



**Scottish  
Ambulance  
Service**

*Taking Care to the Patient*



# Stroke culture in the Scottish Ambulance Service

Craig Henderson  
Stroke Improvement Manager



Where we were...

A stroke improvement  
project for the ambulance  
service?

Fabulous, tell me about it!



Where we are...



Where we're going...

# In the past...

- 999 call for someone that wasn't well
- Have a chat and decide they had maybe had one of those strokes
- High flow oxygen regardless of SpO2 levels
- A wee trip into hospital for a check-up

# Currently...

- 999 call, 18min max response for 28C04 (stroke)
- Consider stroke, rule out possible mimics, (BM)
- Perform **F.A.S.T.** Test
- Treat as time-critical
- Pre-alert ED
- Rapid transfer to hospital

# In the future...

- Enhanced telephone triage

Work with colleagues in ACC

Introduce **F.A.S.T.** knowledge and understanding training

Assess effectiveness of 'Amber' response (18mins)

# Our crews will...

Operate to one standard pathway ensuring highest level of care throughout the country

Aim to achieve full pre-hospital bundle compliance

Ensure minimum time on scene



# Pathway & Pre-hospital bundle

Suspect stroke?

Record BM

Perform **F.A.S.T.**

Record accurate  
event times

**PRE-ALERT**

Measure & record  
BM

Perform **F.A.S.T.**

Record accurate  
event times

**PRE-ALERT**

# Pre-alert:

- Age
- Sex
- FAST +
- Onset time
- GCS
- ETA

(open to local interpretation  
through stroke MCN)

## IMPROVED PATHWAYS WITH ROBUST AUDITING IN PLACE

DEDICATED STROKE  
LEADS IN EACH DIVISION

MEMBERSHIP OF LOCAL STROKE  
MCNS



AMBULANCE SPECIFIC  
MANDATORY STROKE  
TRAINING IN  
COLLABORATION WITH  
CHSS

INCREASED AWARENESS  
OF STROKE & THE  
CRUCIAL ROLE WE PLAY IN  
IMPROVING OUTCOMES

## SCOTTISH AMBULANCE SERVICE STROKE IMPROVEMENT PLAN

# Thoughts and questions?

Remember, think **FAST**,  
we do!!

[craighenderson@nhs.net](mailto:craighenderson@nhs.net)