

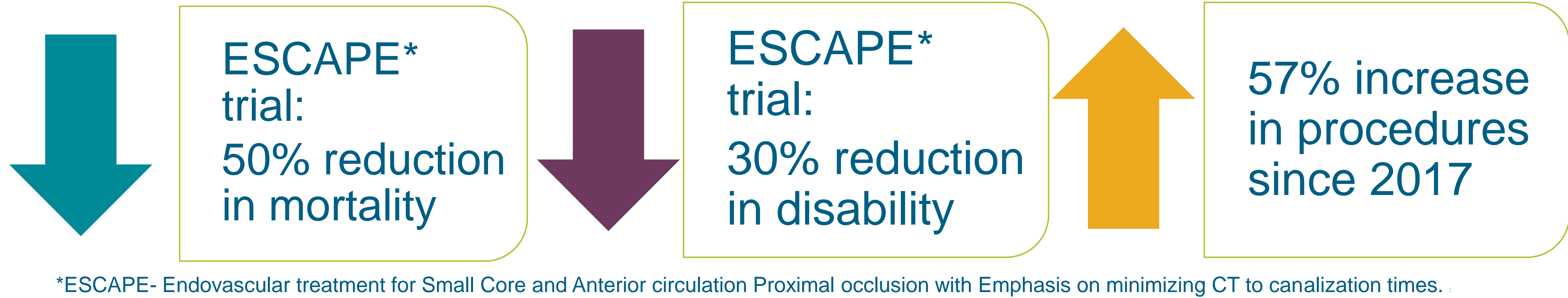
ENDOVASCULAR THERAPY: SYSTEM VALUE & IMPACT

Endovascular Therapy for stroke (EVT) is now the standard of care, led through the work of Alberta's Cardiovascular Health and Stroke Strategic Clinical Network™

Quick Facts:

Two comprehensive stroke centres and 15 primary stroke centres in Alberta.
Cost avoidance for the health system as result of EVT:
\$42,287 per patient/annually
Calculations based on 90 day home time measure (EVT Evaluation report 2017-2018, Q1 2018-2019)

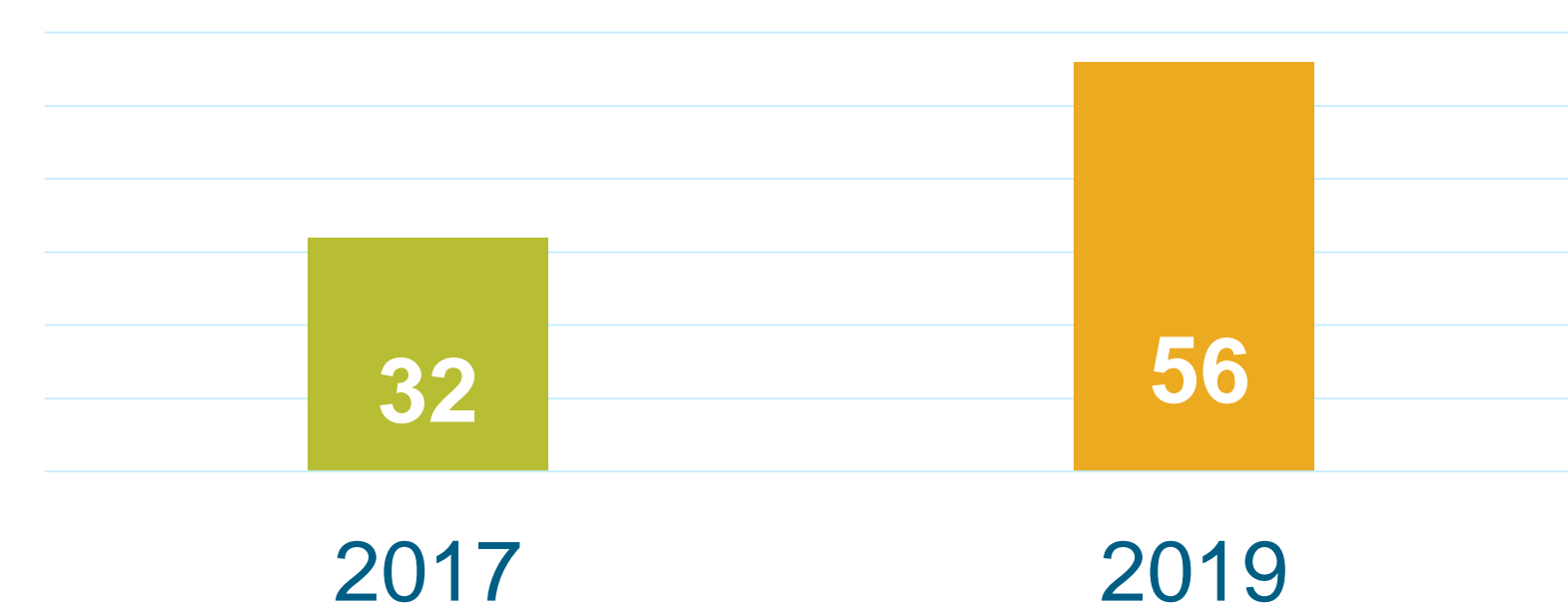
Outcomes:



2017

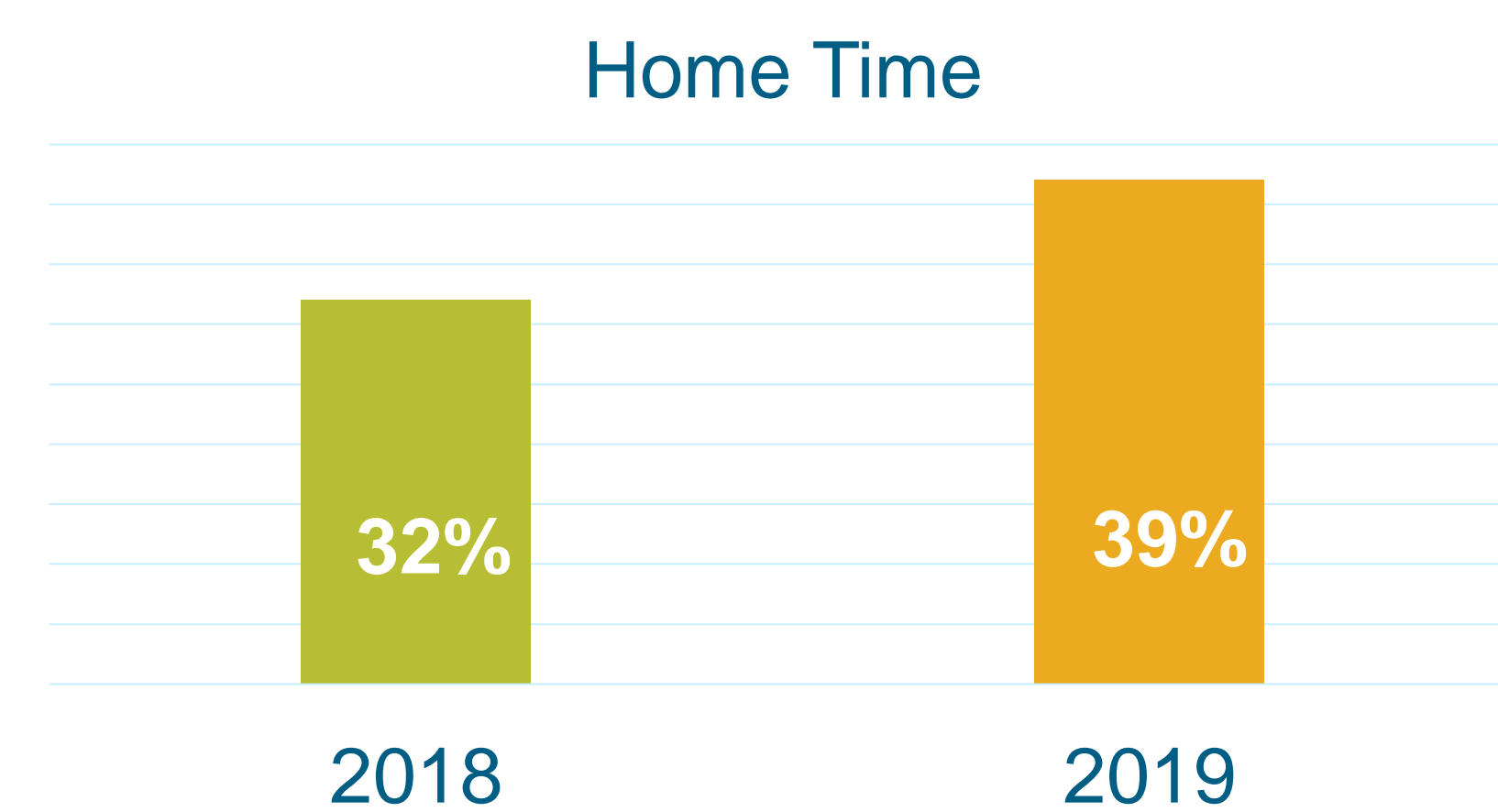
EVT procedures: 187
Total projected # of procedures = 301:
\$3.2 million approved for increase in EVT procedures for University of Alberta Hospital, Foothills Medical Centre, and Diagnostic Imaging.

Rural zone volume increased: The Endovascular Reperfusion Alberta Initiative launched April to increase access across AB.



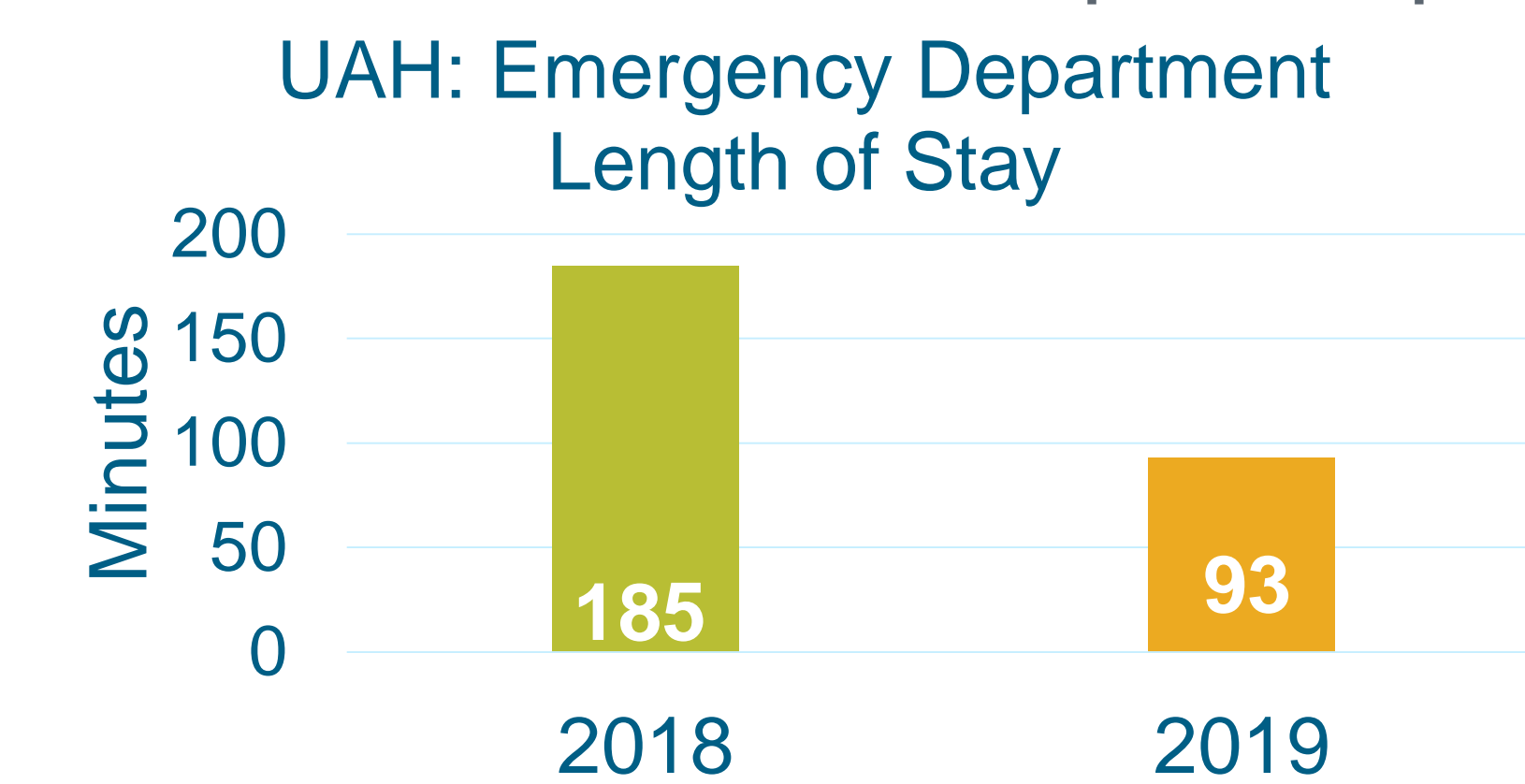
2018

EVT procedures: 246
Home time increased: EVT patients spend 70+ days at home in the 90-day period following admission without an increase in care.



2019

EVT procedures: 293
Expanded window feasibility assessment commissioned by Provincial EVT committee is completed.
Emergency Department length of stay decreased: Stroke resource nurse in ED improves patient flow.



Time Window Expansion

New Evidence: Dawn*, Defuse 3*
Canadian Stroke Best Practice Recommendations:
Time window expansion

2020: Forecasting model, understand operational impact and needs, ROI.

*Dawn -Clinical mismatch in the triage of wake-up and late presenting strokes undergoing neurointervention with Trevo.
*Defuse - Endovascular therapy following imaging evaluation for ischemic stroke.



Feasibility assessment:
Themes from 64 consultations across all zones in AB.

