AF ADVANCE Programme
East Midlands

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Heart Rhythm Congress
2nd October 2017
Our aim:
To prevent avoidable strokes by improving diagnosis and management of AF

• Building on success
• Our current challenge: Detect and Protect
• Our ambition and a system-wide response
System Wide Collaboration

IMPROVING PATIENT OUTCOMES AND EXPERIENCE

NIHR CRN EM
EMAHSN
NIHR CLAHRC EM
EM CNs
HEE EM
EM Clinical Senate
Public Health England East Midlands
East Midlands Councils
EMLA
AF ADVANCE: Our Approach

**Innovation** – Novel technology to expedite early identification of patients with AF

**Improvement** – reducing unwarranted variation across care across all CCGs – in detection rates and optimization of treatment. Supported by the **AF Clinical Template**

**Education** – develop clinical ambassador roles in CCGs to secure local ownership and drive sustained improvements in AF. Supported by structured evidence based **GP up-skilling programme**
GP up-skilling in AF

1. Cardiology USP Project - ‘up-skilling for Sustainable Prevention’

Improve outcomes for patients by facilitating evidence based guidance in primary care
Dr Yassir Javaid, GPwSI in Cardiology
4 x 3 hour upskilling workshops
   Atrial Fibrillation
   Heart Failure
   ECG/Echo interpretation
   Exam and refresher session
At least one GP per practice to cascade learning

2. CCG Protected Learning Time Sessions
3 hour workshops on AF

Delivered in 12 CCGs:
- Leicester City CCG
- West Leicestershire CCG
- East Leicestershire CCG
- Hardwick CCG
- North Derbyshire CCG
- South Lincolnshire CCG
- East Lincolnshire CCG
- South West Lincolnshire CCG
- Nene CCG
- Corby CCG
- 2017 – Rushcliffe CCG & Nottingham North & East CCG
- Newham CCG (RCGP accredited)
Outcomes

One year outcomes following the delivery of the up-skilling programme in Leicester City CCG an additional:

- **441** additional AF patients were diagnosed (12.5% increase)
- **17.5%** reduction in anticoagulation exception reporting
- **16.5%** increase in anticoagulation of high risk AF patients.
- **5.1%** reduction in stroke admissions of 5.1%
% of patients with Atrial Fibrillation with a record of a CHA2DS2-VASc score of 2 or more, who are currently treated with anticoagulation drug therapy

March 2016

East Midlands = 80.3%

England = 77.9%
Evidence Based AF Clinical Template

• Facilitates translation of guidance into front line practice with guidance integrated into template
• Reinforces upskilling and provides a single resource for GPs in managing AF
• Covers initial assessment, rate or rhythm control as well as anticoagulation
• Includes patient decision aid tools and East Midlands CN NVAF anticoagulation template
• Allows anonymised remote review of clinical template by local clinical champion to provide feedback to GPs and reinforcement of up-skilling
• SystmOne and EMIS-Web
• Implemented in CCGs in East Midlands and England
Atrial Fibrillation Assessment

How was the diagnosis made?

a) a new diagnosis through targeted screening eg flu clinic
b) a new diagnosis in a symptomatic patient eg palpitations
c) previously known to have atrial fibrillation

Diagnosis made: [ ]

Consent

Consent given to share patient data with specified 3rd party [ ]
Declined consent to share pt data with specified 3rd party [ ]

Diagnostic Confirmation and Type of AF

ECG Confirmation (no P waves and irregular QRS)? [ ]
Type of AF [ ]

Clinical Notes

Clinical observation: symptoms and signs [ ]
BP [ ] mmHg
Pulse rate [ ] bpm
Rhythm [ ]
(Measure pulse manually for one full minute at rest)

Investigations

Please request FBC, biochemistry inc TFT, on all patients and BNP if suspected heart failure
Laboratory findings [ ]

New Electronic Pathology/Radiology Request [ ]
Echocardiogram requested [ ]

An echocardiogram may not be required in all cases. Refer for an echo if any of the following:
1) suspected structural heart disease (e.g. suspected HT, raised BNP, suspected valvular disease)
2) patient < 75 yrs
3) patient referred for assessment for rhythm control

Assessment Complete

Assessment Complete [ ]
EMAHSN: Transforming the health of 4.6m East Midlands residents and stimulating wealth creation
www.emahsn.org.uk

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