

Why focus on Stroke Prevention through atrial fibrillation?

Lambeth GP education
24th September 2010

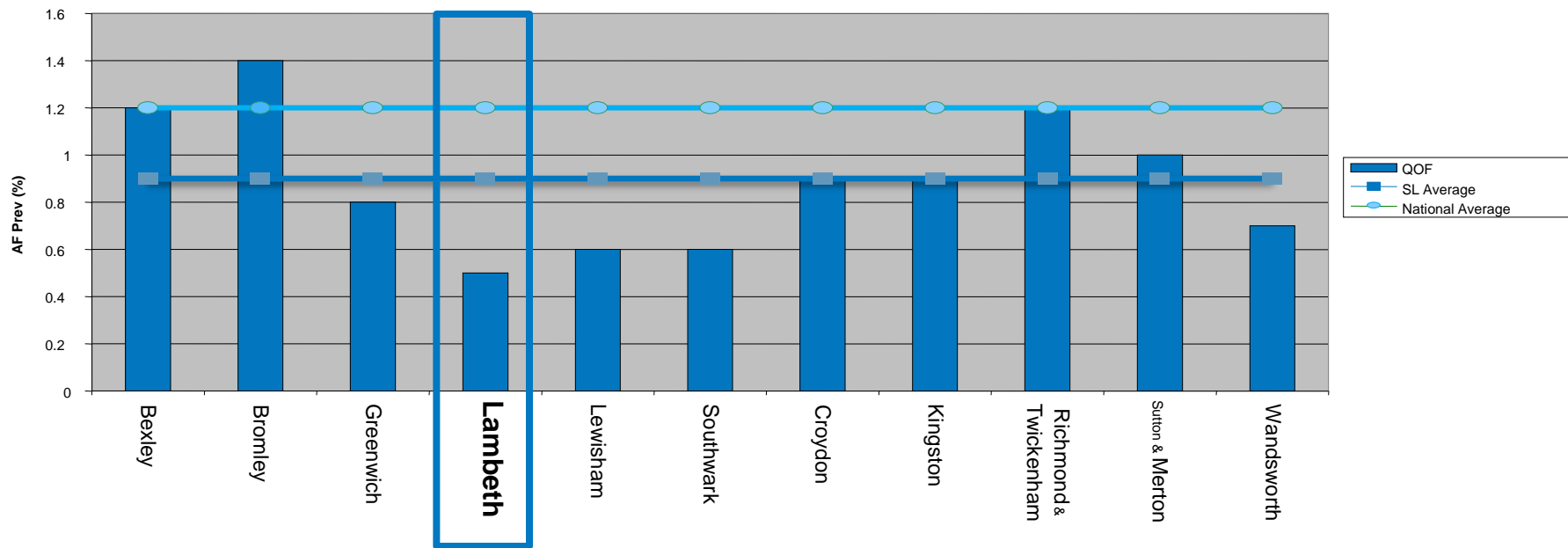


Content

- AF in South London
- AF prevalence variation

- AF project – focus areas
- AF project: reducing the risk of stroke
- GRASP-AF toolkit

Does the national picture reflect the South London situation?



Prevalence variation across South London PCTs

Age Adjusted Prevalence

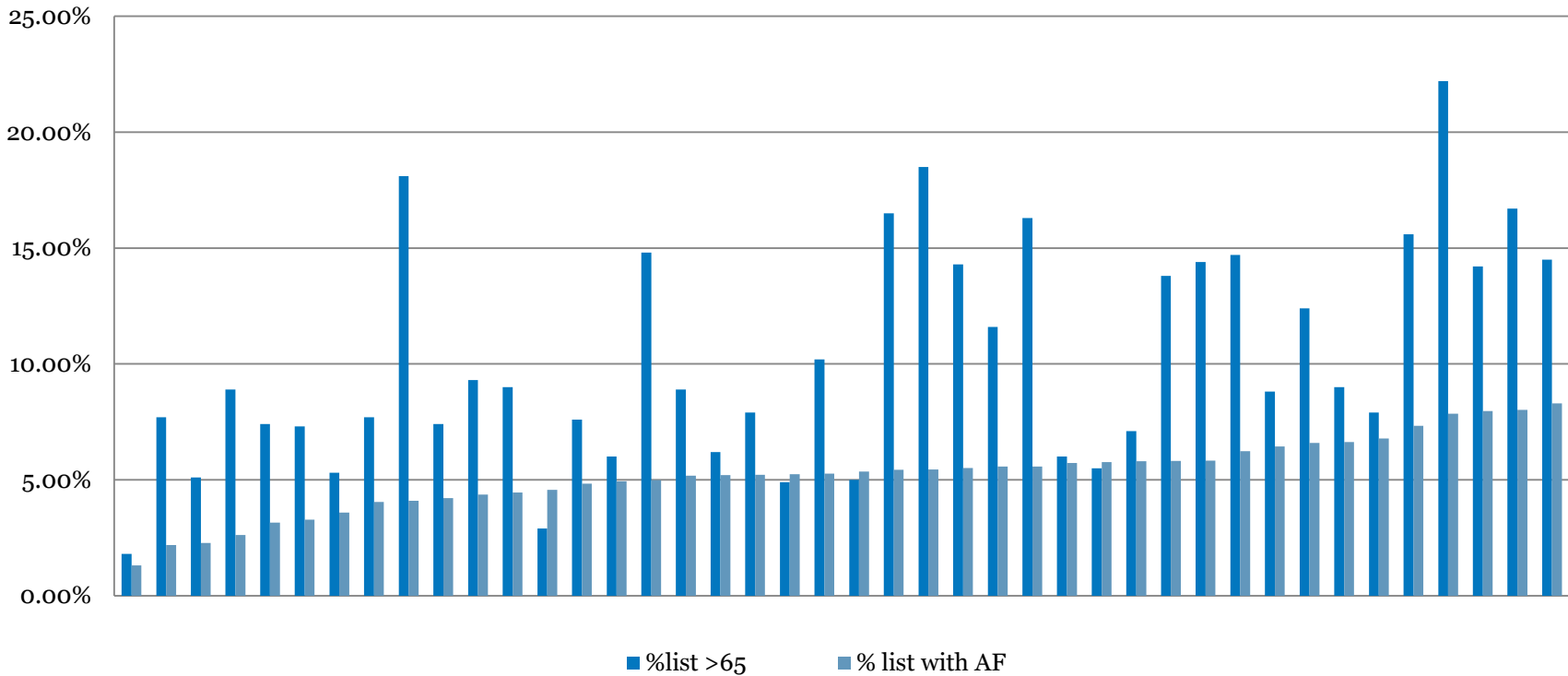
South London AF Prevalence (%)			
National	Local (QOF)	Age adjusted >65 years	Age adjusted >75 years
1.2	0.9	7.7	16.2

More informative to use age adjusted prevalence because;

- AF increases per decade
- relates to CHADS2 risk stratification tool
- can be used to identify those practices with higher age bracket population that should have a higher prevalence
- identify 'within borough' variation

Age adjusted AF prevalence by practice

AF prevalence and practice population

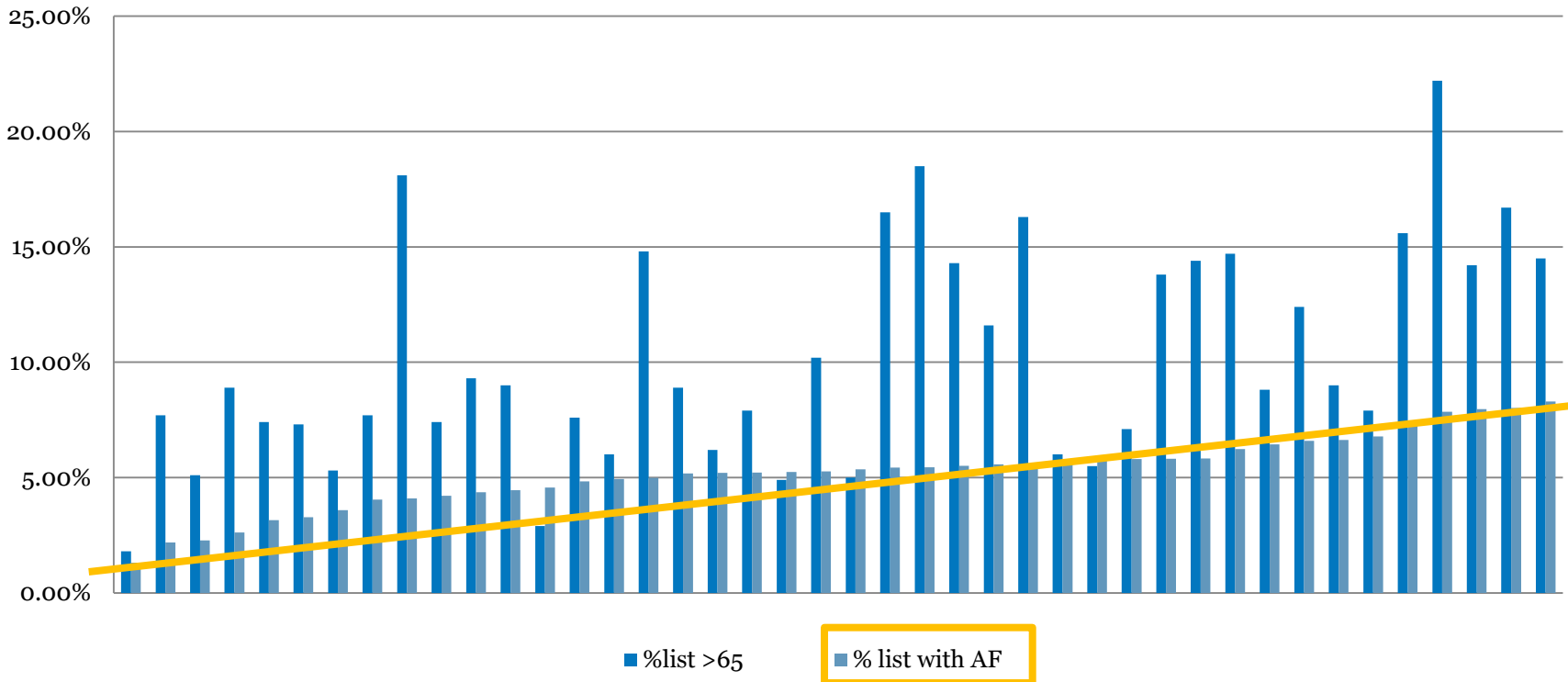


An example from a south London PCT



Age adjusted AF prevalence by practice

AF prevalence and practice population

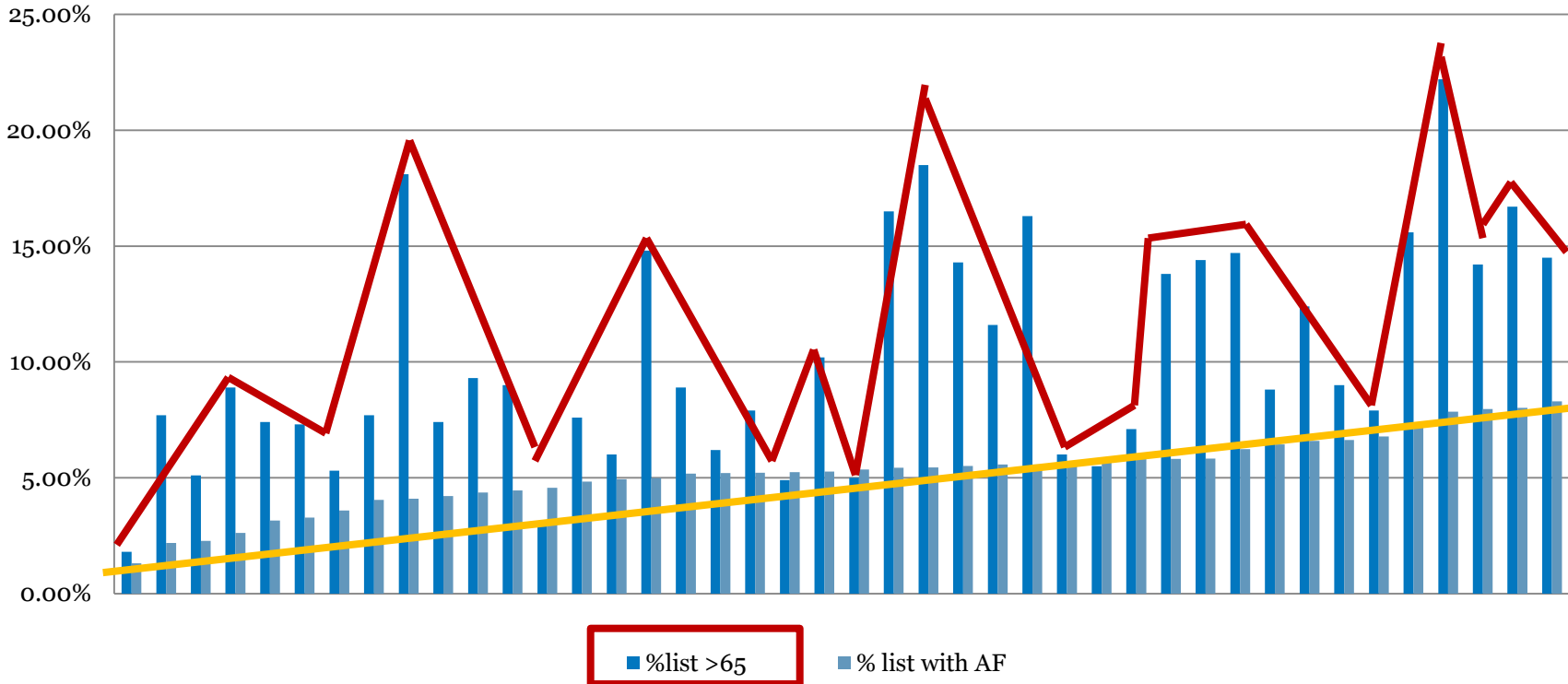


An example from a south London PCT



Age adjusted AF prevalence by practice

AF prevalence and practice population



An example from a south London PCT



Focus Areas

STROKE PREVENTION

1. Identifying AF

- Promote pulse checks;*
- Opportunistic opportunities e.g., flu clinics/health checks
 - Add onto disease templates
 - Patient recalls/reviews
 - Patient awareness

2. Diagnosing AF

- Access to timely diagnostics
- Clinician confidence in interpretation
- Utilise new technologies e.g., remote interpretation

3. Treating AF

- Treatment optimisation for existing AF
- Using CHADS2 for stroke risk stratification
- Robust local pathway to allow primary care management as appropriate

EDUCATION

Treatment optimisation in Lambeth

- What can you do??
- What can the Network do for you??



AF awareness questionnaire



South London Cardiac and Stroke Network

Stroke Prevention; Addressing Atrial Fibrillation (AF) Awareness and Attitudes to AF in Primary Care

The responses given to this questionnaire are not for public viewing, nor are they to scrutinise general practice. They are purely to gain an understanding of AF diagnosis and management in primary care and will assist in planning future work across NHS Lambeth. A similar questionnaire will follow at the end of the project covering all aspects of the project.

Date;

Name; (This is required for pre & post project analysis and all names/practice names will remain anonymous)

Practice;

Where options are stated please circle appropriate response

1. I am confident in recognising a potential case of AF;

Very

Moderately

Not really

Not at all



NHS

NHS Improvement

GRASP-AF audit tool



The University of
Nottingham

PRIMIS+

NHS

The
Information
Centre

for health and social care

Guidance on Risk Assessment and Stroke Prevention for Atrial Fibrillation (GRASP-AF)

Query and **risk stratification tool** available for
use with all GP clinical systems in England

NHS

NHS Improvement



<http://www.improvement.nhs.uk/graspaf/>

NHS

GRASP-AF is based on CHADS2

CHADS2 scoring system	
Condition	Points
Congestive heart failure	1
Hypertension	1
Age (>75)	1
Diabetes	1
Stroke/TIA (previously)	2

CHADS₂ Scores vs stroke risk

CHADS ₂ Score	Stroke Risk %
0	1.9
1	2.8
2	4.0
3	5.9
4	8.5
5	12.5
6	18.2

CHADS₂ therapy recommendations

CHADS ₂ Score	Recommendation
0	Nothing
1	Aspirin or warfarin
2 or more	Warfarin

How does GRASP-AF looks like?

- Practice identifiable patient list
- Dashboard
- National PRIMIS database

GRASP-AF dashboard

Audit of Atrial Fibrillation and CHADS2 Scores

[Classic View](#)

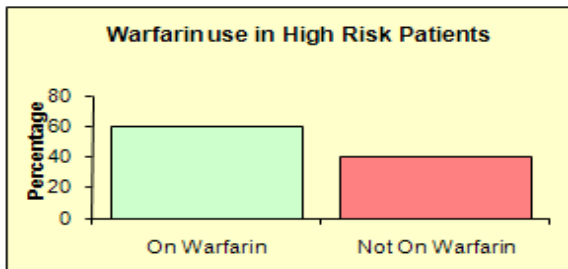
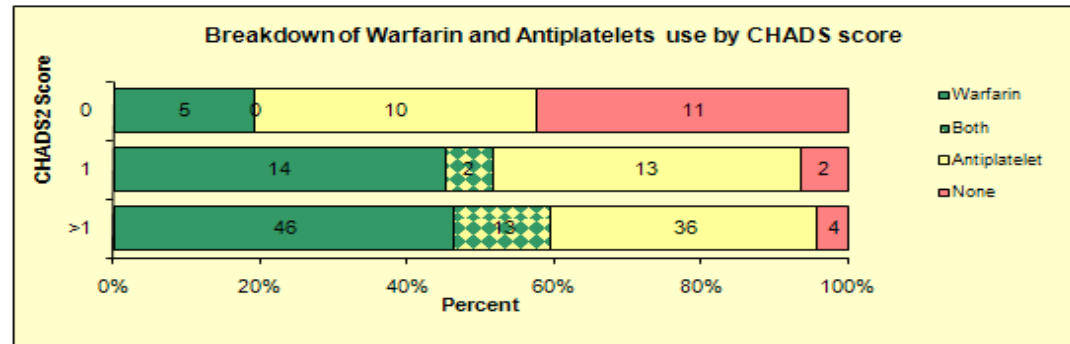
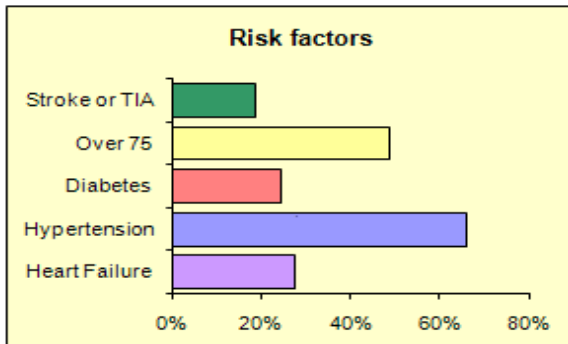
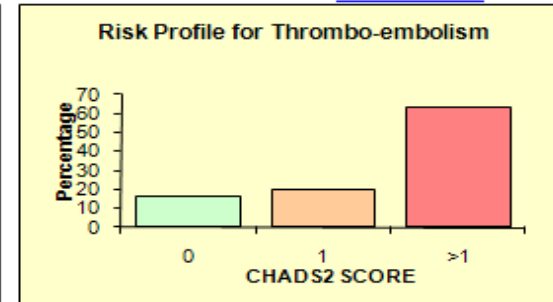
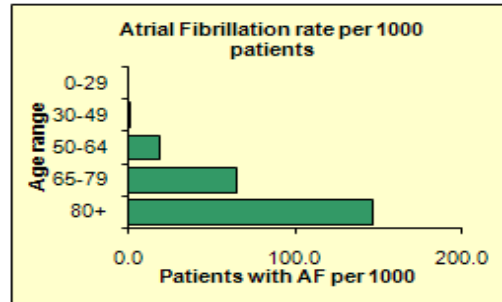
Practice:

Reference Date for Audit 24/05/2010

Total Practice Population 9323

	Total	Percent
No. with Atrial Fibrillation	156	1.67
Percent of over 65s with AF		8.73

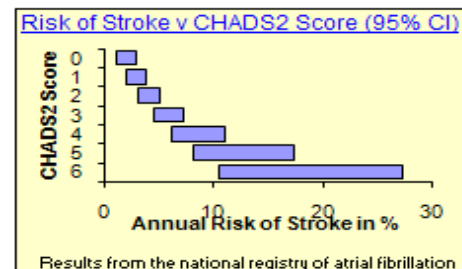
NB: Handling of Warfarin Exclusions



Strokes Expected Annually in the 40 high risk untreated

2.2

(95% CI 1.7 to 2.9)



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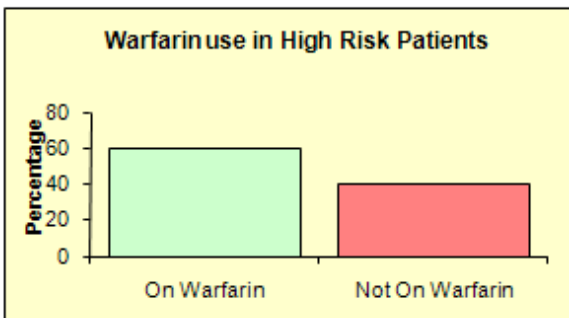
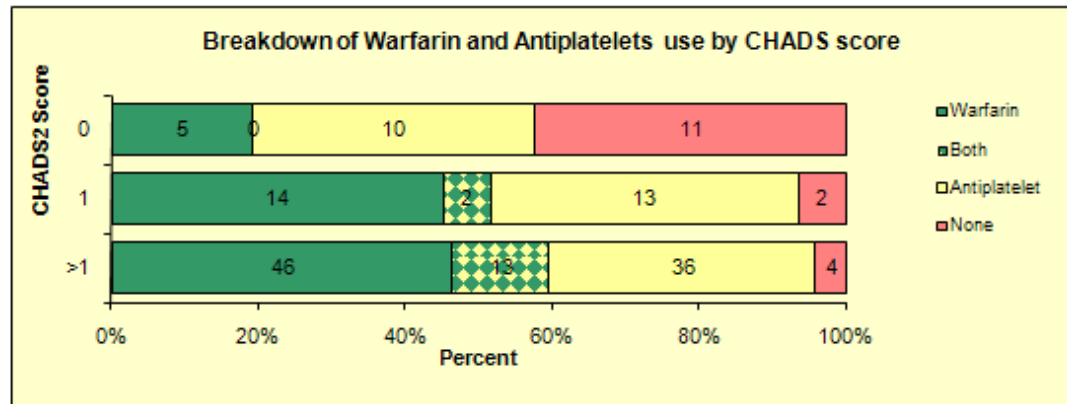
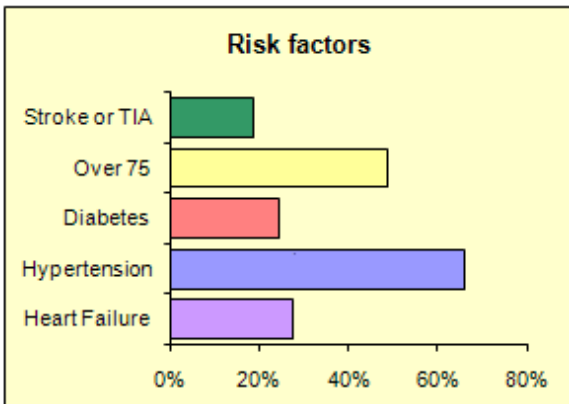
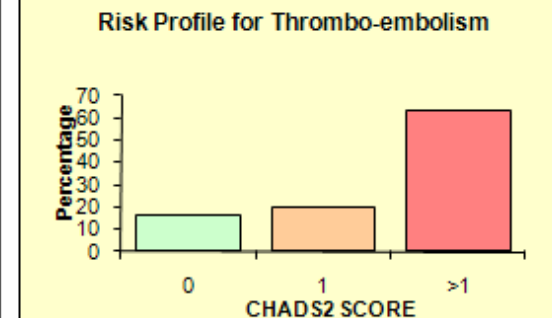
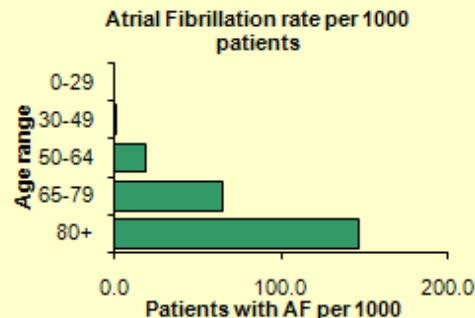
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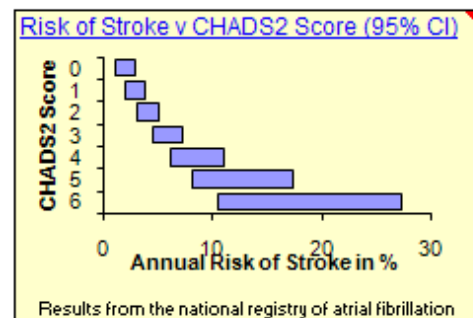
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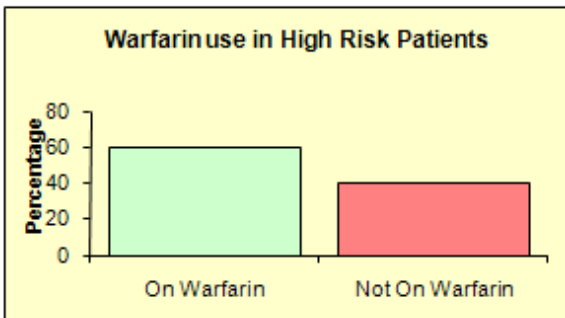
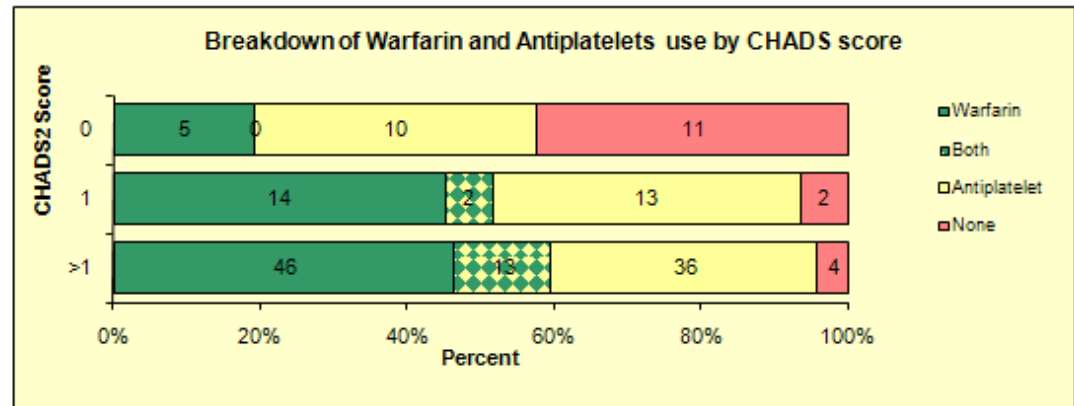
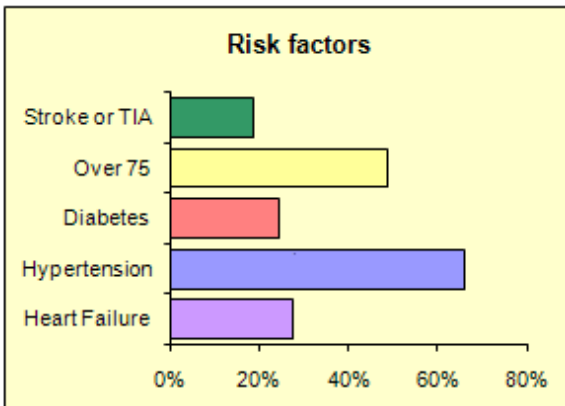
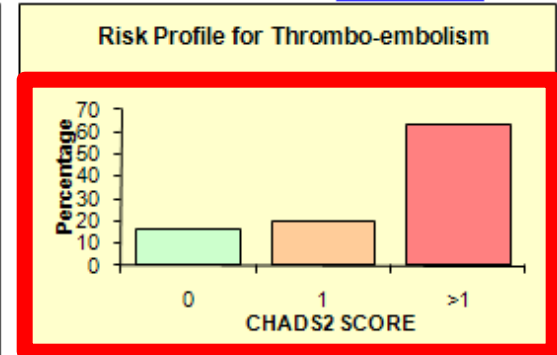
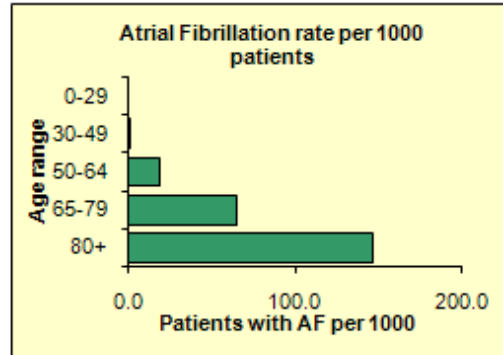
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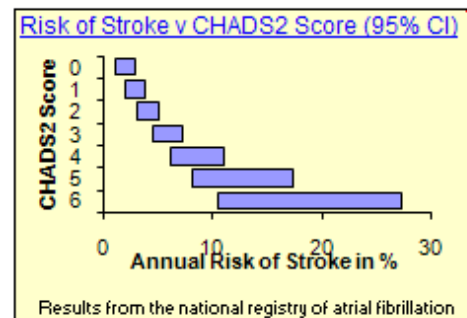
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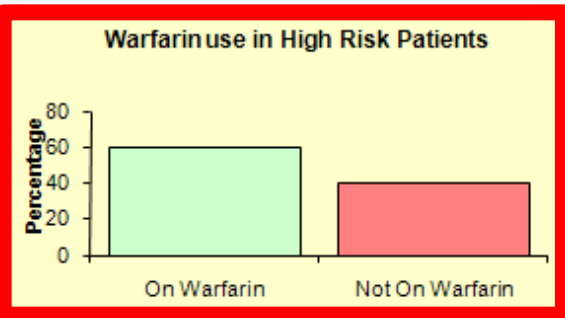
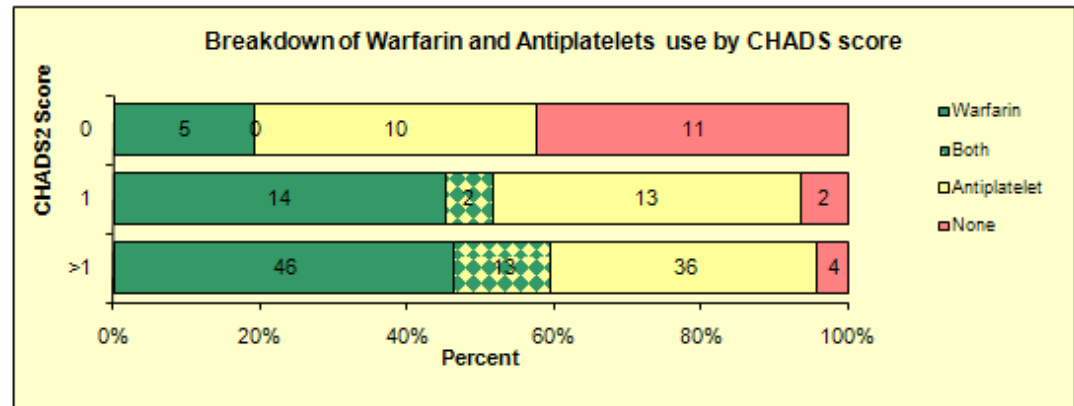
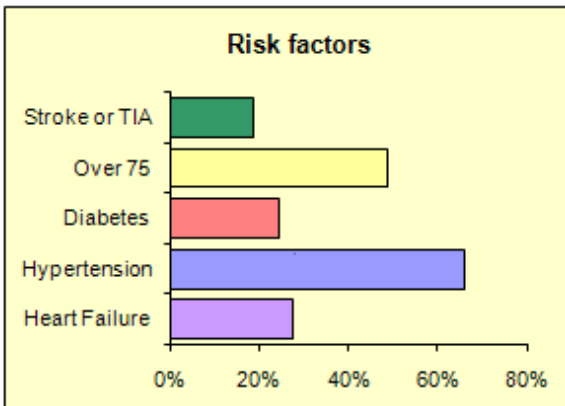
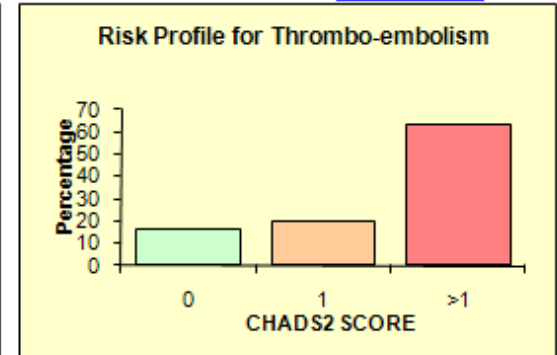
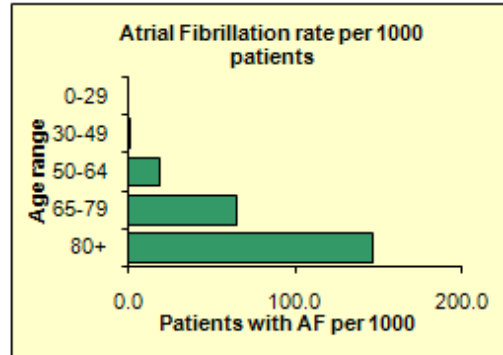
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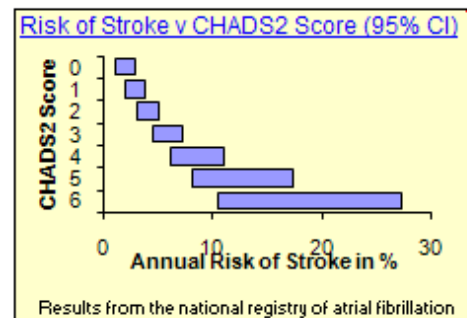
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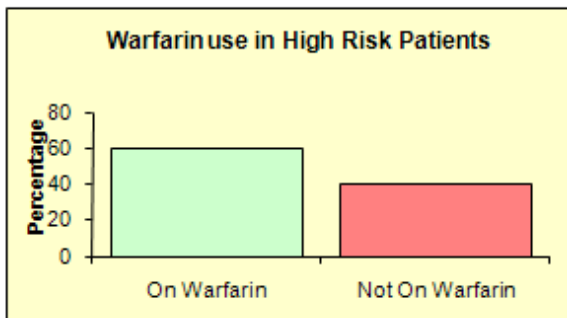
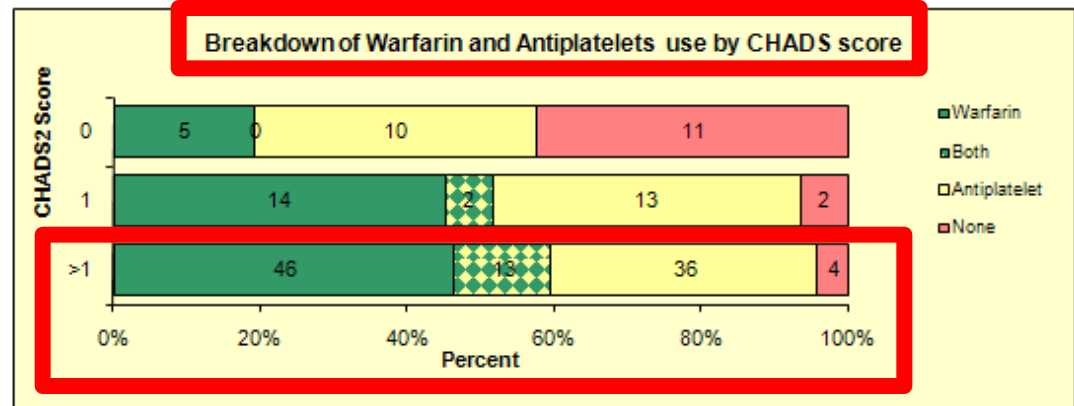
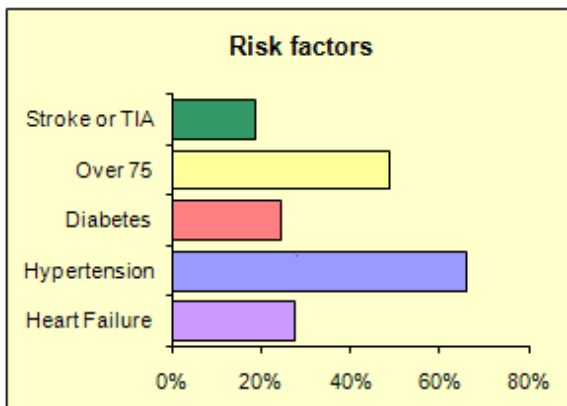
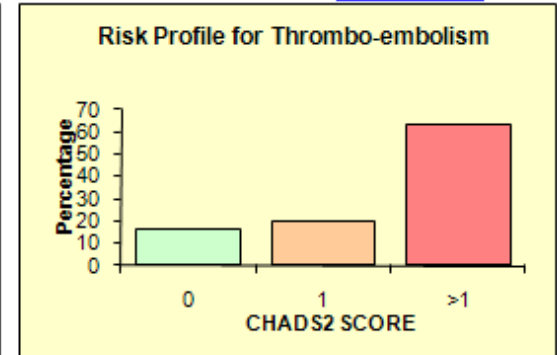
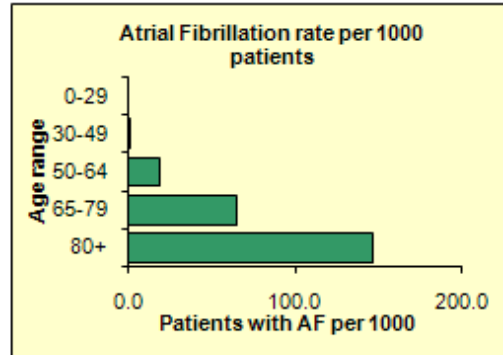
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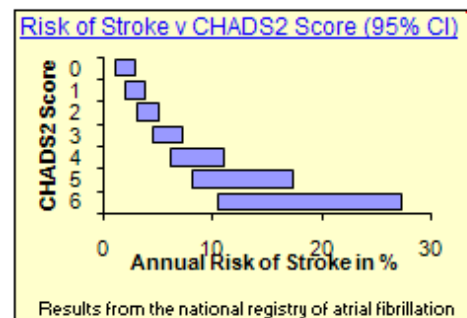
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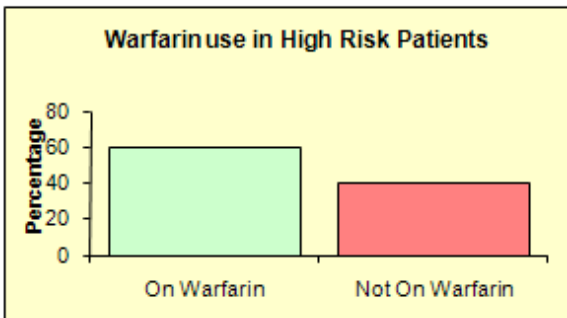
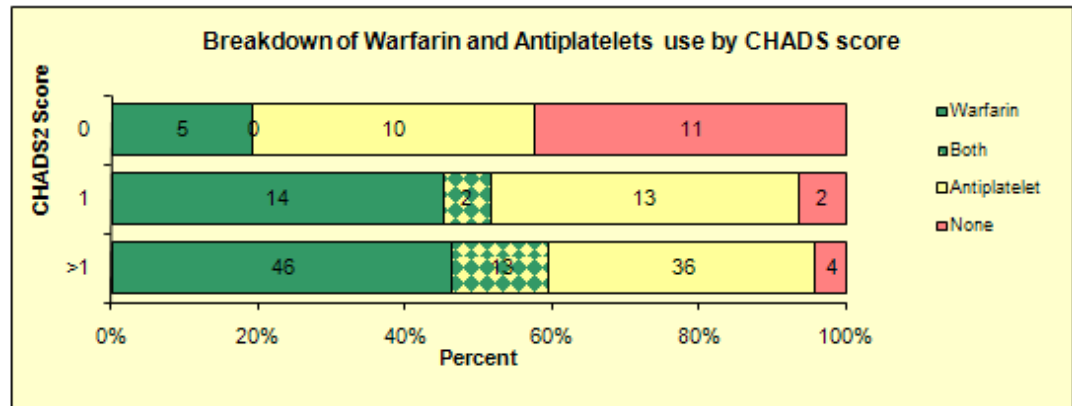
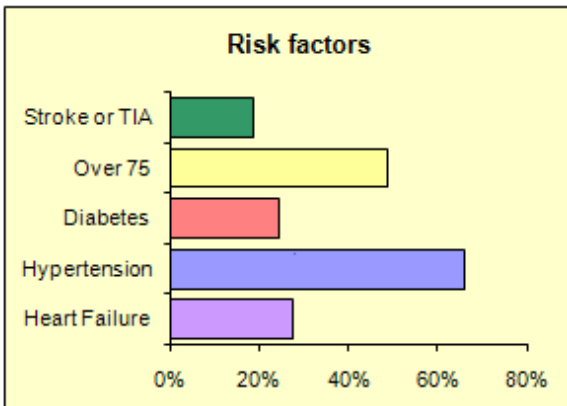
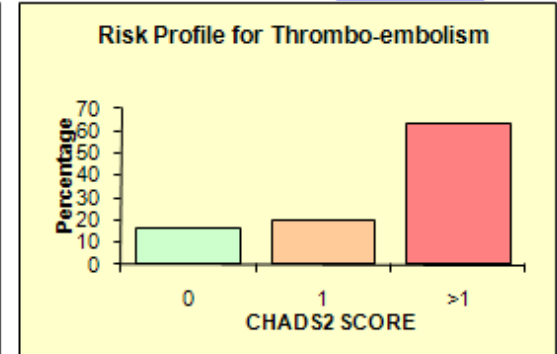
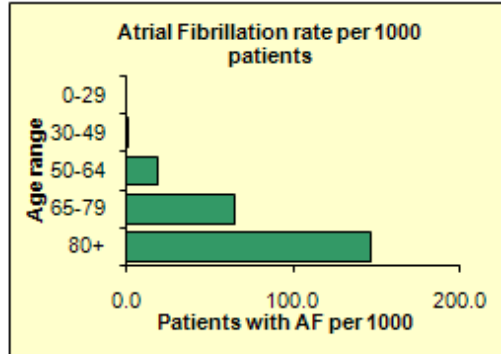
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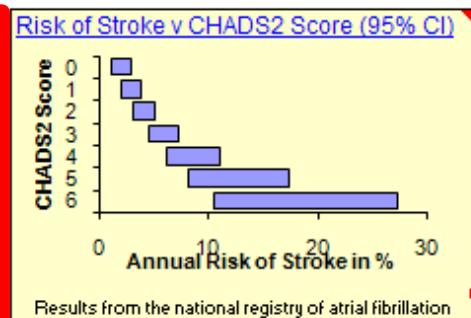
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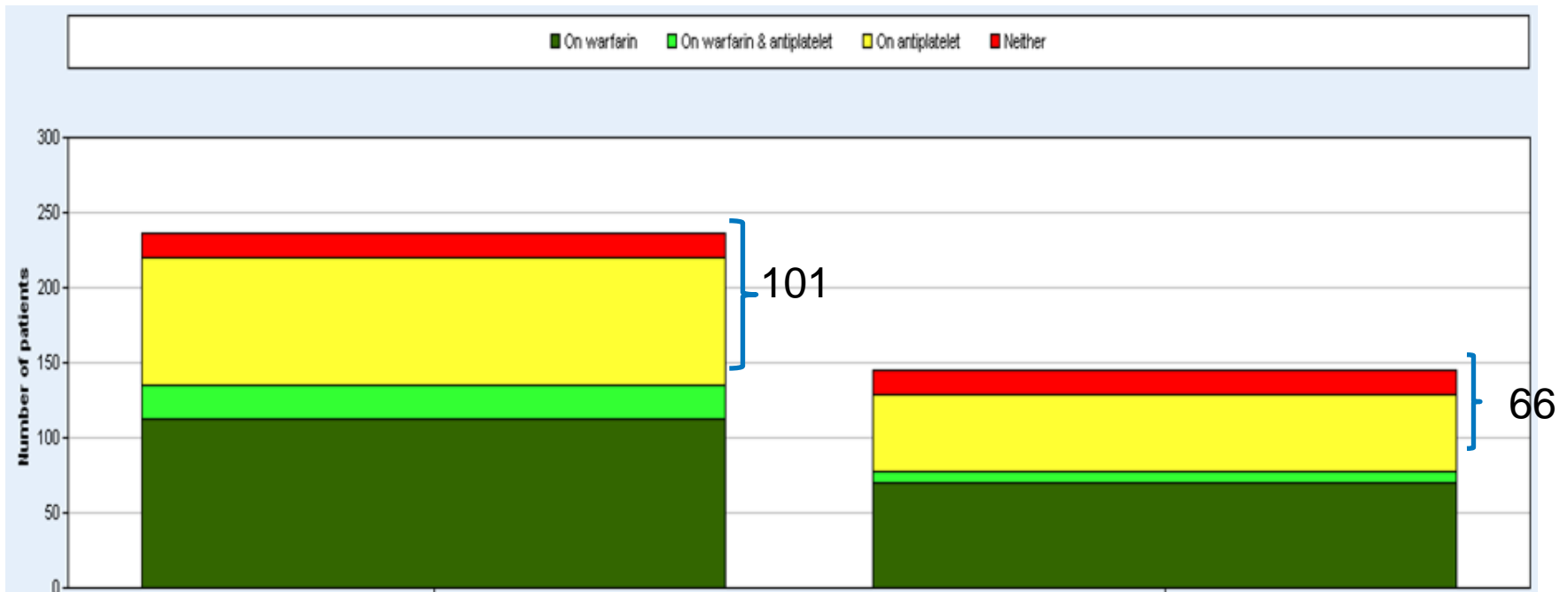


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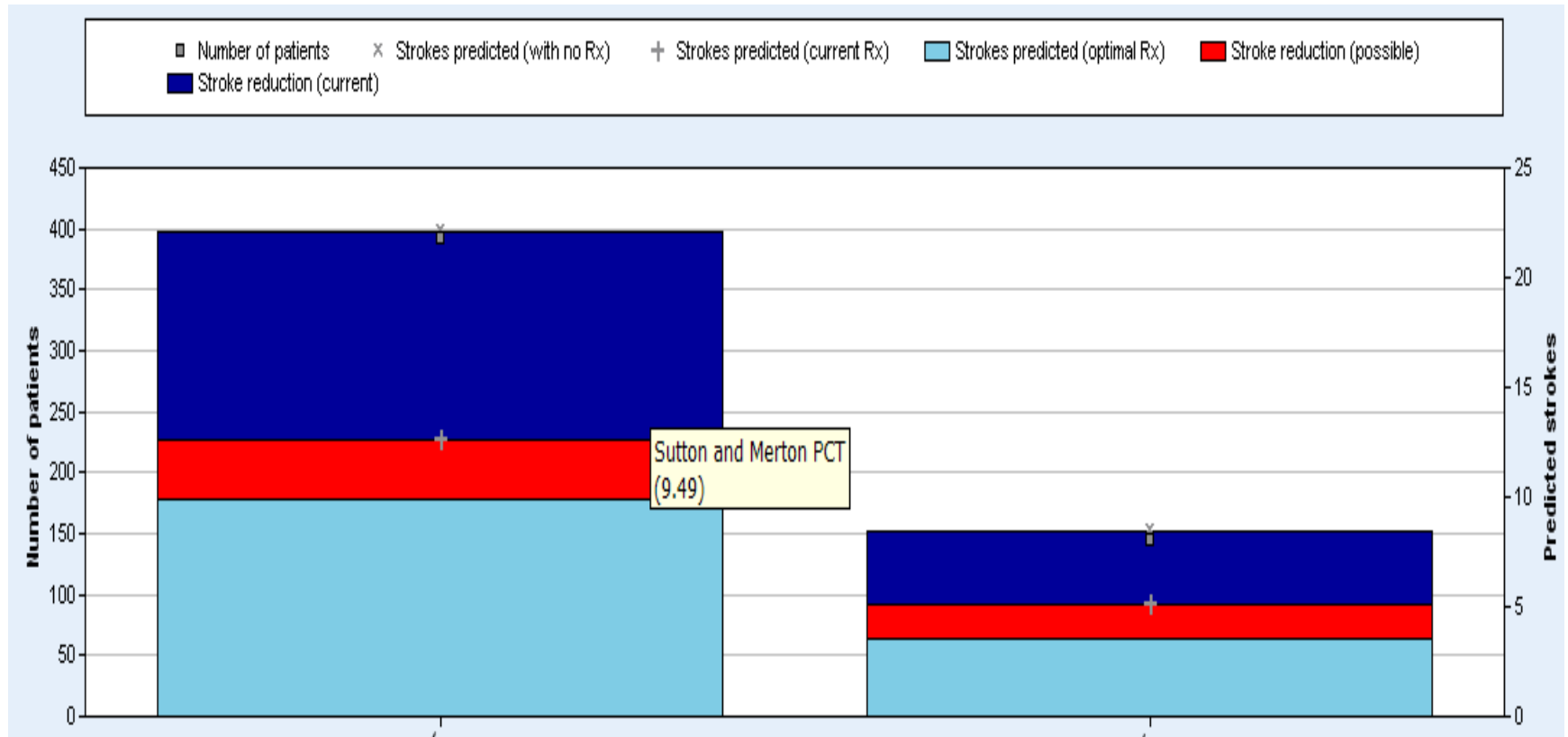
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GRASP in PRIMIS view



NNT on warfarin to avoid 1 stroke = 43

GRASP in PRIMIS view: avoiding strokes



Treatment optimisation in Lambeth

- **What can the Network do for you??**



Treatment optimisation in Lambeth

- **What can the Network do for you??**
 - Resources for patient reviews
 - Set up local education sessions



Treatment optimisation in Lambeth

- **What can the Network do for you??**
 - Resources for patient reviews
 - Set up local education sessions
 - **Once you have...**
 - AF awareness questionnaire
 - Download GRASP-AF
 - Express your interest to us

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