

# VALUE-BASED HEALTHCARE CONFERENCE 2024

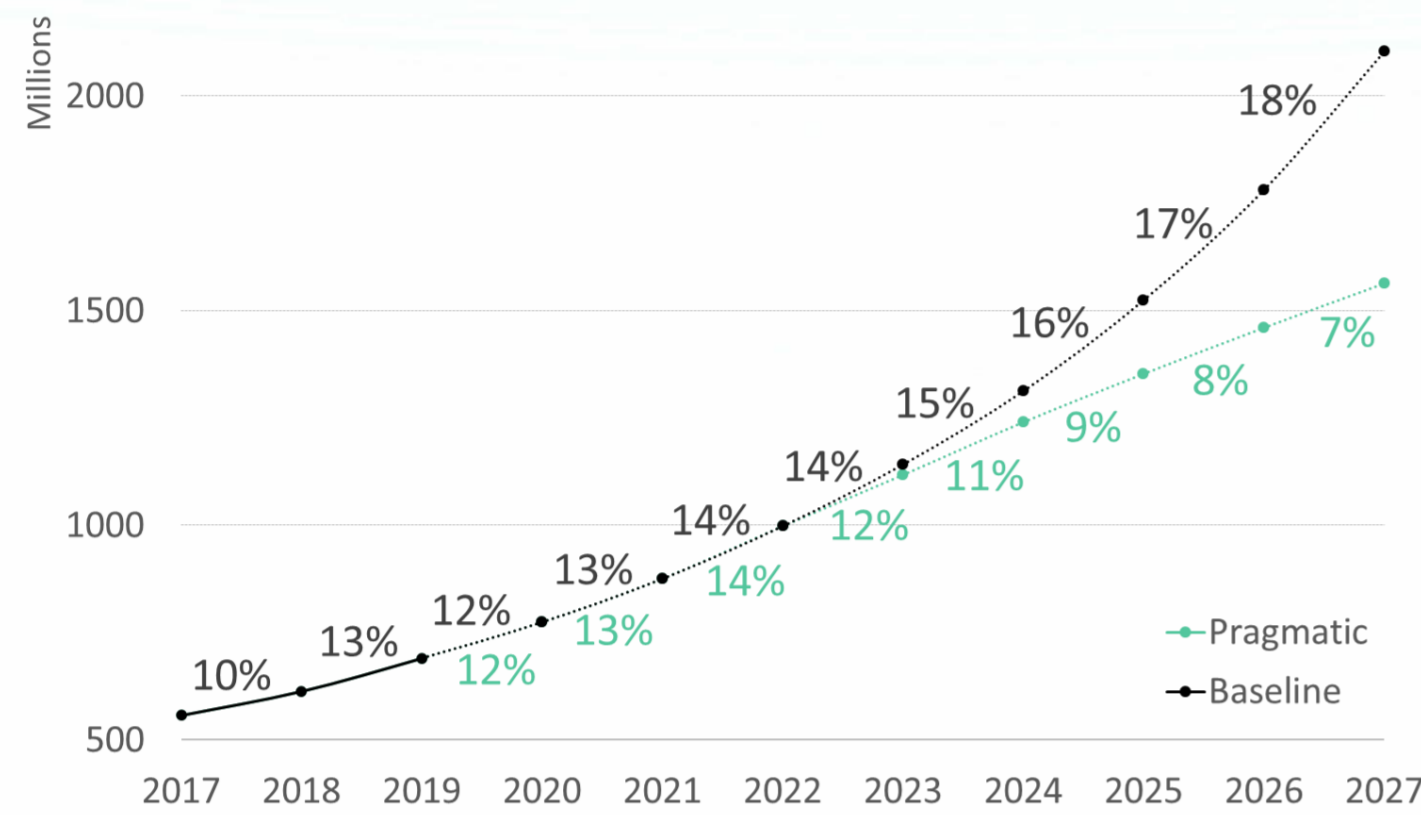
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## Moderating the Increase in Drug Spending via Data-driven Practice Change

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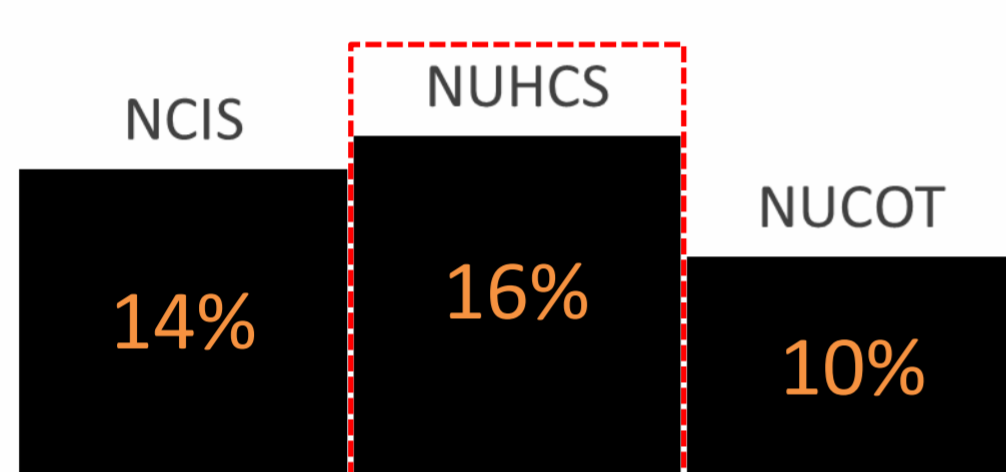
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### Background<sup>1</sup>

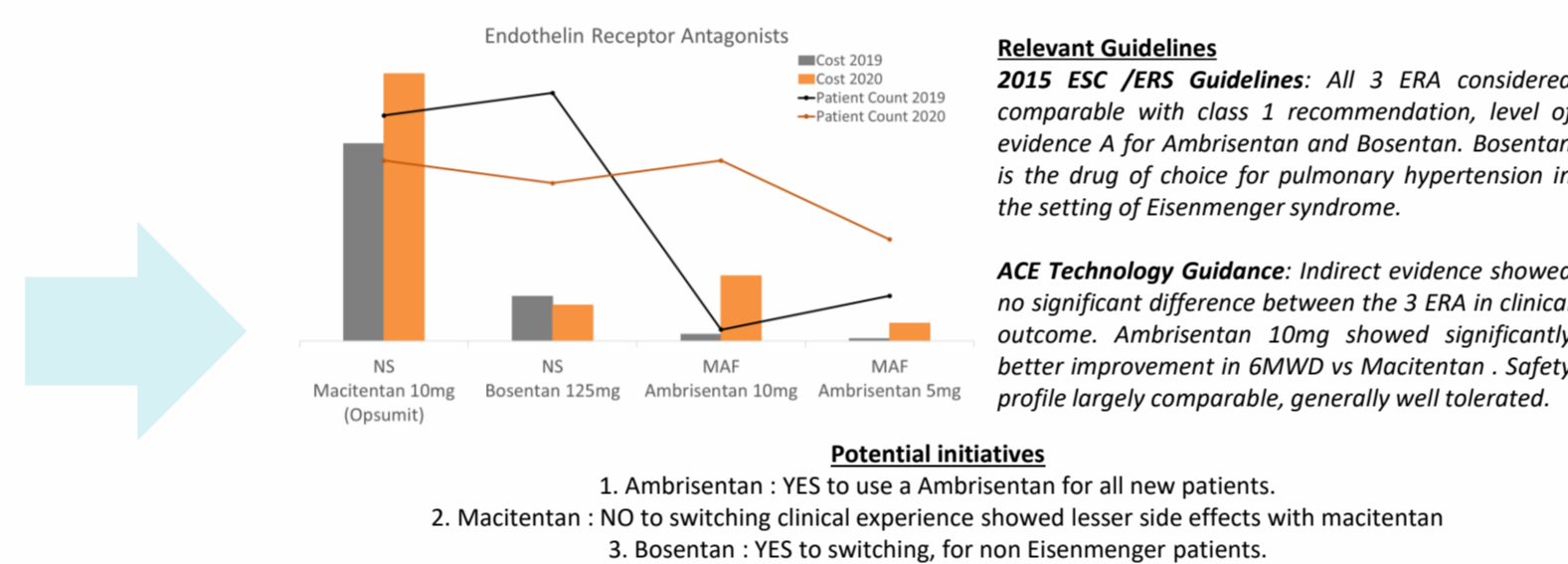


- Analysis performed by Agency of Care Effectiveness (ACE) in 2021 showed unsustainable growth for drug spending in public sector at CAGR of 11%.
- “Baseline” forecasts drug spending will hit S\$2.1B in 2027
- ACE suggested “Pragmatic” approach to moderate the growth to annual CAGR of 7% by 2027.

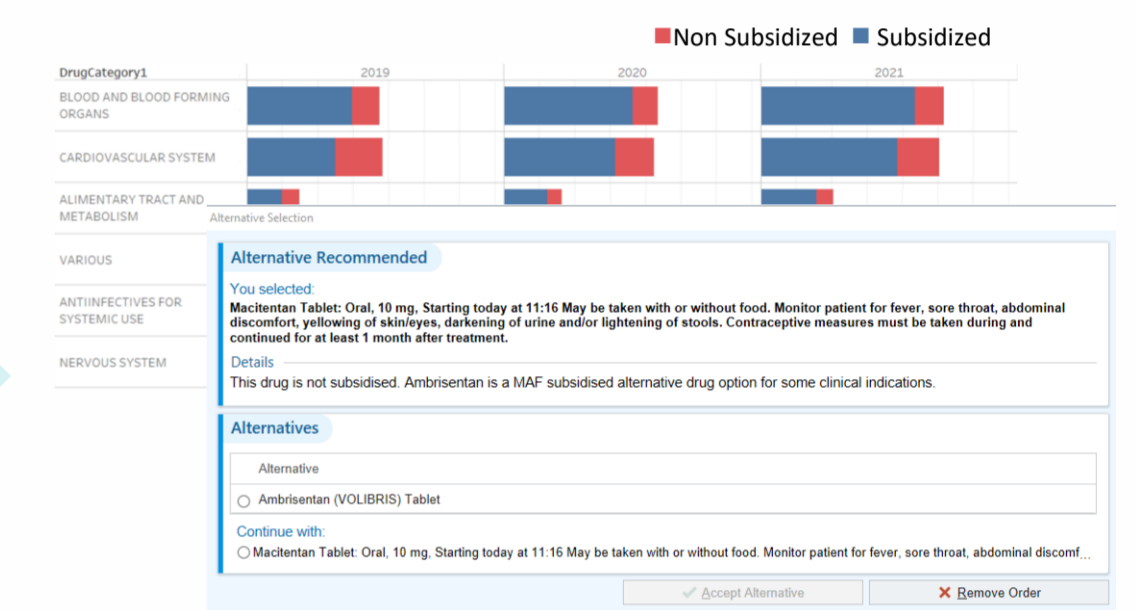
### Methodology



National University Heart Centre (NUHCS) has highest drug spending by CAGR<sub>2019-2021</sub>

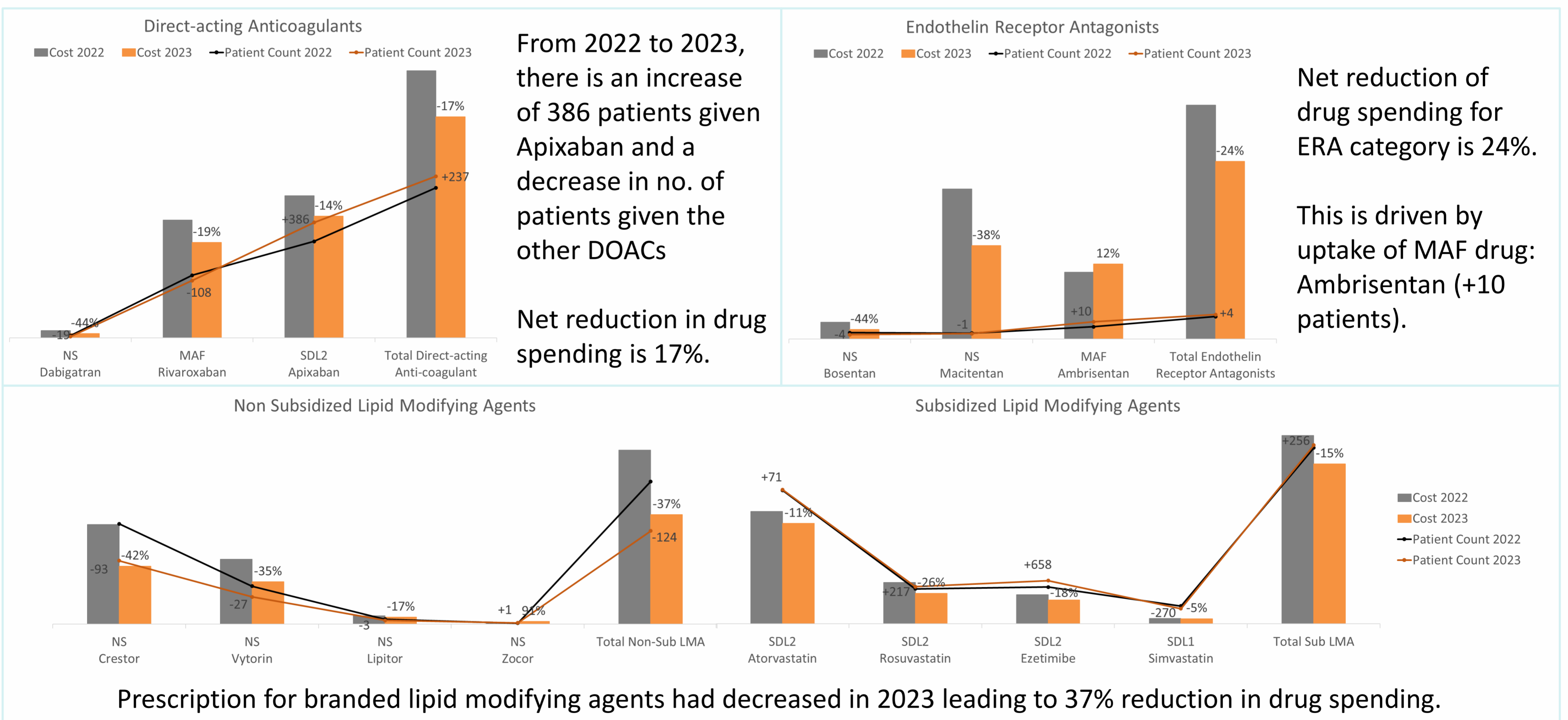


Data sharing and creating awareness (June 2022)



Implementation & monitoring

### Result



### Conclusion

Collaboration between clinicians, pharmacists and data analyst is pre-requisite for successful slowing of drug spending via data-driven practice change. The methodology applied in NUHCS is generic and can be extended to whole NUHS cluster.

### Reference

<sup>1</sup>Economic Modeling and Outcomes Evaluation, ACE PS-CEO meeting, 2 Feb 2021.