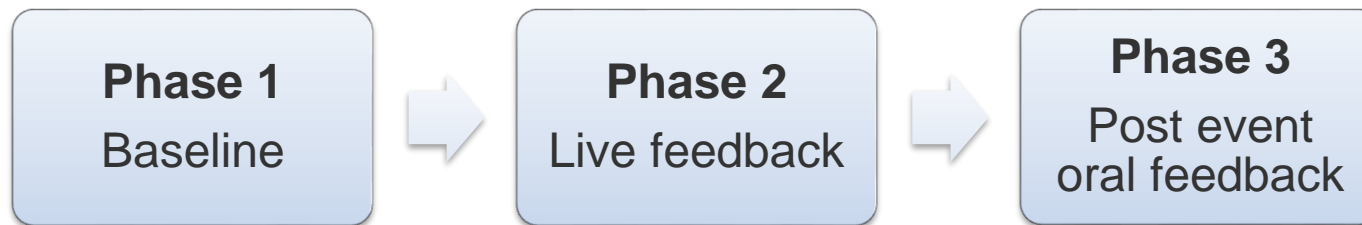


# Improvement of CPR quality among emergency medical service providers in Out-of-Hospital Cardiac Arrest

# Aim

To investigate CPR quality performed by EMS and investigate if this performance can be improved by implementing live and post event feedback.

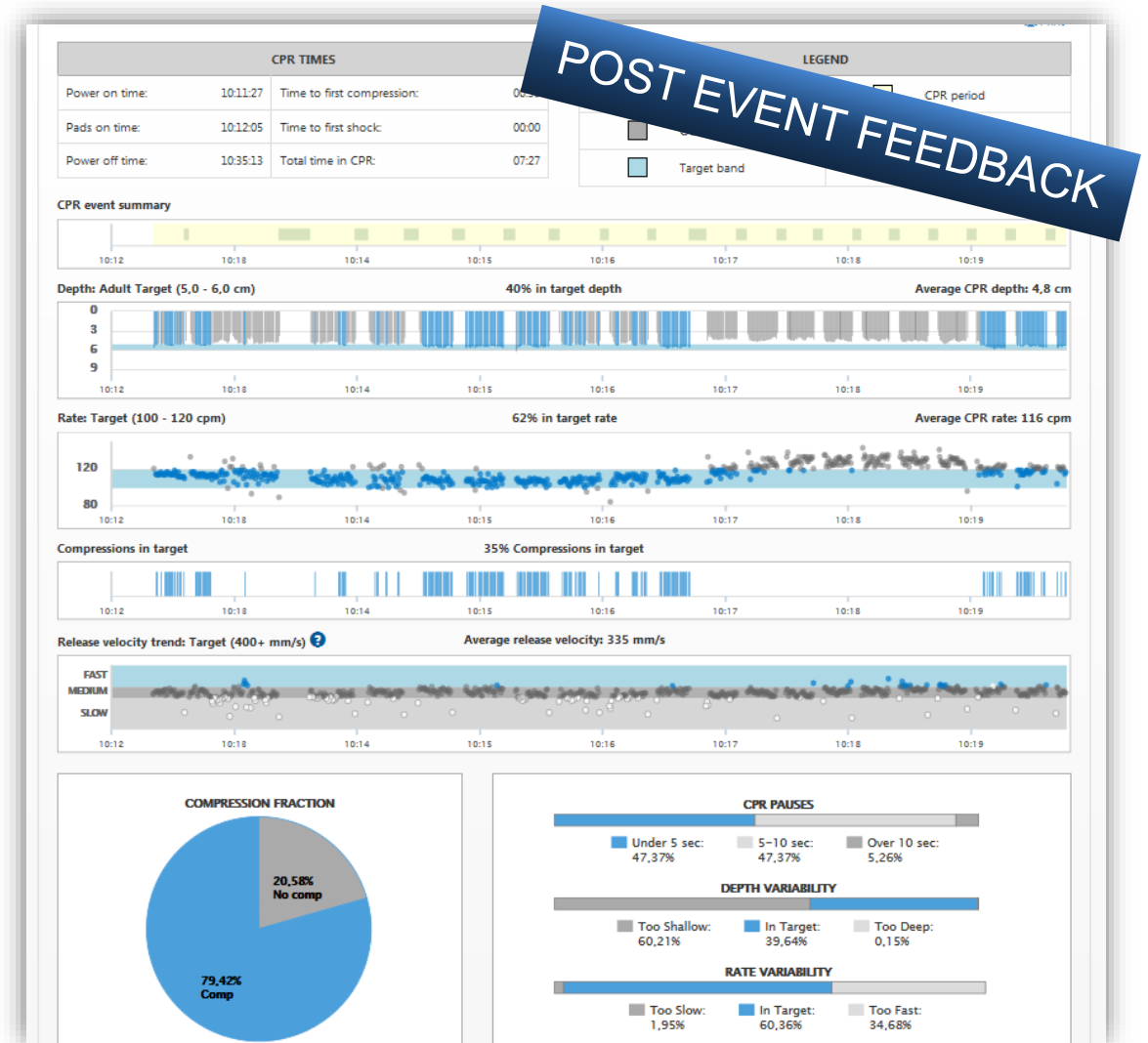


# Progress

- Applied for funding (Trygfonden og Laerdal) → Full funding - Trygfonden
- Implementation of Zoll X series in Copenhagen EMS → Completed
- Historical data / baseline → Baseline commenced 1/10 18
- Part of a PhD in collaboration with Kingston University
- First Danish paramedic in a PhD student position within EMS



# The feedback



# Challenges

Gathering data (approx. 25% missing)

Patient identification (approx. 50% missing unique patient ID number)

Technical limitations in data / bias



## What's next (3-6 months)

Maintain and improve dataflow and compliance

Setting up automatic data-import from 3 different sources (CAD, PPJ, CR)

Training of all EMS in Copenhagen in optimal use of live feedback

Reconfigure all devices to show live feedback

Phase 2 data gathering



## Project support

# TrygFonden

