



UW TASP
tele-antimicrobial stewardship program

echo

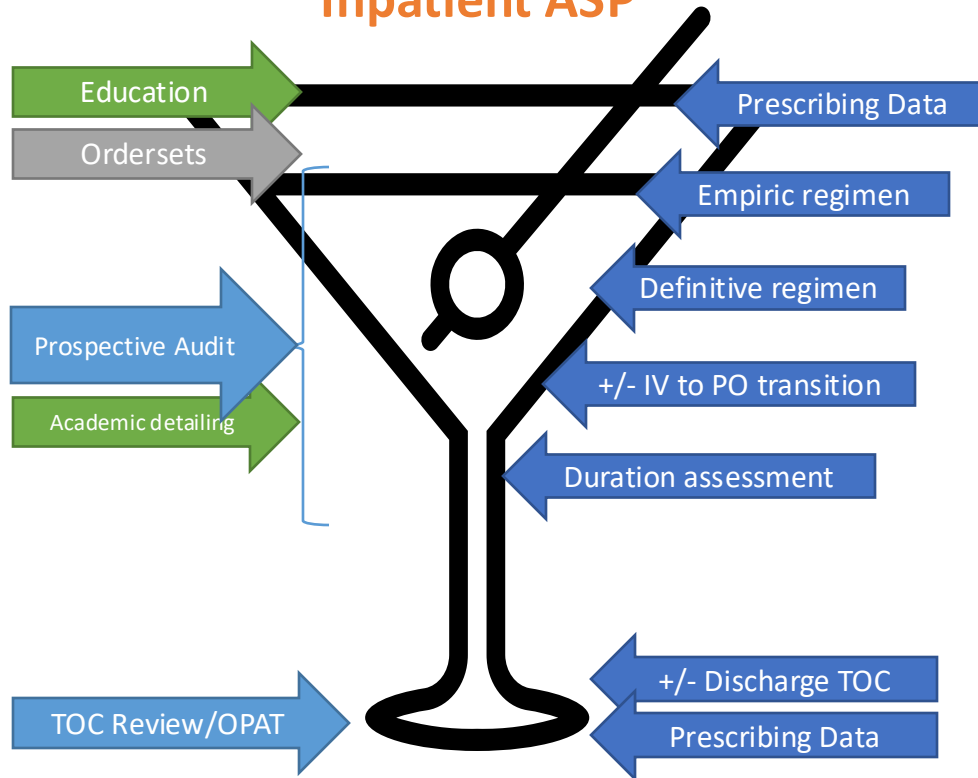
May 6, 2025

Agenda

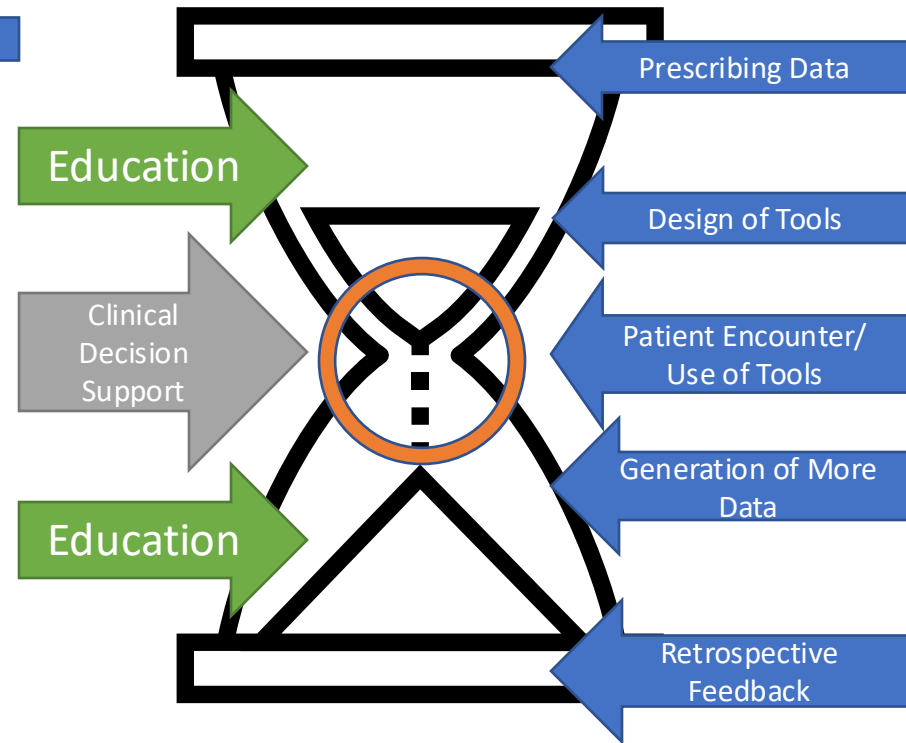
- Outpatient Stewardship
- Case Discussions
- Open Discussion

ASP Glasses

Inpatient ASP

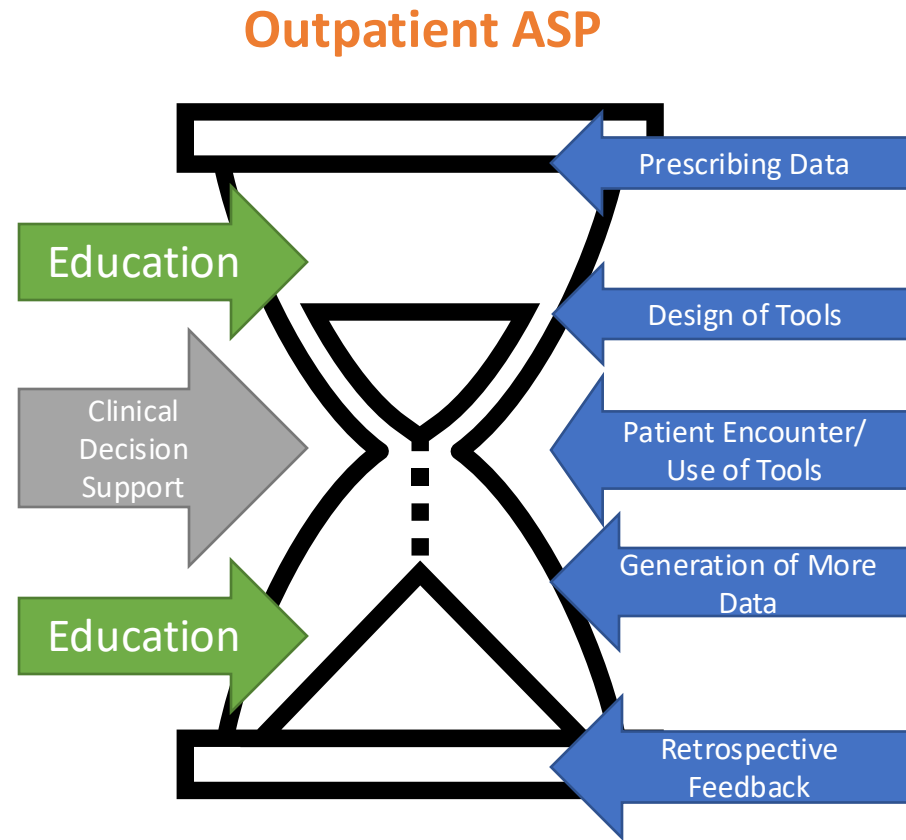


Outpatient ASP



Outpatient ASP, 2 things

- 1.Data
- 2.Education
3. Clinical Decision Support



TASP Book Club

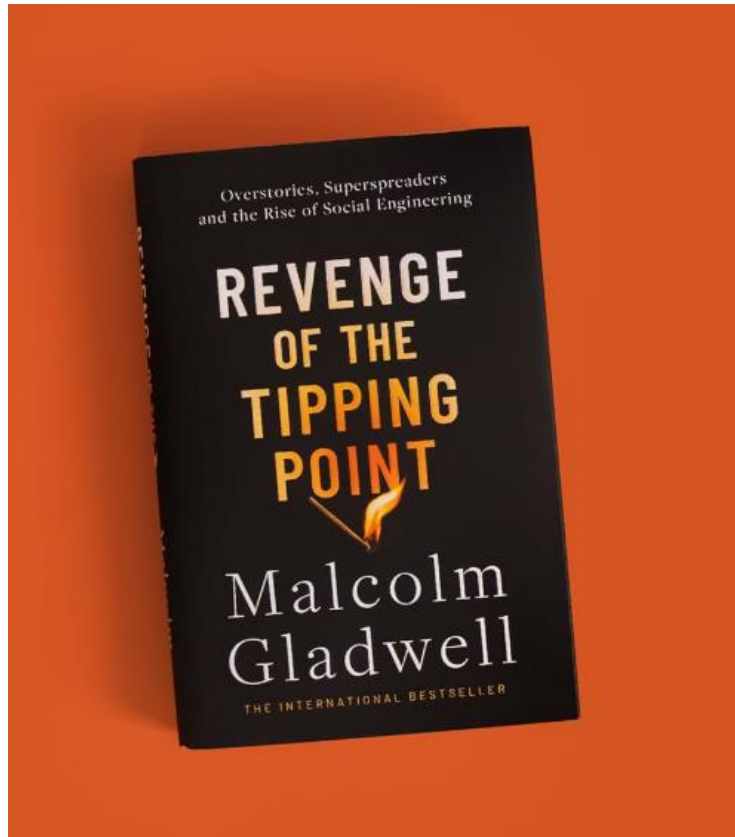
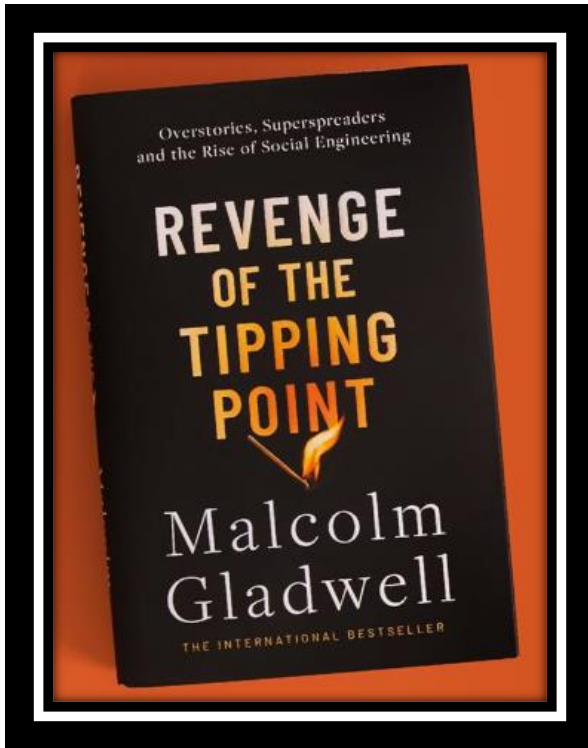


Image from: Amazonca.com. Accessed 2 May 2025



TASP Book Club



- ❖ Superspreaders
- ❖ Overstory
- ❖ Social Engineering

Image from: Amazonca.com. Accessed 2 May 2025



Data

Number of Outpatient Prescriptions by Service Area and Component Gen...

Between 1/1/2025 and 3/31/2025



Jan 1 – Mar 31, 2025

Number of Outpatient Prescriptions

63,994

SCCA

4,713

Amoxicillin & K Clavulanate Tab 875-125 MG

189

Sulfamethoxazole-Trimethoprim Tab 800-160 ...

557

Doxycycline Monohydrate Cap 100 MG

163

Cephalexin Cap 500 MG

138

Azithromycin Tab 250 MG

103

Nitrofurantoin Monohydrate Macrocrystalline C...

103

Oseltamivir Phosphate Cap 75 MG (Base Equiv)

70

Valacyclovir HCl Tab 1 GM

74

Fluconazole Tab 150 MG

35

Amoxicillin (Trihydrate) Cap 500 MG

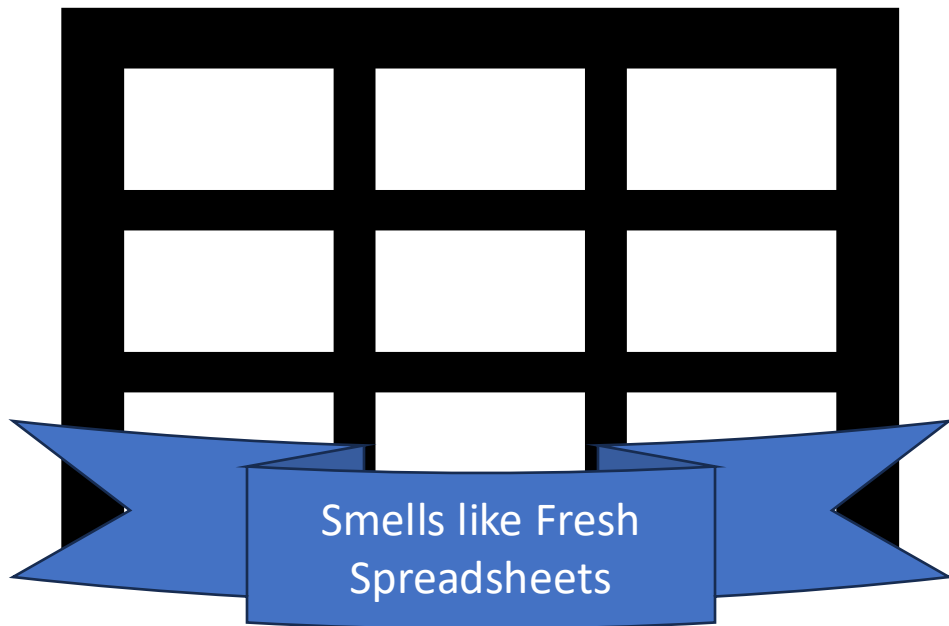
104

None of the above

3,177

Load All

Data Maintenance

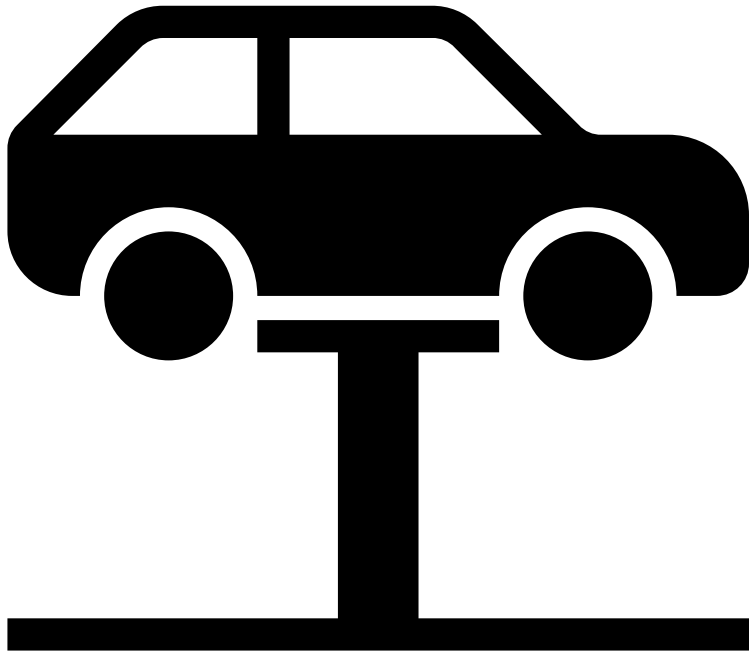


...is just like a New Year's Resolution



The concept of Superspreaders

An oversized impact of a few

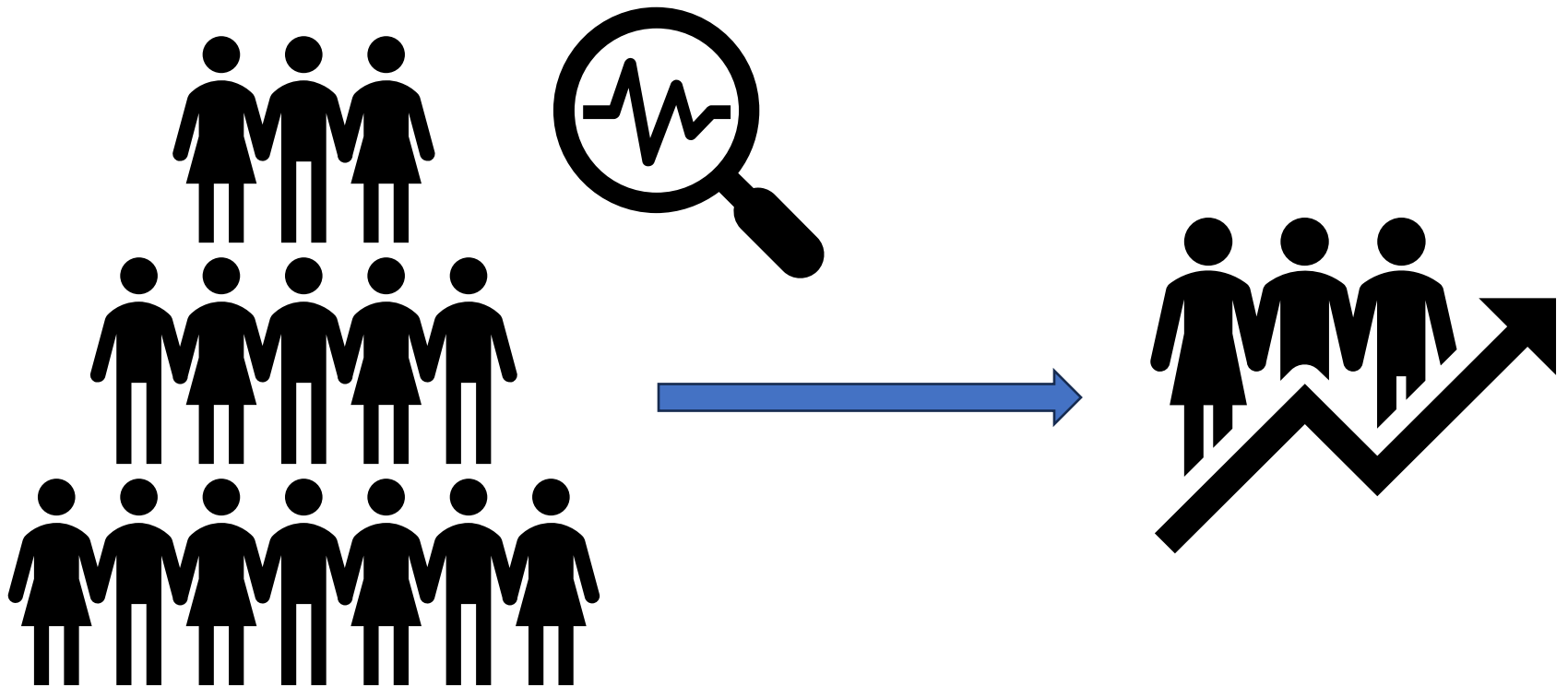


Smog Checks

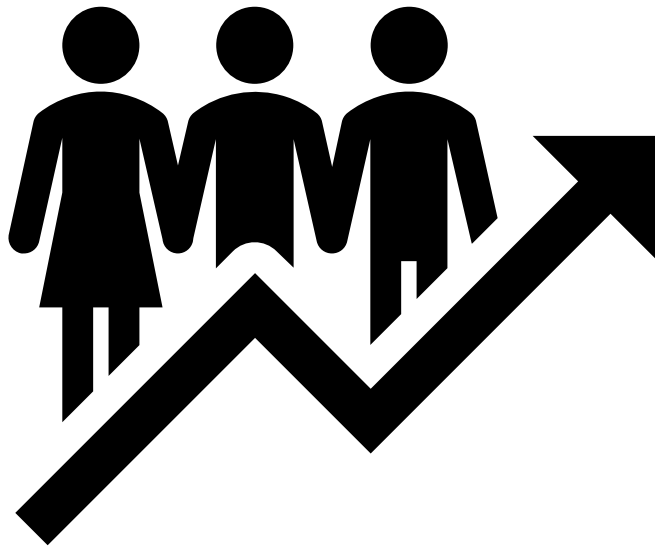
Gladwell M. *Revenge of the Tipping Point*.



Who are the superspreaders of antibiotic prescribing at your institution?



Who are the superspreaders of antibiotic prescribing at your institution?



Why higher prescribing?

- Do they work more shifts
- Are they working in urgent care
- Who is their patient population



Don't have the Data?

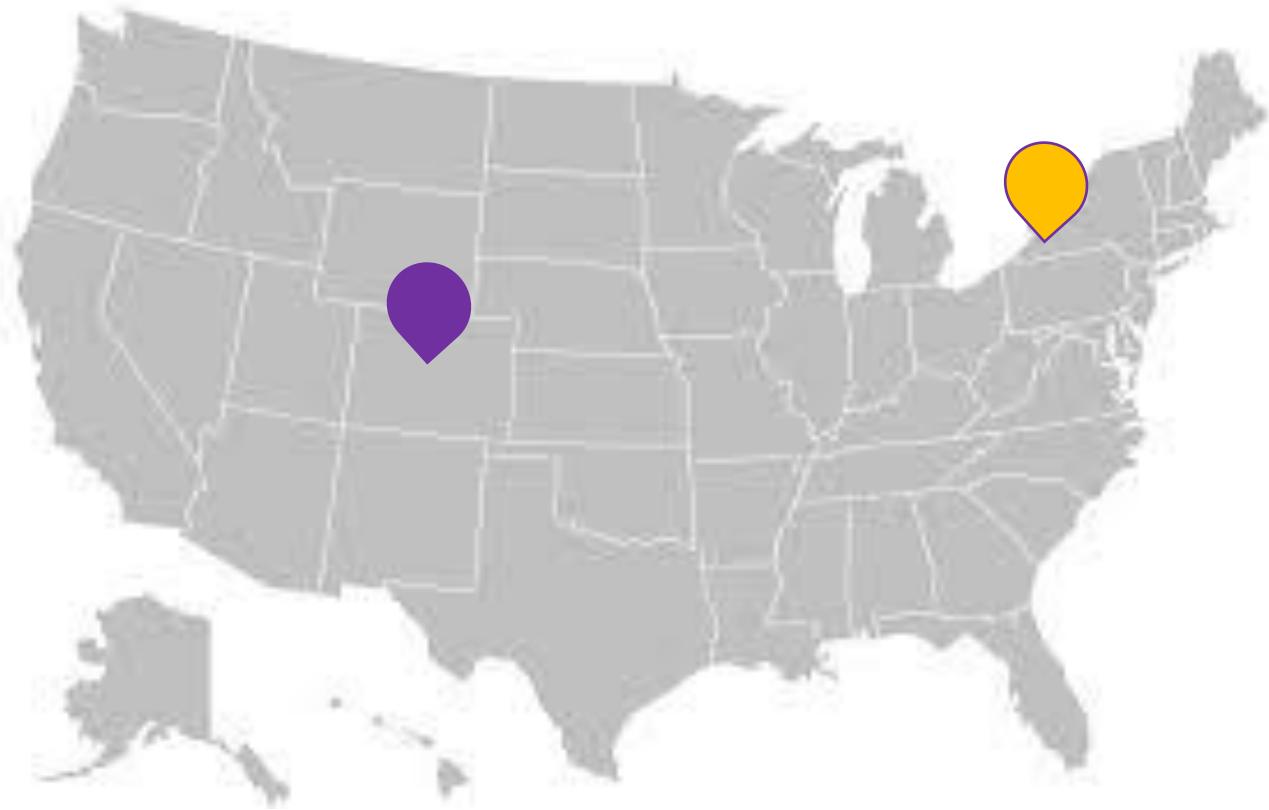
Don't matter, work on your Overstory

What is an overstory?

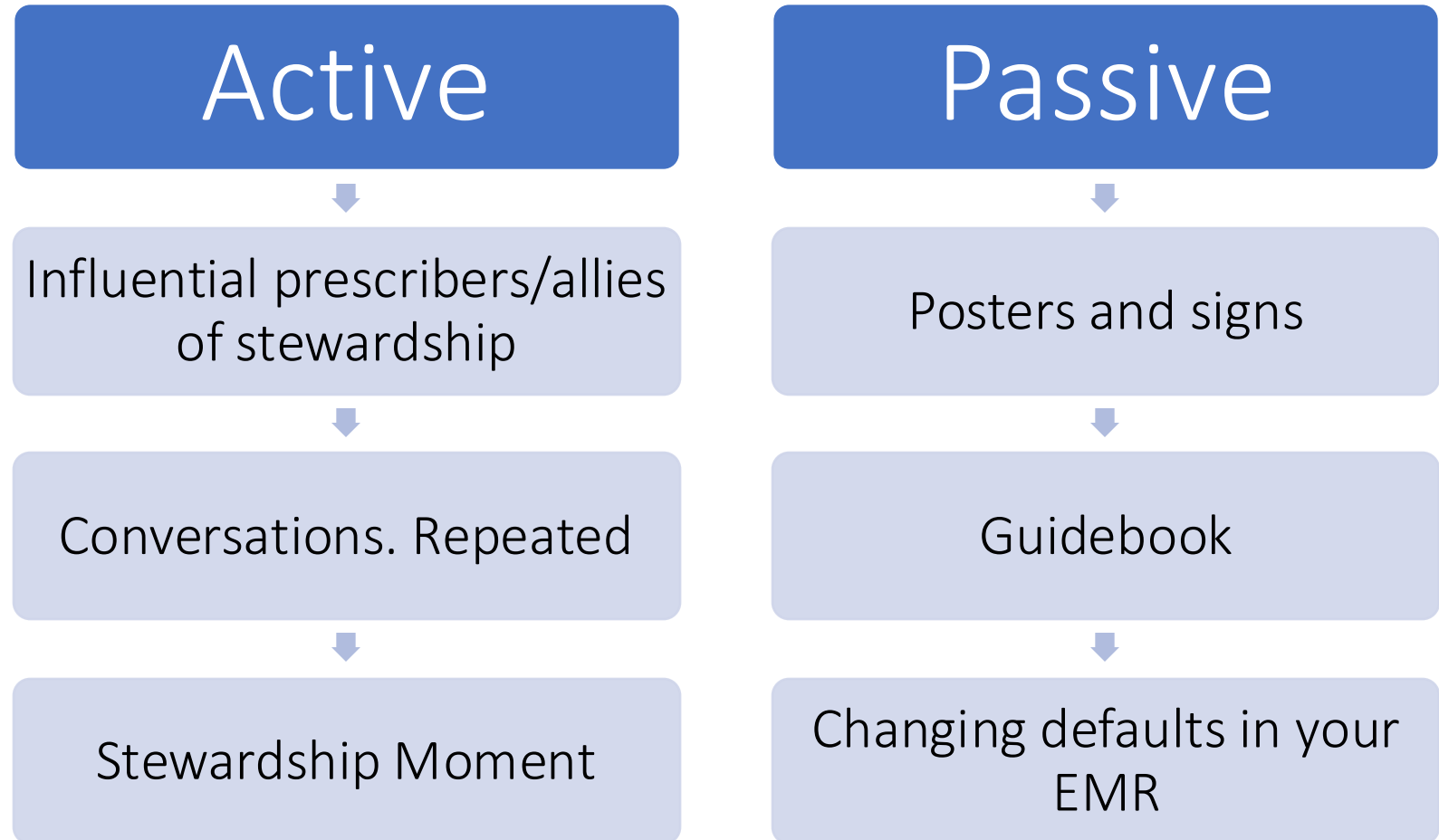
The layer of foliage in a forest canopy¹



How Overstory impacts practice

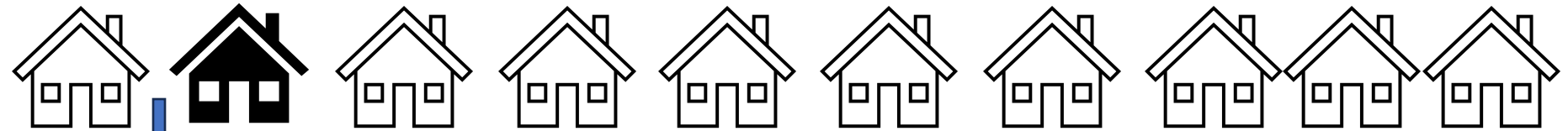


How do you shape an overstory?



Tipping Points

1955



1958



1965



Engineering Tip Points:

Convince a fraction to shape the whole

- If you have just a handful of practitioners exhibiting a behavior it is exceptional or an outlier
- If you can convince 25-30% to change their behavior, then you engineer a new norm
- Humans like to adhere to the norm so the work from 0 to 30% is far harder and longer than the work from 30 to 100%

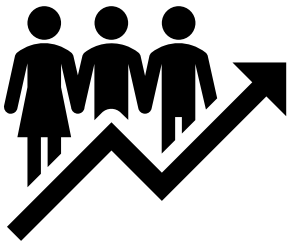


Back to outpatient stewardship

Goals:

1. Diagnose appropriately and accurately
2. Increase optimal antibiotic selection and duration

Superspreaders



Identify and connect with high prescribers

Overstory



Education tools to change the culture of antibiotic prescribing

Social Engineering



Changing hearts and minds: it only takes a few before the rest follow suit



Outpatient ASP, 2 things

- 1.Data
- 2.Education
3. Clinical Decision Support

