



London Ambulance Service



NHS Trust

# Ambulance Service Cardiovascular Quality Initiative (ASCQI) Project



# Clinicians Improving Care

- LAS crews identifying ways to improve the delivery of pre-hospital care for cardiovascular disease.
- Stroke
- Acute Myocardial Infarction (AMI)
- Secondary aim
  - to encourage the use of quality improvement methods by ambulance clinicians.

# 'Care Bundle' Approach

## Suspected AMI

- Aspirin
- Glyceryl trinitrate
- Pain score (before and after treatment)
- Analgesia (Entonox and/or Morphine)



## Suspected Stroke

- Face-arm-speech-test (FAST)
- Blood Glucose test
- Blood pressure recorded



# Project Aims

## National objectives

To improve the delivery of care bundles from **43%** (AMI) and **83%** (Stroke) to at least **90%**.

## LAS objectives

To improve the delivery of care bundles from **47%** (AMI) and **93%** (Stroke) to at least **95%**.

# Quality Improvement Methods

## Process Mapping



## Cause and Effect Fishbone Diagram



# Next Steps...

- Force Field Analysis
- Plan-Do-Study-Act Cycles
- Testing and refining ideas at Pinner Complex
- Roll out to the whole service....

