

Cost-effectiveness of the Transmural Trauma Care Model (TTCM)

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Objective

To assess the cost-effectiveness of the Transmural Trauma Care Model (TTCM) in a multicenter trial

Conclusion

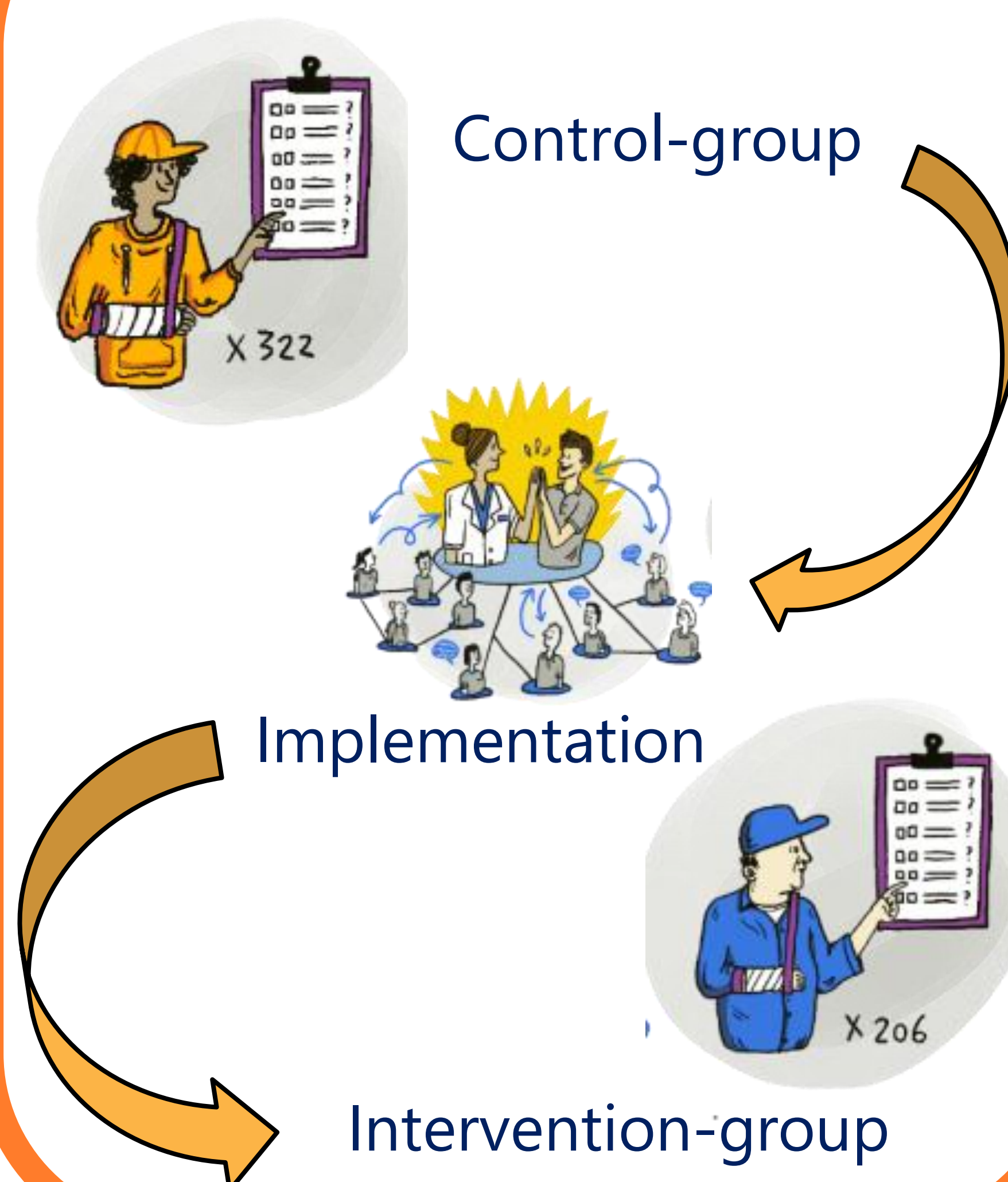
TTCM improves trauma rehabilitation, is cost-effective, and succeeds through local ownership and stakeholder involvement.



Introduction

- **Rehabilitation** of trauma patients is **challenging**
- **No guidelines**, fragmented care
- Amsterdam UMC developed the **Transmural Trauma Care Model (TTCM)**
- **Aims:** improve functional outcomes, reduce healthcare and productivity costs
- **Focus:** optimize organization, content, and quality of rehabilitation

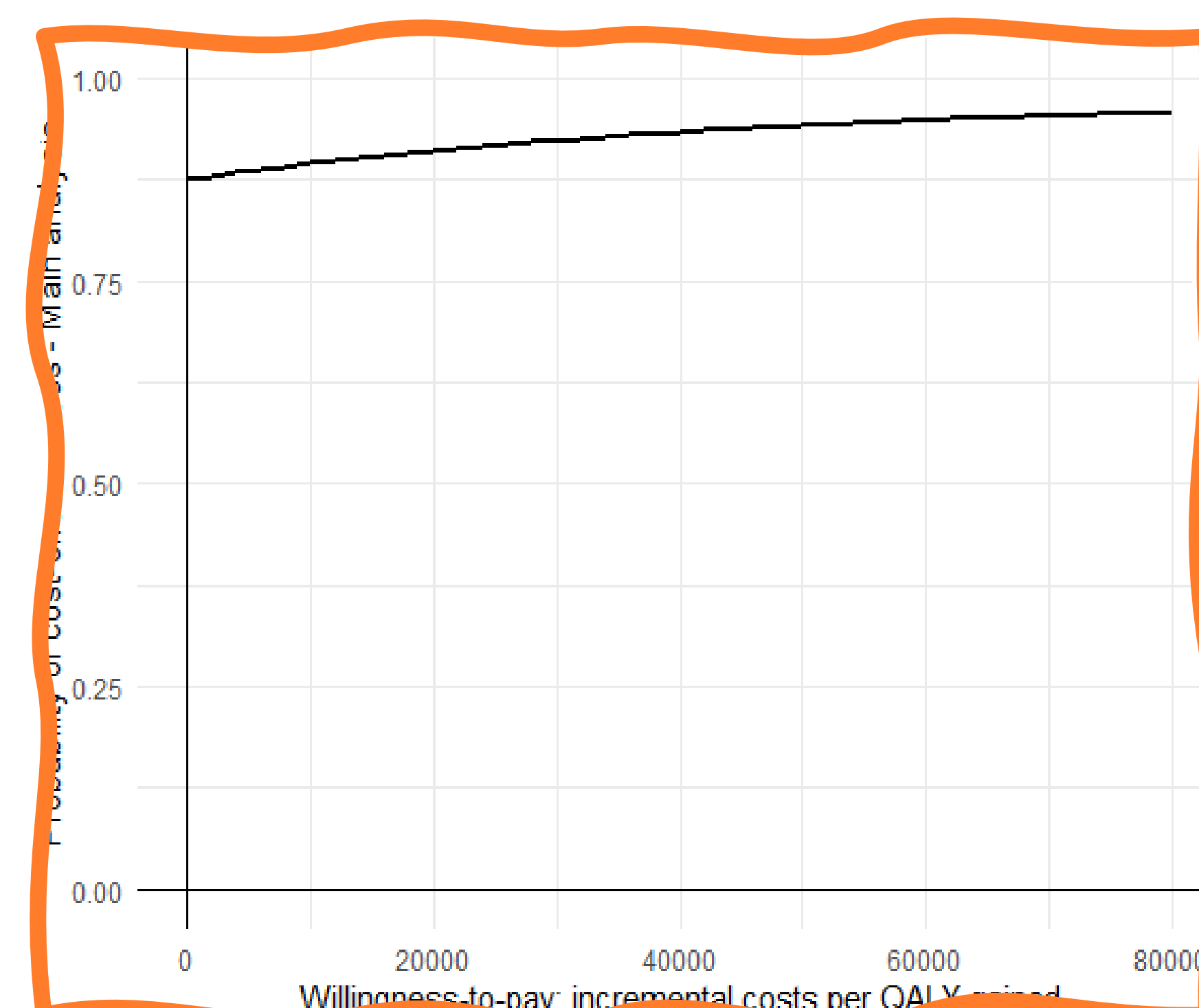
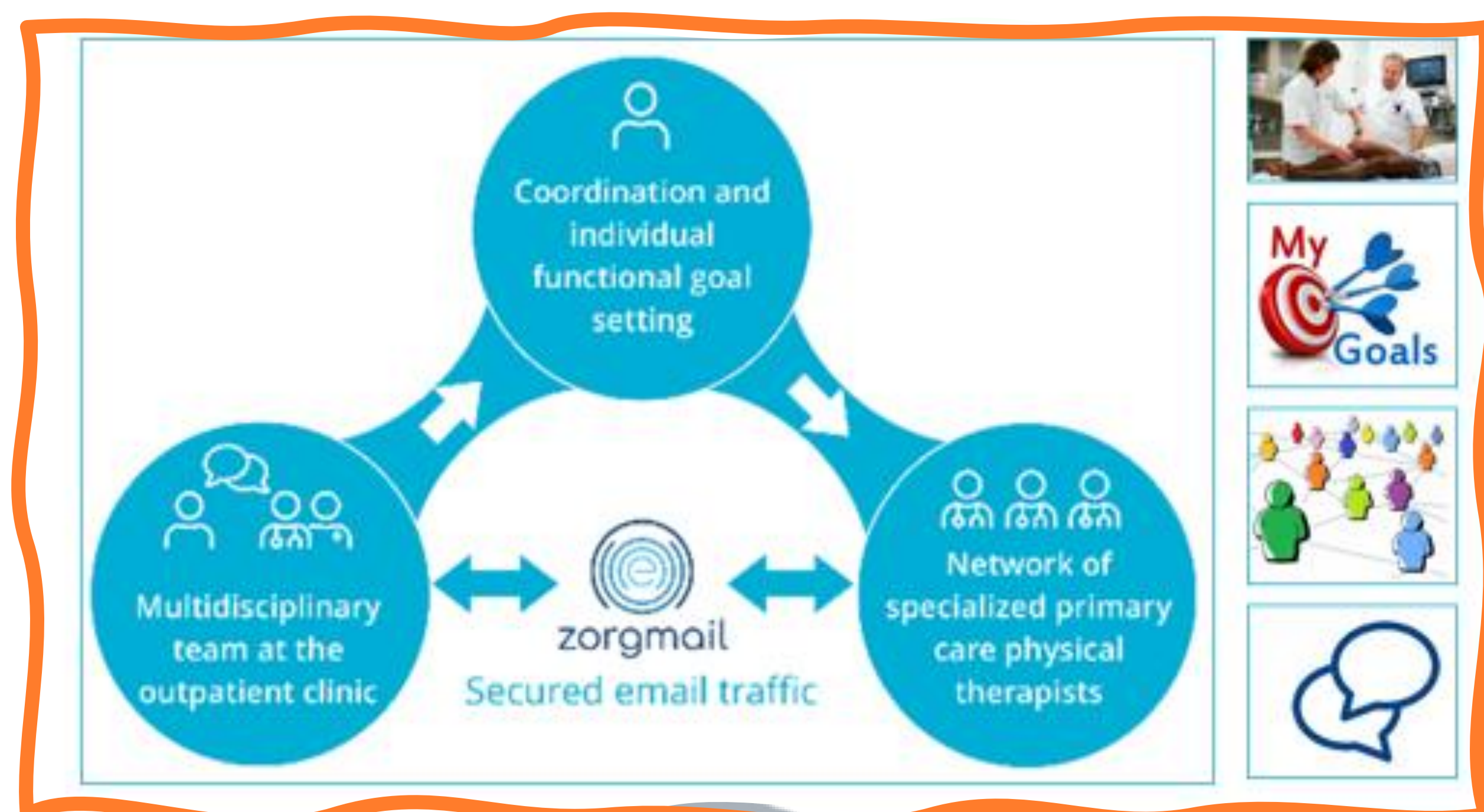
Methods



Results

TTCM reduces costs and shows high probability of cost-effectiveness

- Lower unadjusted costs in all categories (intervention)
- Adjusted: €1553 less per patient (societal), €875 less per patient (healthcare)
- High probability of cost-effectiveness, independent of willingness-to-pay



Conclusions & Implications

- TTCM improves functional outcomes for trauma patients
- Cost-effective, supporting wider implementation
- Successful implementation requires local ownership and active stakeholder involvement



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