HCV elimination

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Outline

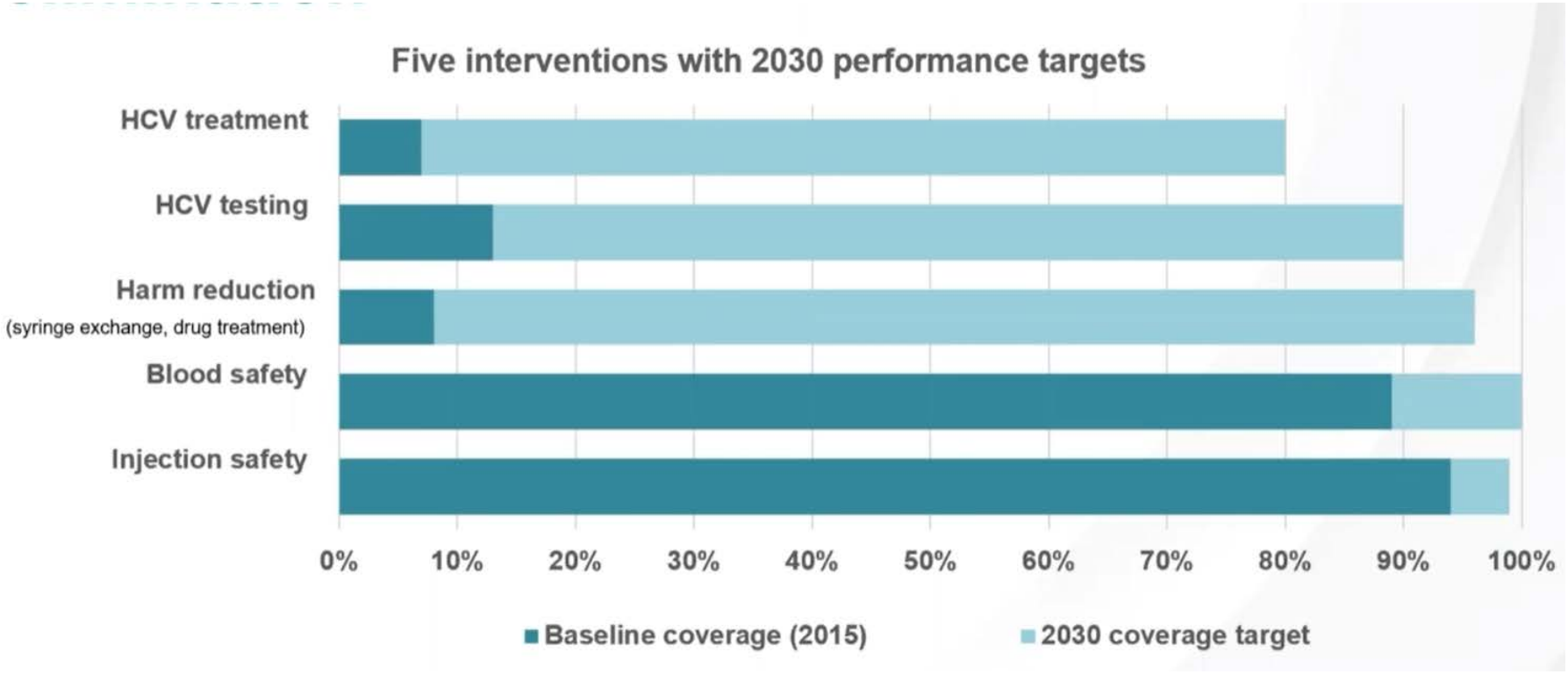
- HCV elimination goals
- Current status
- Examples

WHO 2030

- Incidence: ↓ 80%
- Mortality: ↓ 65%
- Diagnosis: 90%
- Treatment: 80%

The US is not on track to meet these targets

Progress towards WHO goals has been limited



John Ward; AASLD HCV SIG

Egypt is an example

- Prevalence 6%
- Goal of screening all adults in 1 year
- Mobile testing; no co-pays
- $85 per treatment
- 50M tested (80%)
- 1M treated
- Projected to avoid over 260K deaths by 2030
- Cost ~$740 per DALY

Waked 2020 NEJM

Most countries are not on track

- Only 1 in 4 high-income countries are on track
- US projected to hit targets in 2037

Planning

Cost

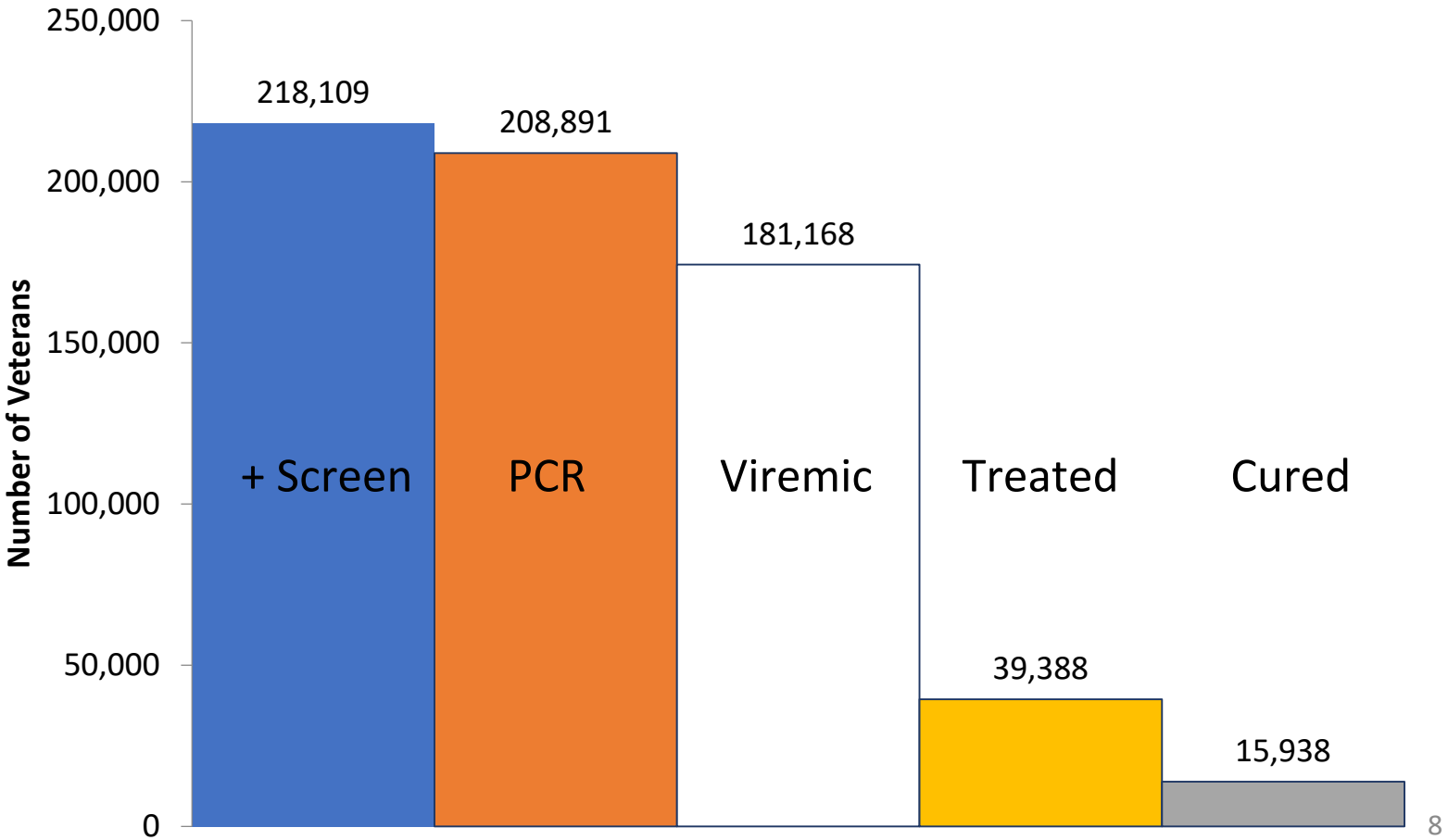
Capacity

Logistics

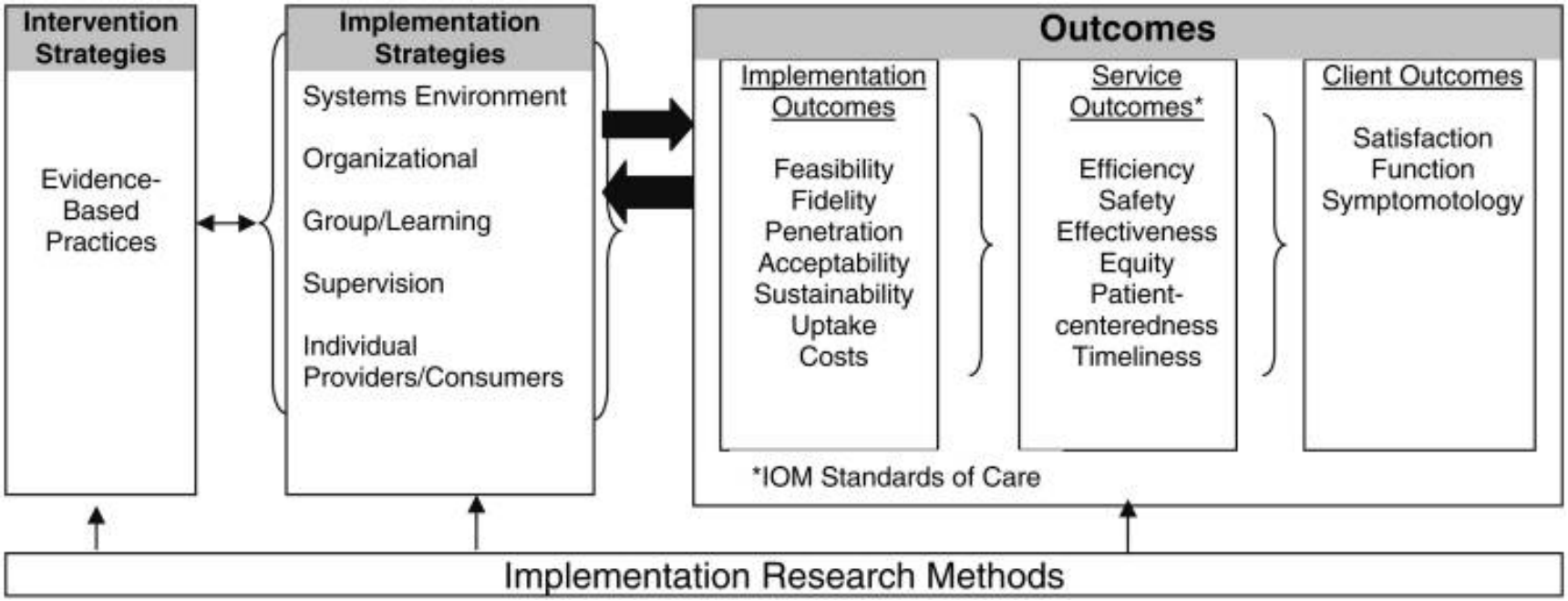
Sulkowski 2020 Adv. Therapeutics
Ward 2019 Gastro

VA has achieved >85% elimination

VA Hepatitis C Care Cascade, 2013

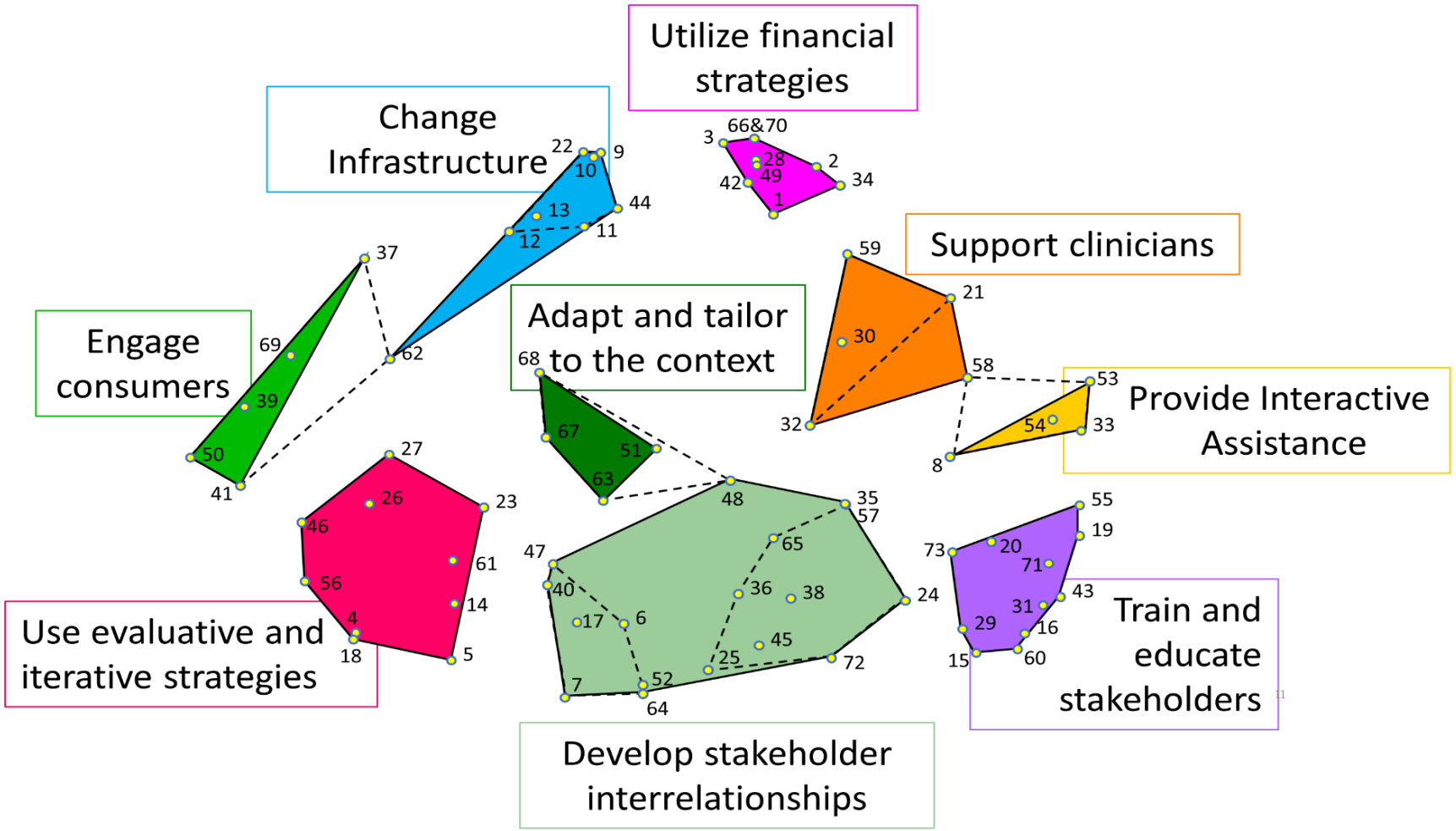


HIT Collaborative

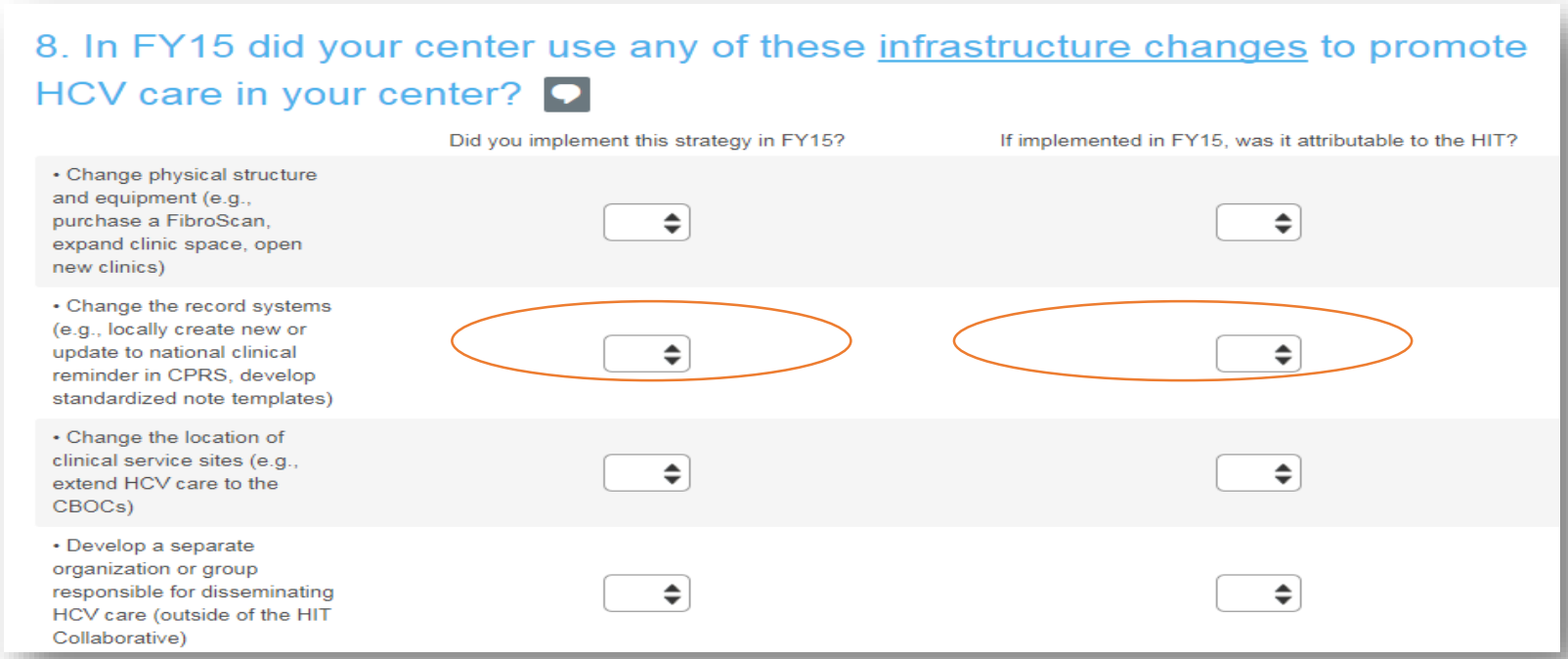


Implementation Strategies

Proctor *et al*., 2011

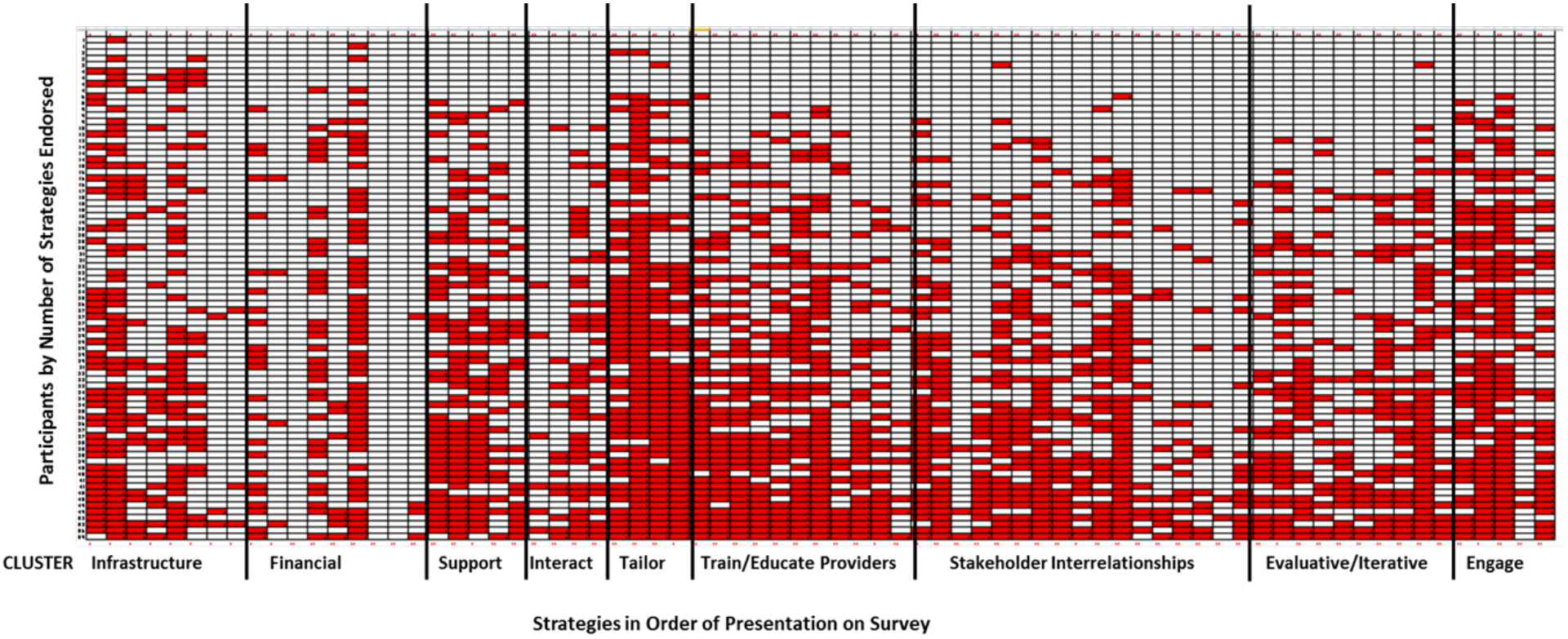


Waltz *et al.* (2015) *Implementation Science*



	FY15	FY16	FY17	FY18
Sites (N)	80	105	109	88
% sites	62%	81%	84%	69%
% HIT members	85%	90%	92%	97%

Strategies Endorsed Across Survey

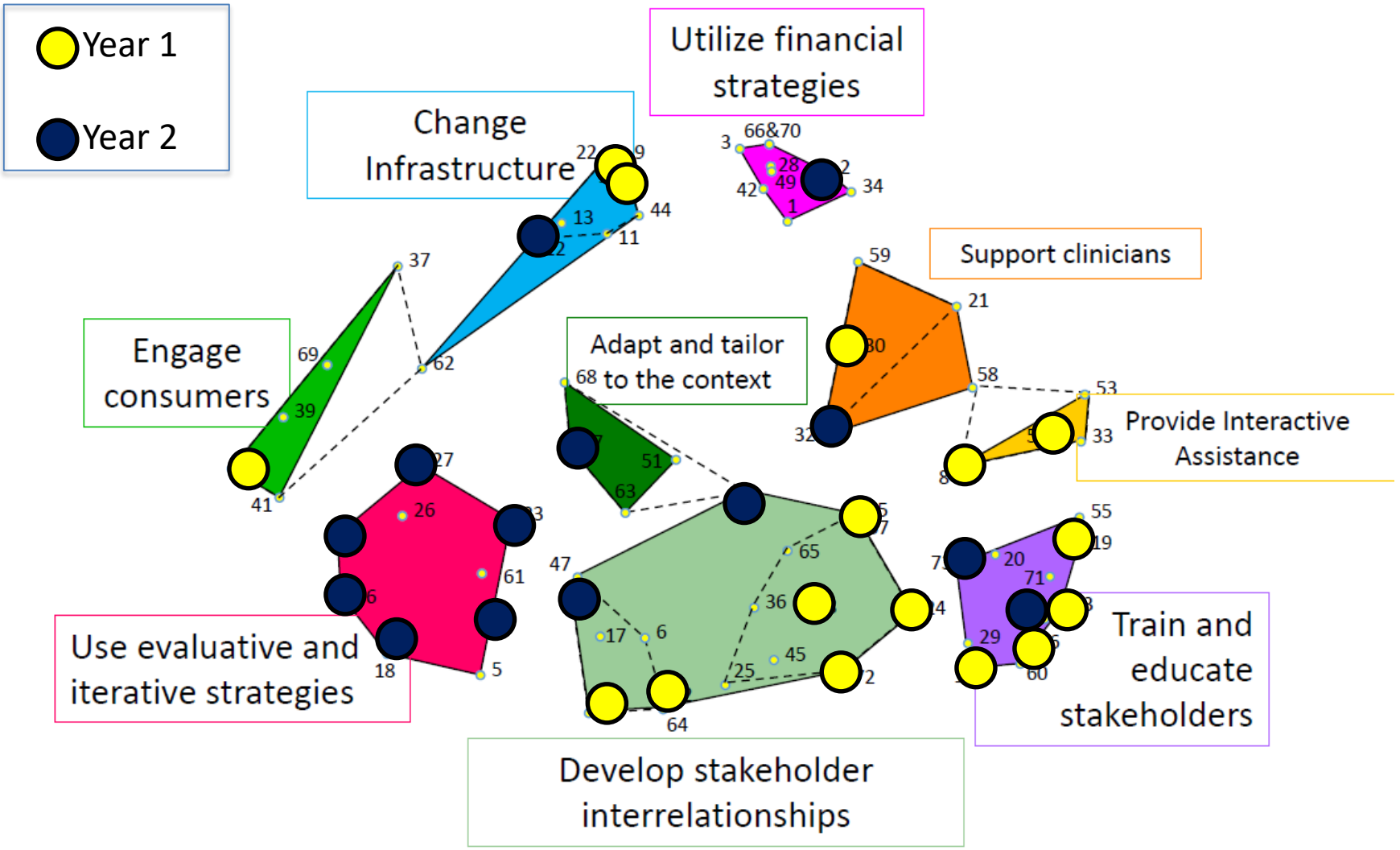


Rogal *et al.* (2017) *Implementation Science*

Top 3 Most Popular Strategies by Year

FY15	FY16	FY17	FY18
• Data warehousing			
• Change the record systems	• Tailor strategies to deliver HCV care		
• Intervene with patients to promote uptake and adherence to HCV treatment		• Promote adaptability	

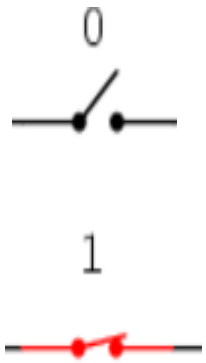
Successful facility changed approaches over implementation

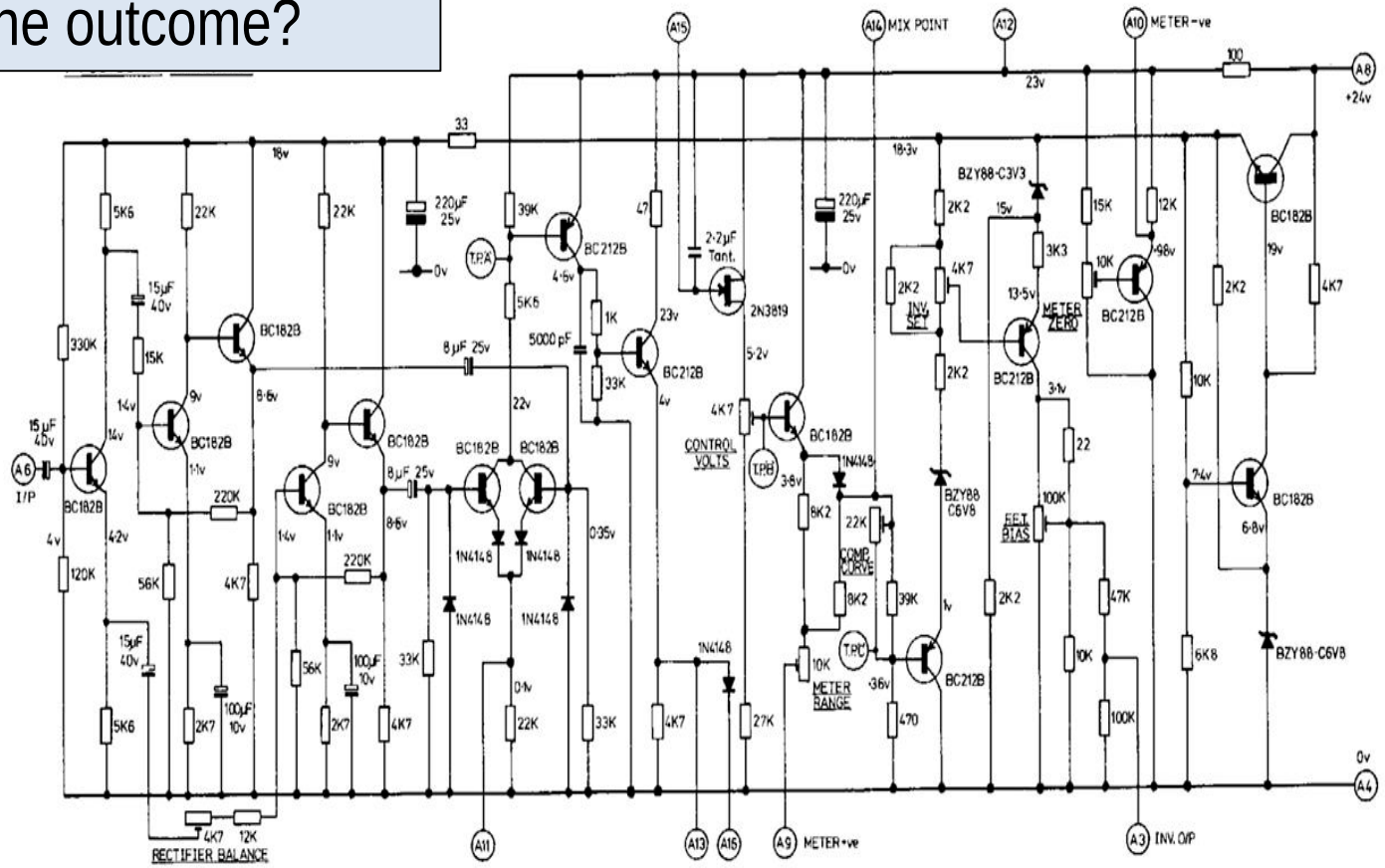


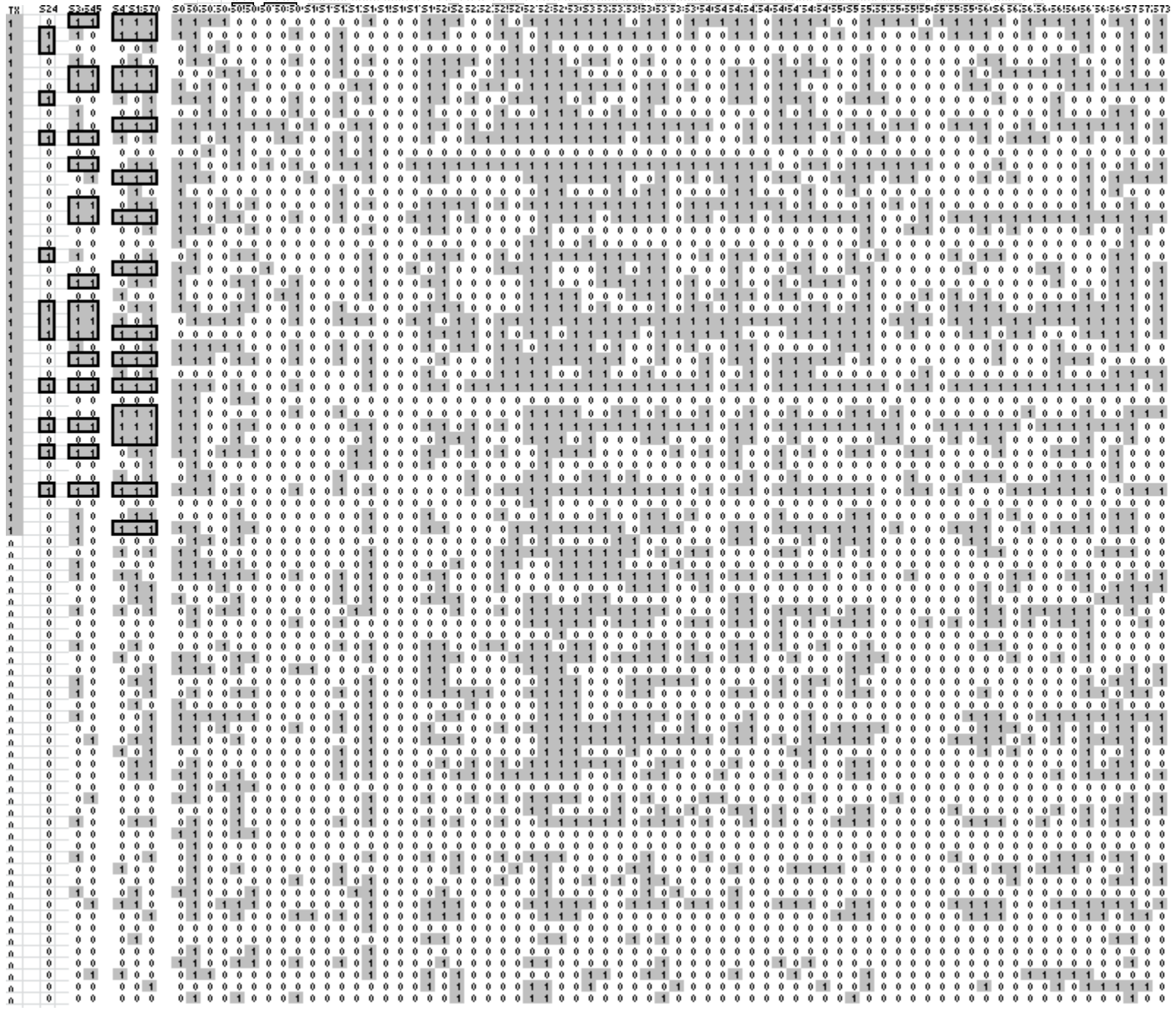
Rogal *et al.* (2019) *Implementation Science*

Configurational Comparative Methods (CCMs)

What combination of strategies will produce the outcome?



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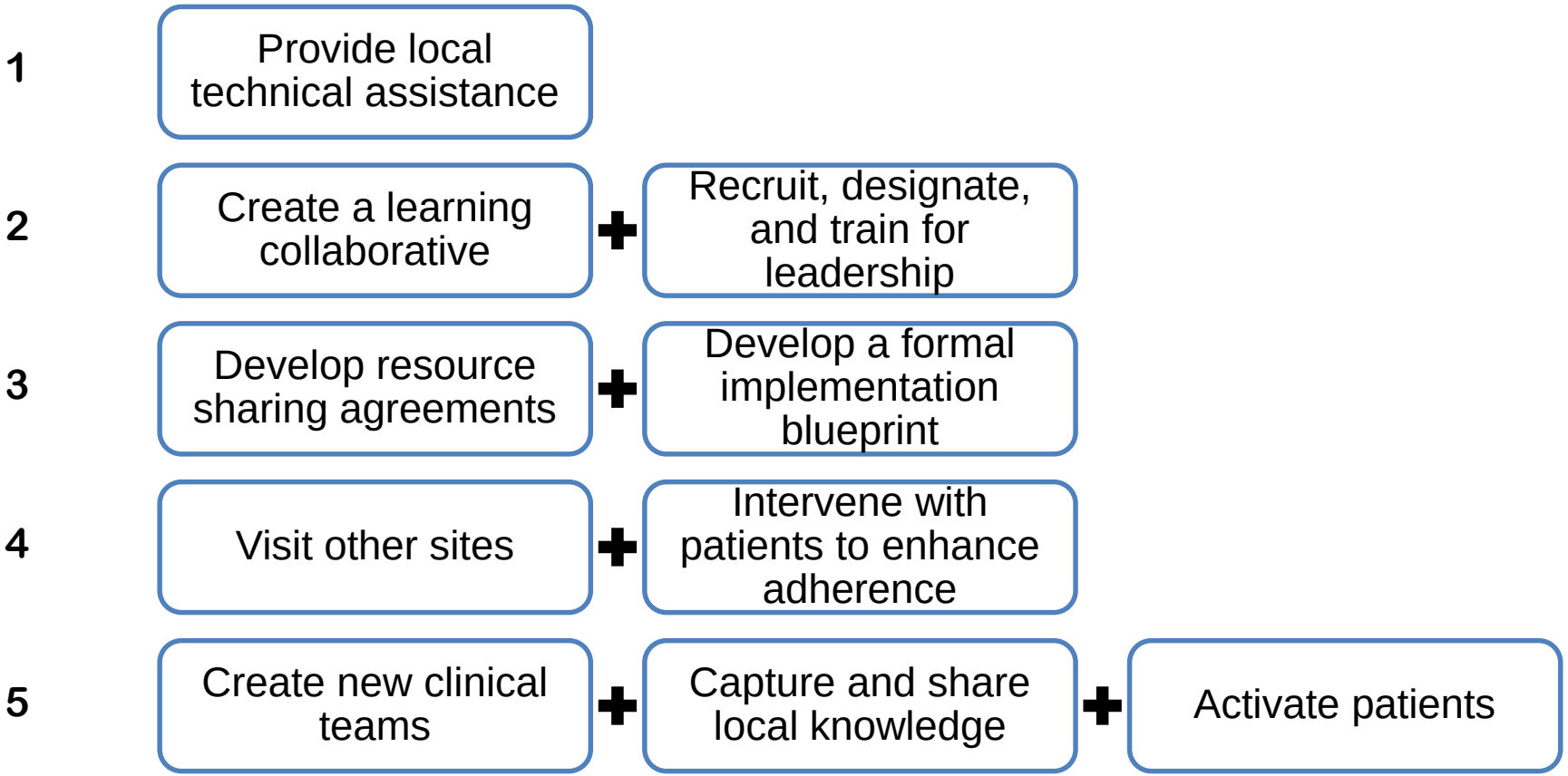
Strategy configuration were associated with successful implementation



Yakovchenko *et al.* (2020) *Medical Care*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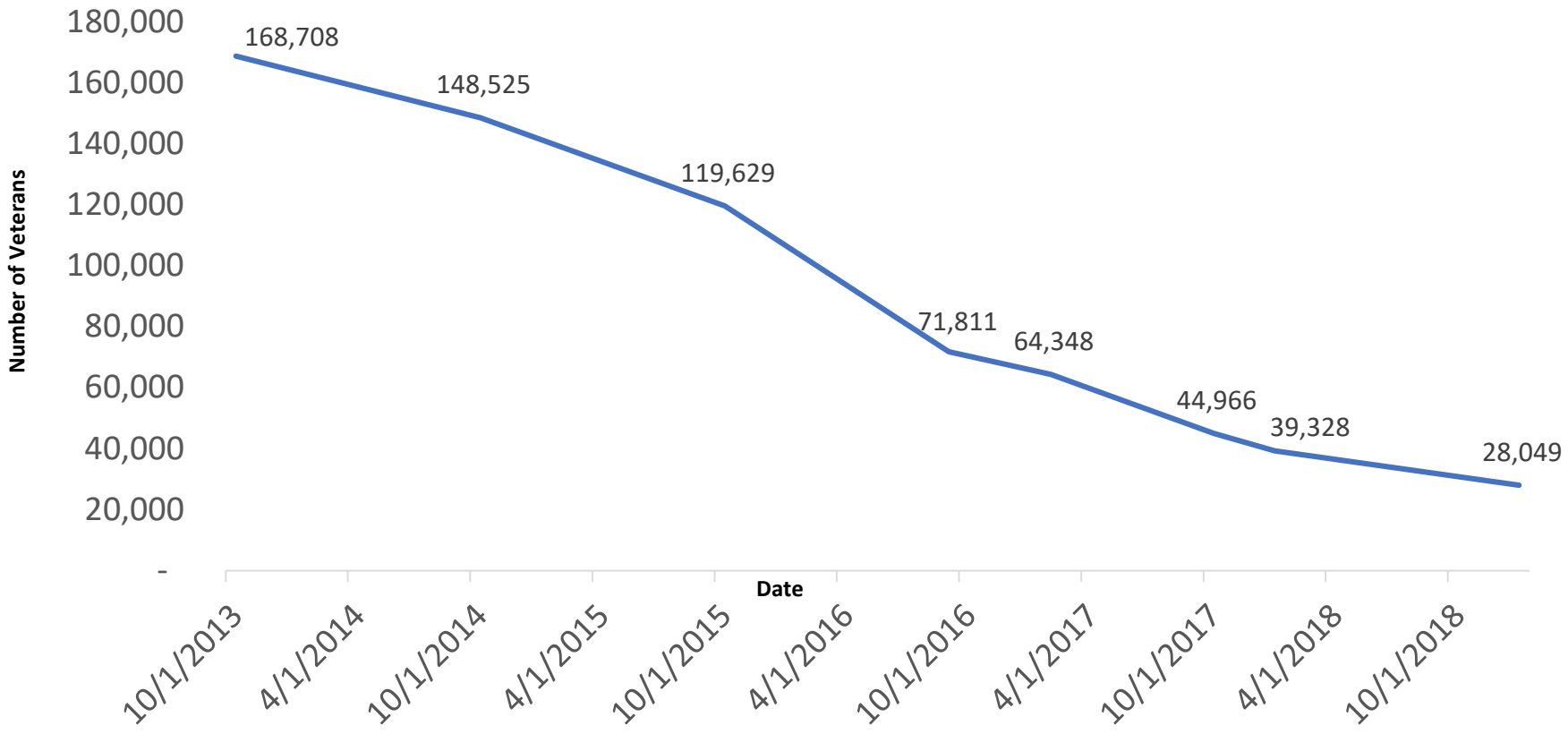
POSSIBLE

Veterans with HCV Viremia



Elimination strategies

Planning

Set SMART goals

Engage leadership and other stakeholders in planning

Funding

Capacity

Involve PCPs

PharmDs

Logistics

Use data tools

Integrate into the workflow

Study and improve processes

Ward J. Gastroenterology 2019

Feld AASLD HCV SIG talk 2020

Thank you

- Vera Yakovchenko
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