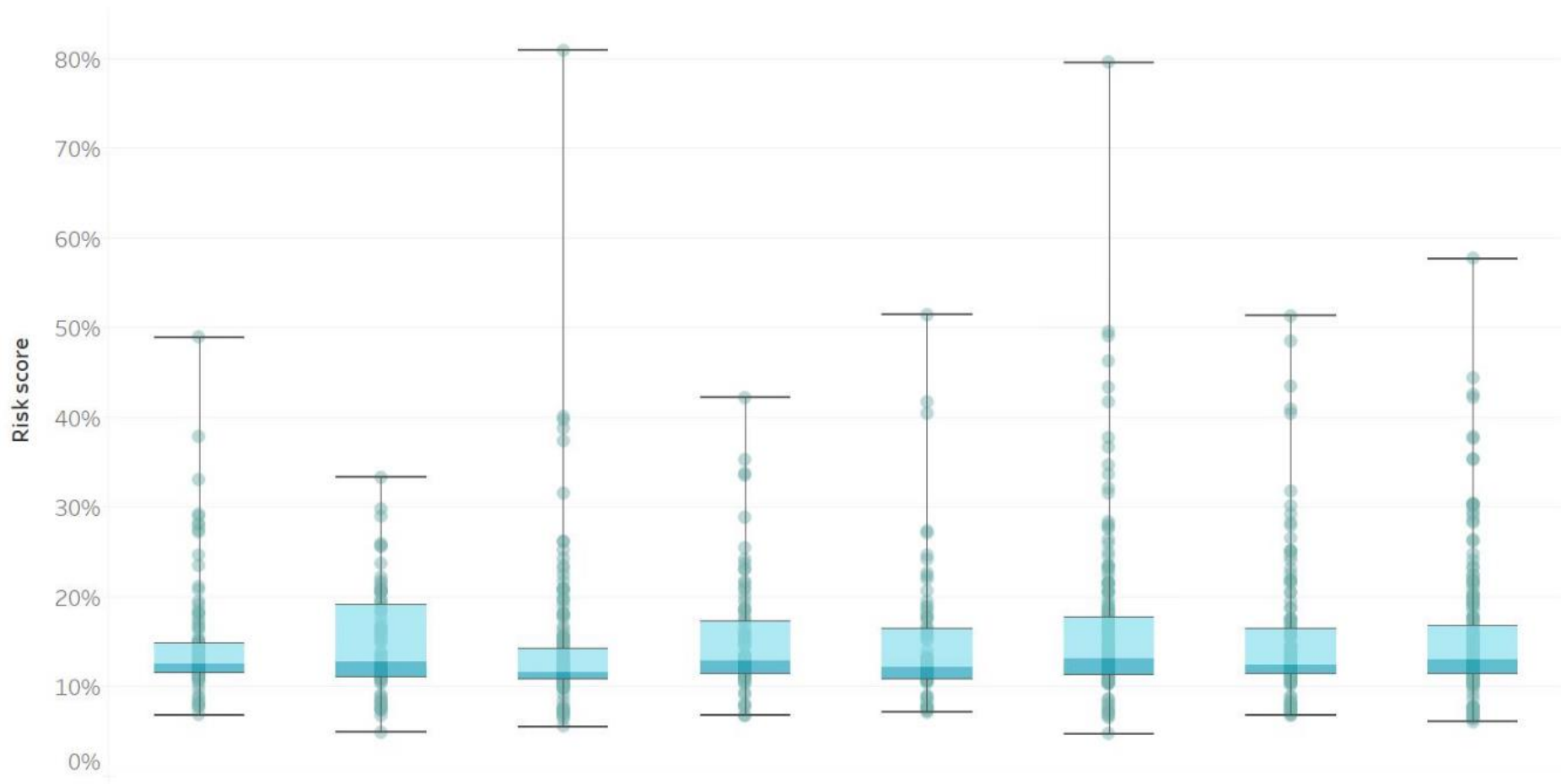


Makes best use of resources,
considering incidence and the
likelihood of success

What areas are being looked at?

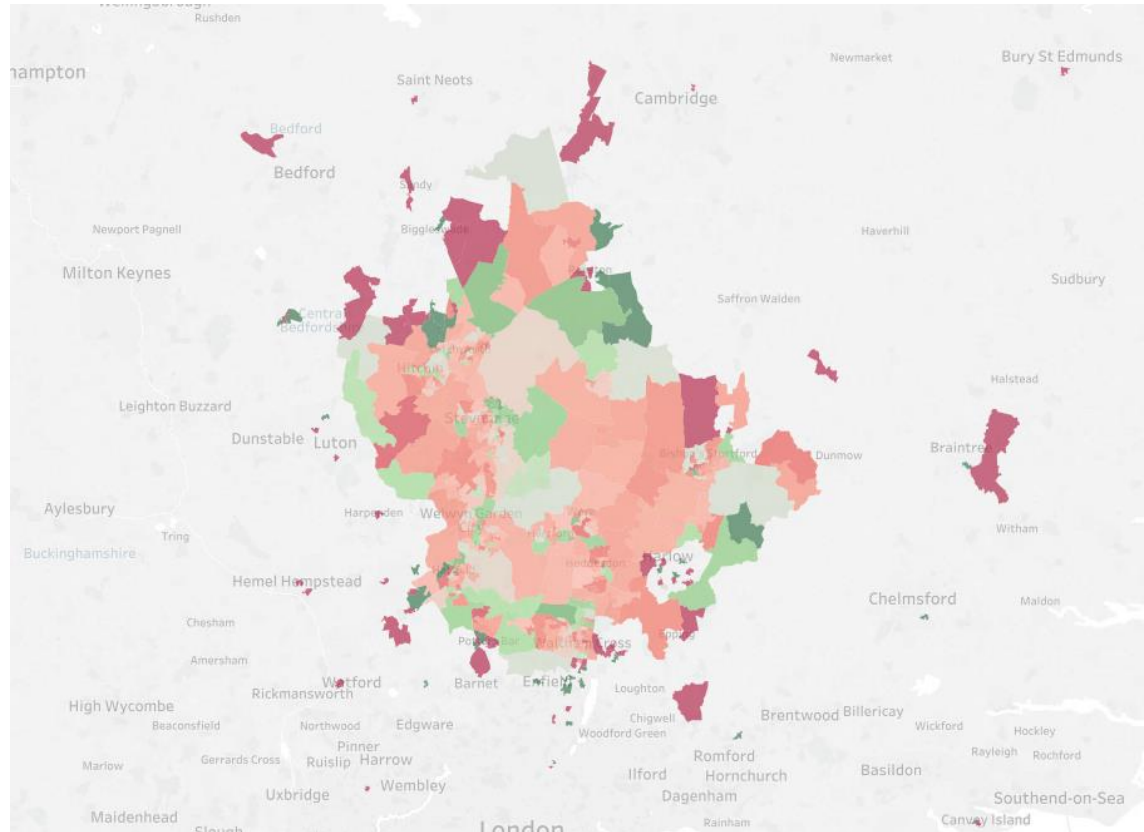


What areas are being looked at?



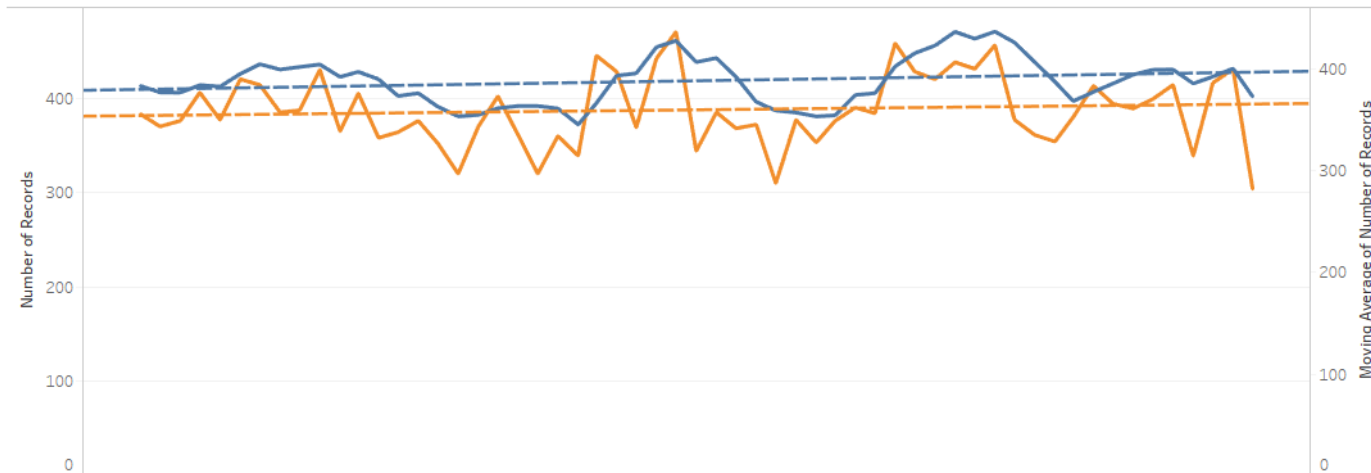
What areas are being looked at?

Frailty risk category	
High risk	4,645
Intermediate risk	3,258
Low risk	27,405

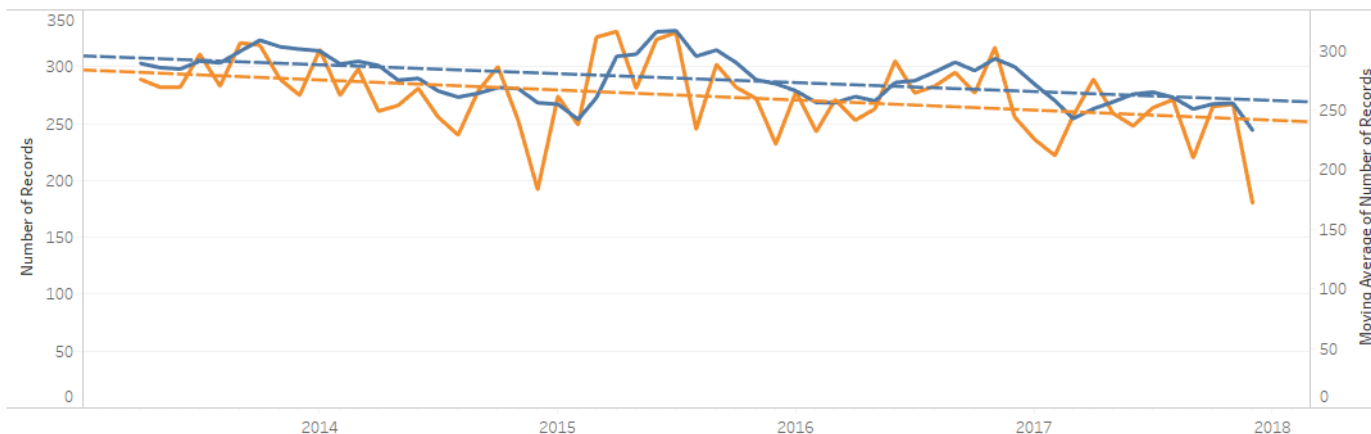


What areas are being looked at?

Abdominal pain admissions

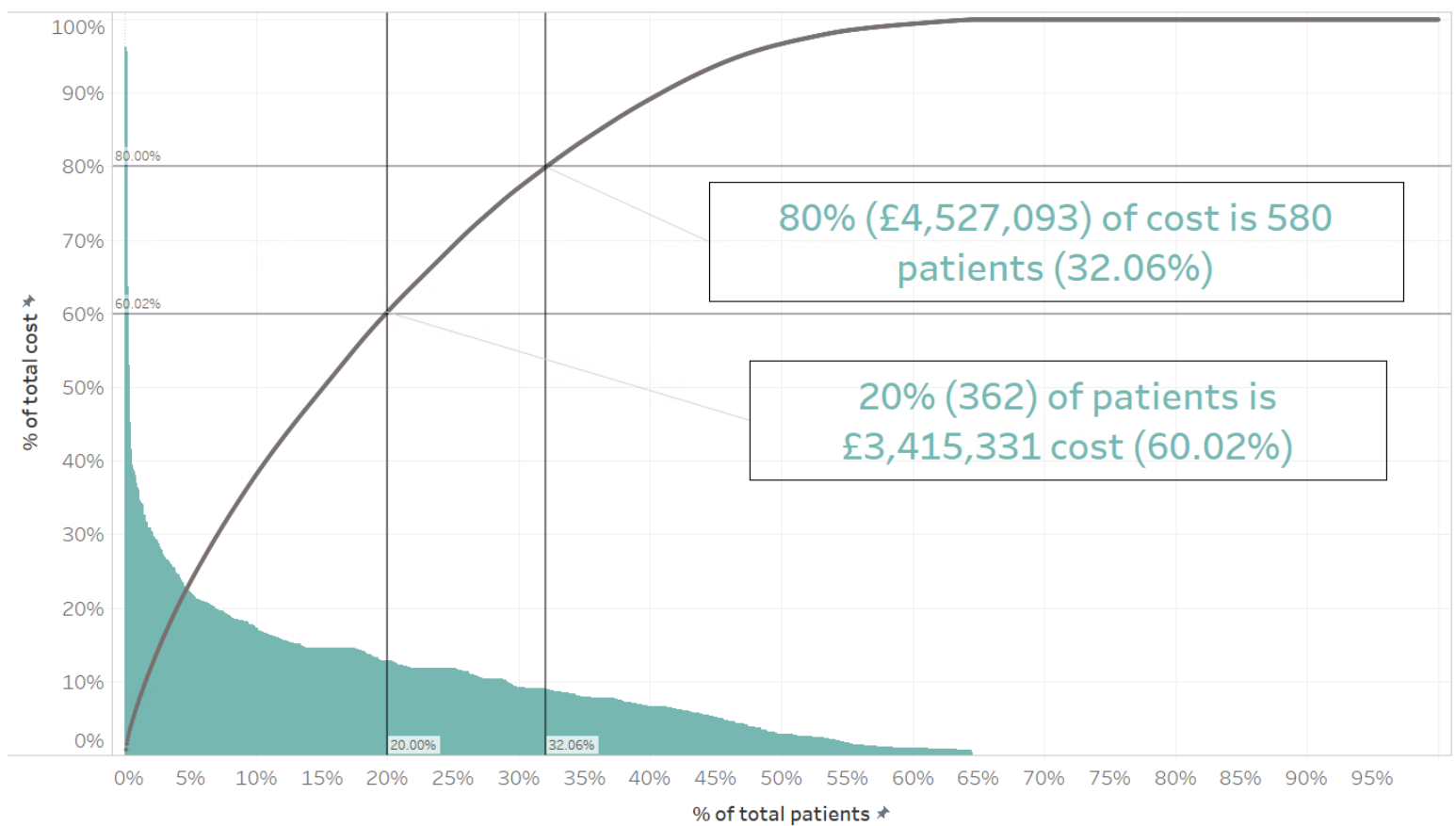


Abdominal pain admissions with no surgical intervention



Why now?

%
TOTAL
COST



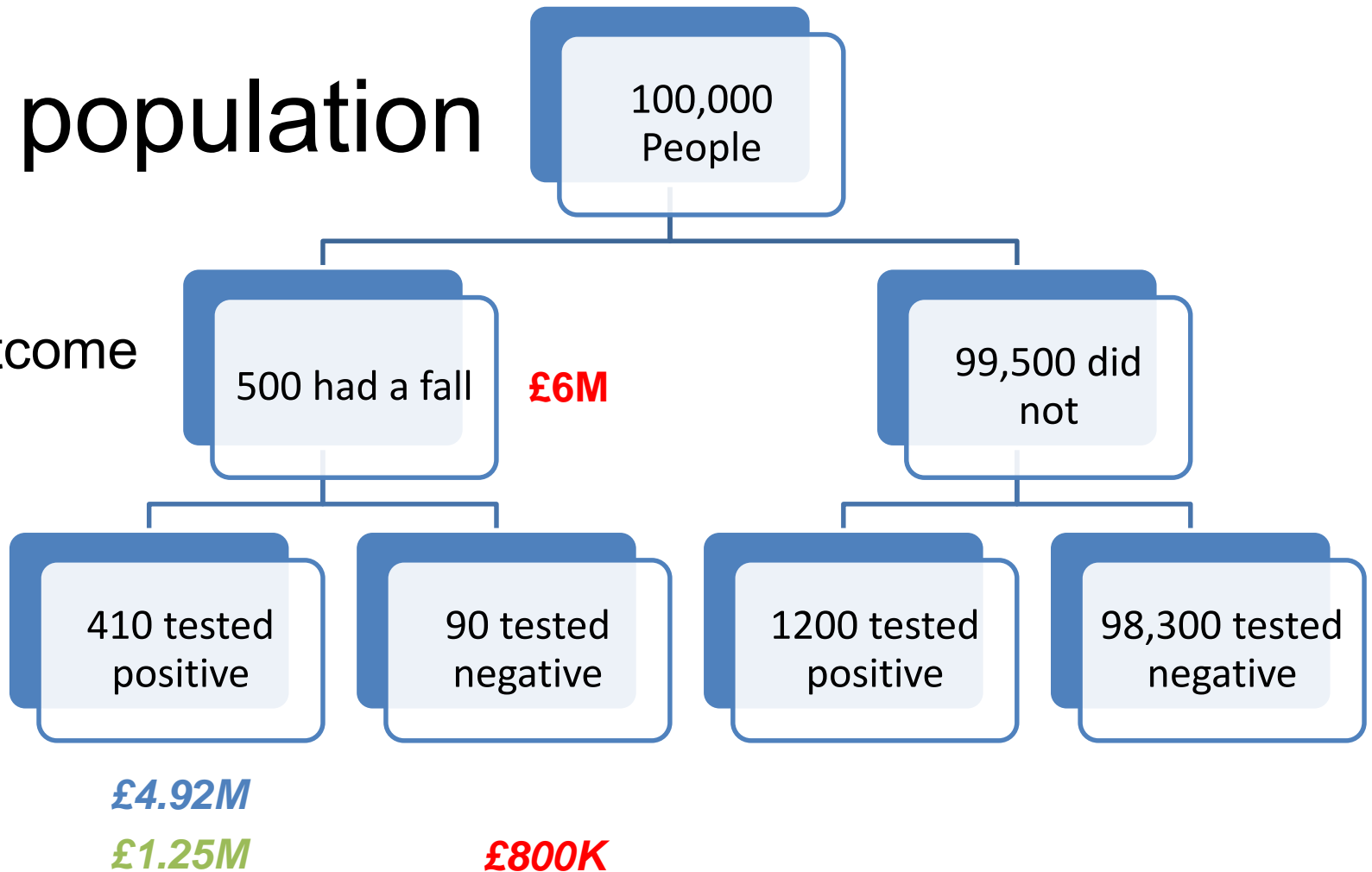
% TOTAL admitted patients >75

Why now?

The population

The outcome

The test



The Approach

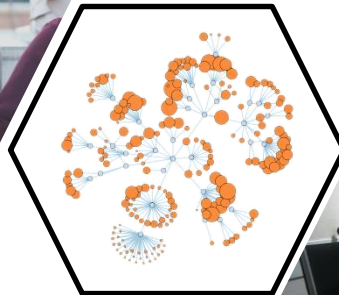
Understand your
inputs



Examine what works
well in practice



Model the interventions



Devise new strategies



Monitor
results

