



Detecting AF

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AHSN / HRC 2016

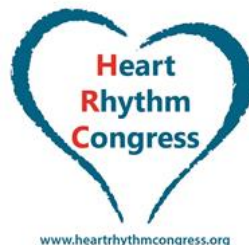
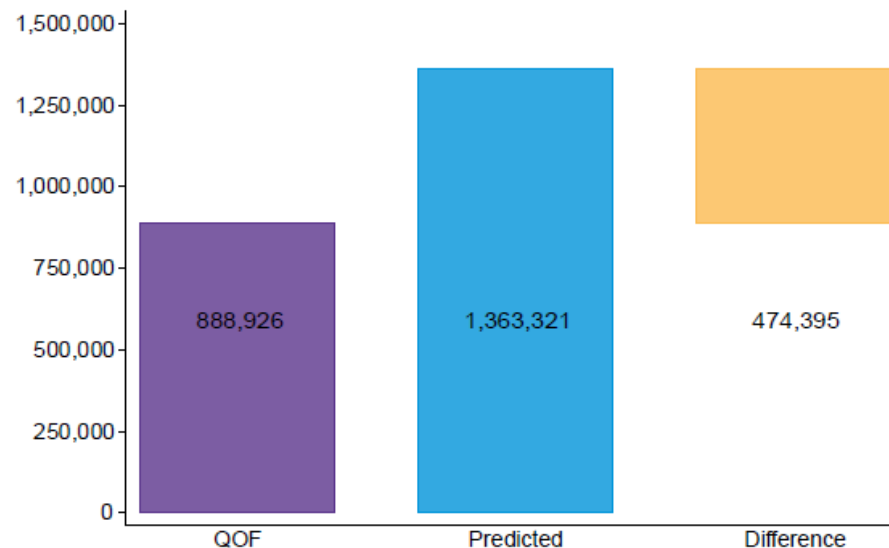


There are 1.4 million people with AF in the UK

Detection of AF in England

Source: QOF 2013/14; NCVIN 2015

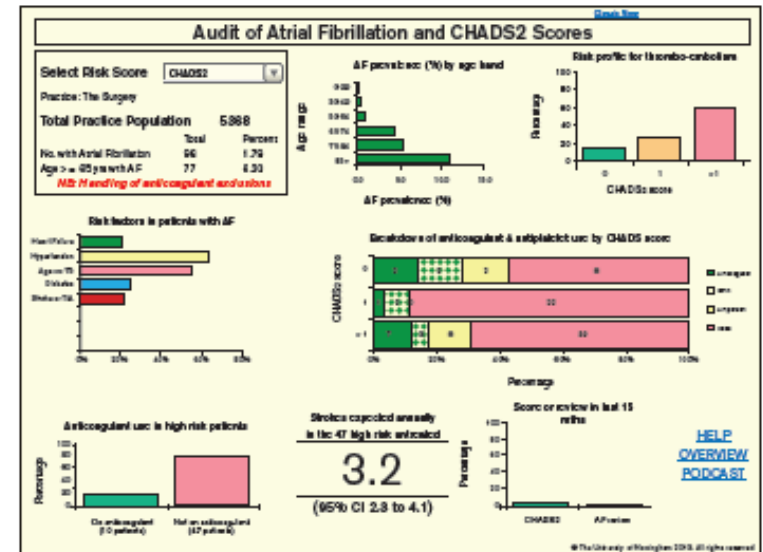
1.4 million people in England are estimated to have atrial fibrillation (AF) (2.4% of the adult population).



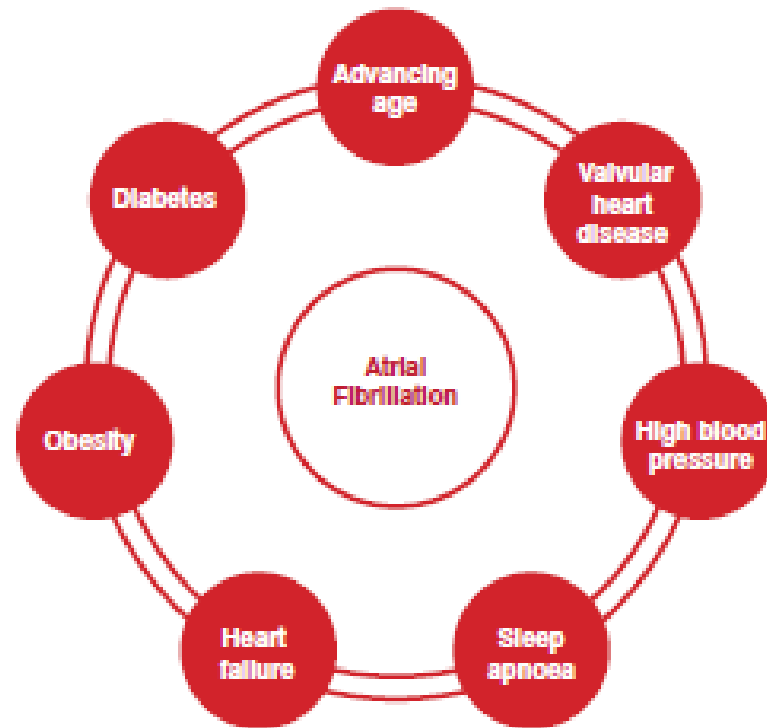
Source : Stroke Association

The 'missing'

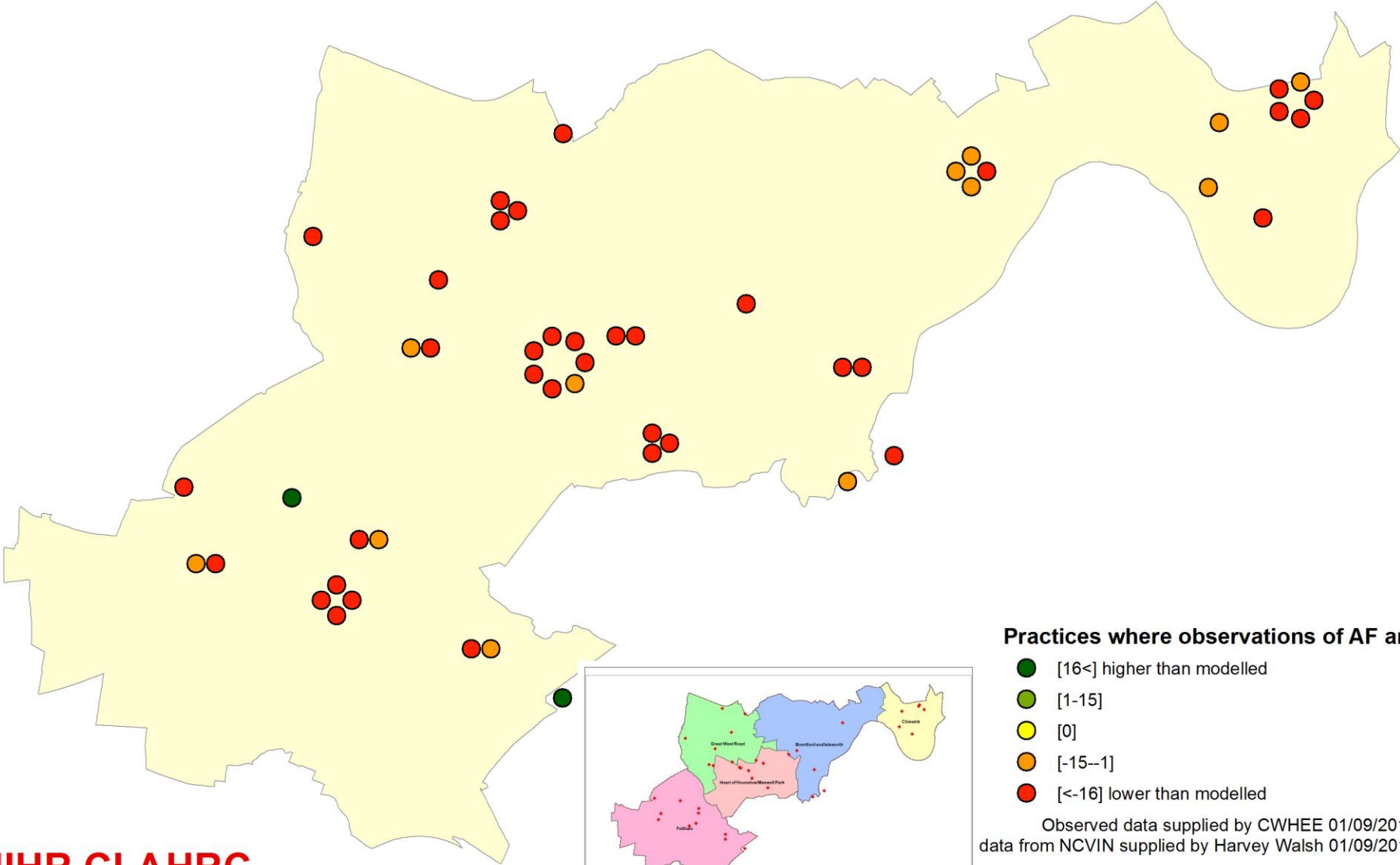
- May not really be missing
 - Clinical coding
 - Transfer of information between settings / systems



The 'missing'

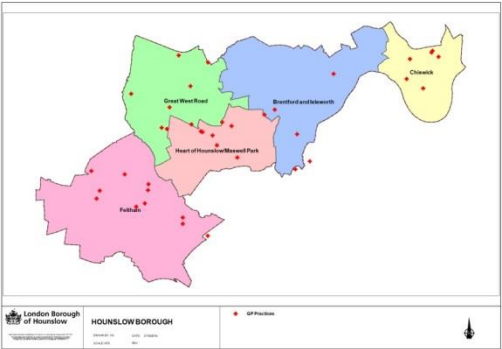


Modelled AF in Hounslow Practices



NIHR CLAHRC
Northwest London

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FACT: 1 in 4 of us will develop atrial fibrillation,
a leading cause of stroke.

a simple

pulse check

can save your life.

Know Your Pulse in four steps

- 1** To assess your resting pulse rate in your wrist, sit down for 5 minutes (relax). Remember that any stimulus taken before the reading will affect the rate (such as caffeine or nicotine). You will need a watch or clock with a second hand.
- 2** Take off your watch and hold your left or right hand out with your palm facing up and your elbow slightly bent.
- 3** With your other hand, place your index and middle fingers on your wrist, at the base of your thumb. Your fingers should sit between the bones on the edge of your wrist (and the string/band attached to your thumb (as shown in the image). You may need to move your fingers around a little to find the pulse. Keep firm pressure on your wrist with your fingers in order to feel your pulse.
- 4** Count for 30 seconds, and multiply by 2 to get your heart rate in beats per minute. If your heart rhythm is irregular, you should count for 1 minute and do not multiply.

Record your pulse here

Day	Rate	Activity
1		
2		
3		
4		
5		
6		
7		

Sensitivity 87 %, specificity 81% - SAFE study 2005

<http://www.youtube.com/embed/ZvkIMdF7M20?rel=0>



www.heartrhythmcongress.org

Cameroon's Cardiopad inventor wins African engineering award

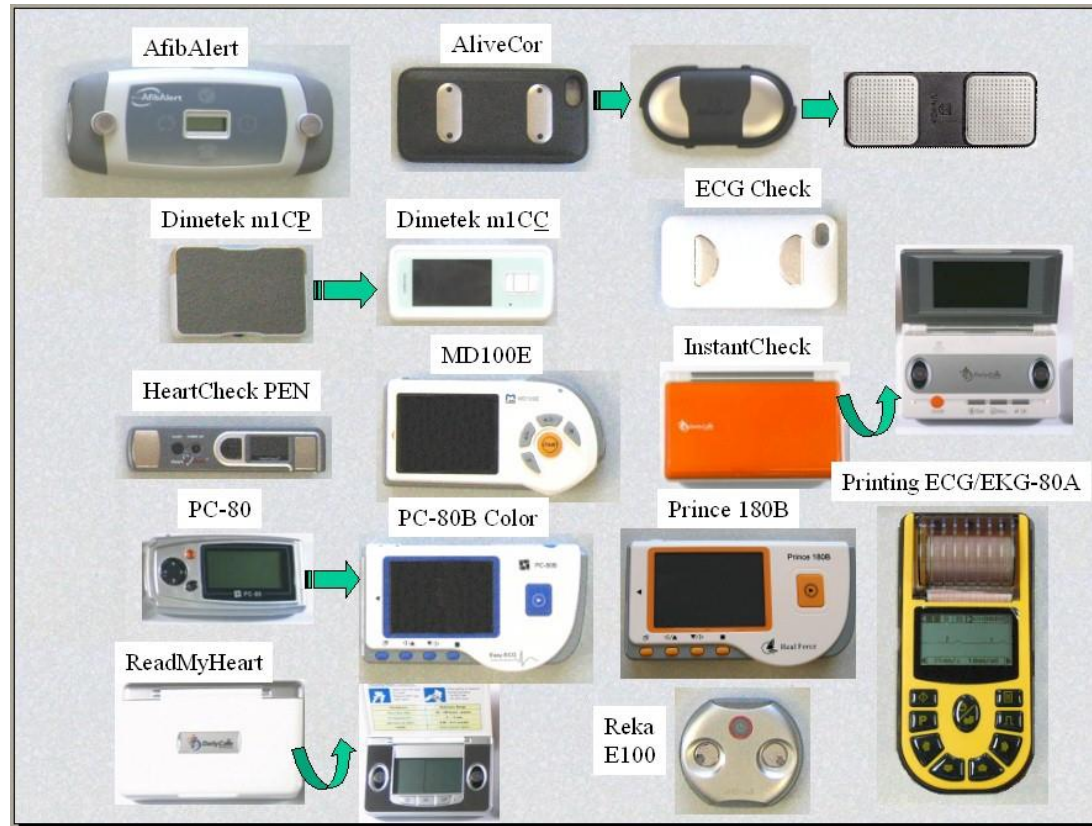
Question . How many cardiologists are there in Cameroon?
Clue- 20 million population



BBC news May 2016



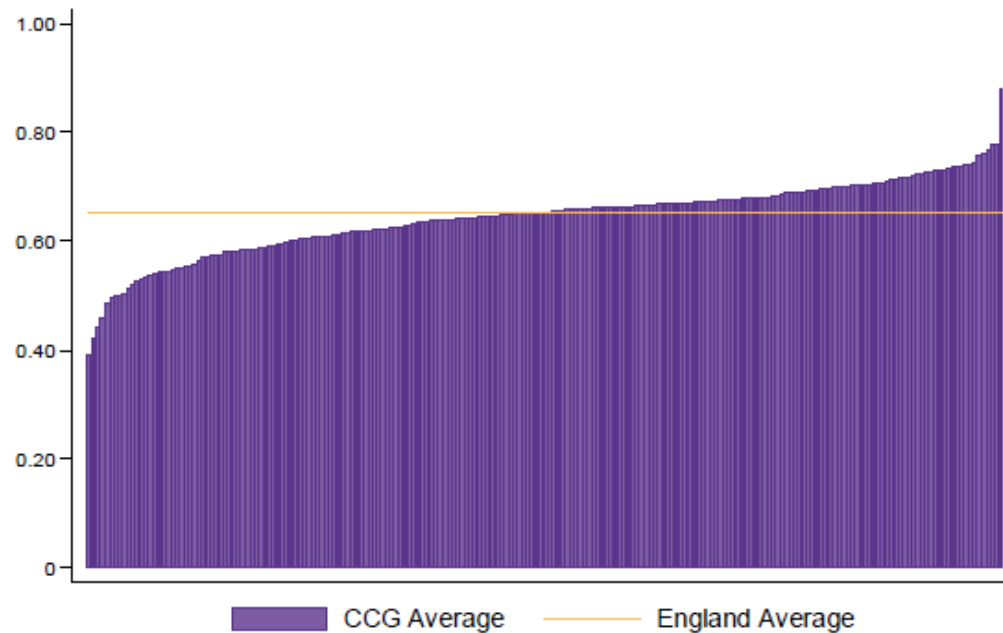
Technology to the rescue?



Undiagnosed AF in England

Source: QOF 2013/14; NCVIN 2015

There is significant variation between practices in the proportion of their patients with AF who remain undiagnosed.



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NHS
Hounslow
Clinical Commissioning Group

Thank you for listening

