

**Effects of Advanced Trauma Life  
Support<sup>®</sup> Training Compared to Standard  
Care on Adult Trauma Patient Outcomes**  
A Cluster Randomised Trial

# Aim

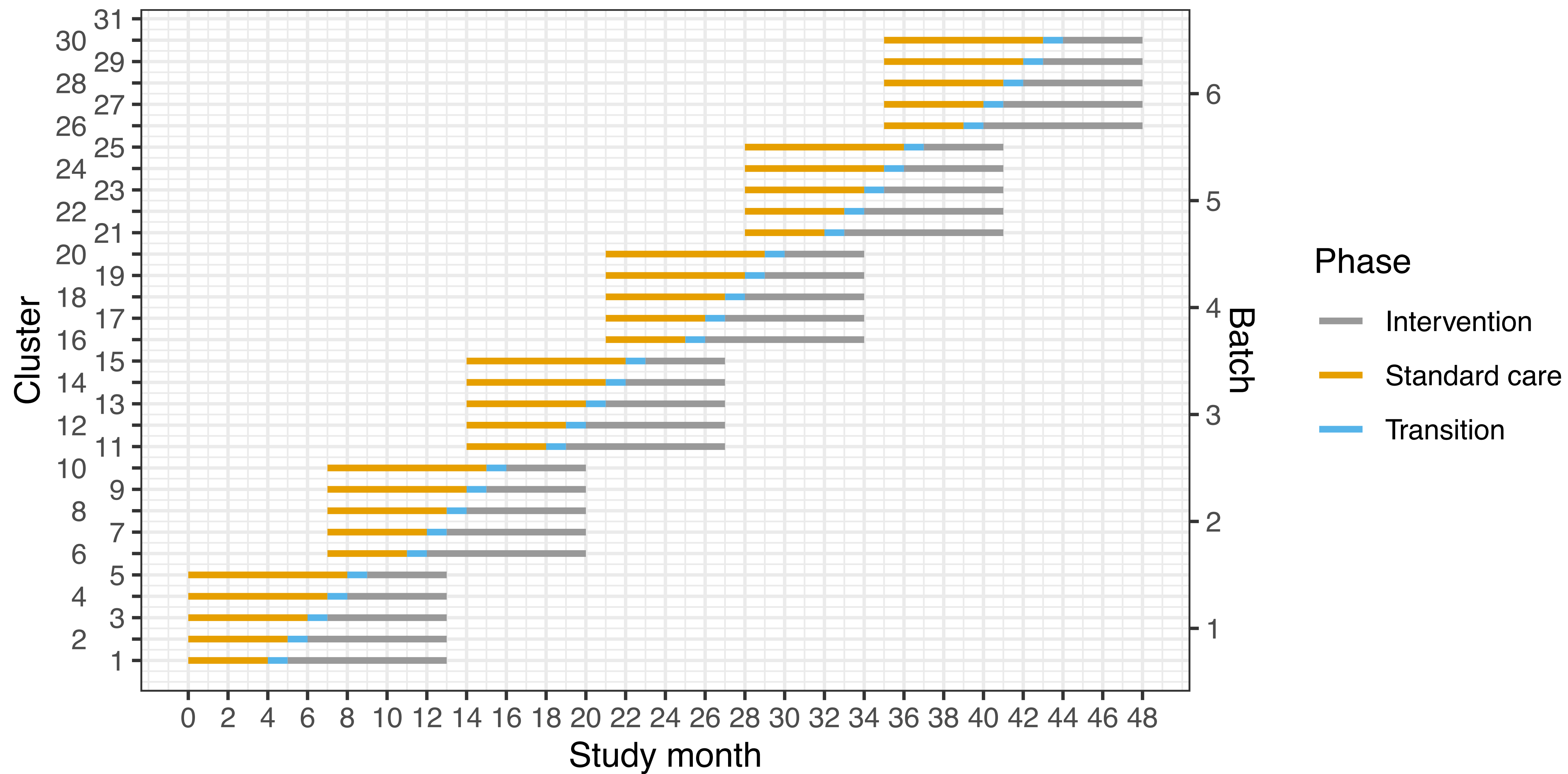
To compare the effects of ATLS® training with standard care on outcomes in adult trauma patients

# Design

Batched stepped-wedge cluster randomised controlled trial in 30 hospitals across in India

# Power & Sample Size

With 30 clusters and a total sample size of 4320 patients our study has ~90% power to detect a reduction in 30-day in-hospital mortality from 20% under standard care to 15% after ATLS® training.



# Estimated Cost

11.7 million SEK

# Granted Amount

5 million SEK

# What Does This Mean?

- 42% funded
- 100% coverage year 1
- 33% coverage year 2-3



# Our Options

- Adapt study to fit granted amount (fewer hospitals, different design)
- Continue as planned with an optimised design and apply for more funding

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# KI Responsibilities

- Trial sponsor, overall responsibility
- Draft Research Collaboration Agreement (money) and Joint Controller Agreement (data)
- Draft trial protocol
- Store trial data
- Conduct analyses

# TGI Responsibilities

- Contribute to drafting the trial protocol
- Coordinate trial activities in India
  - HMSC application
  - Help enrol centres
  - Ethical approvals
  - Data collection
  - Coordinate ATLS training
  - Trial monitoring and auditing

# Next Steps

- Finalise study protocol (weekly meetings in December)
- Write and sign agreements
- Apply for HMSC approval
- Identify first batch of hospitals
- Apply for ethical approvals
- Identify additional funding opportunities (ICMR?)