

# Stroke Prevention in Atrial Fibrillation Patients

## Background

Demonstrate an unmet need in support of use of upcoming launch product for stroke prevention in AF patients.

## Research Question

- What proportion of low and high risk AF patients do not get required stroke prevention treatment and why?
- Of AF patients that are prescribed warfarin for stroke prevention, what proportion of time do patients spend within and outside the therapeutic range?

## Solution

- 50 primary care providers representing 5 regions of the US were recruited within 60 days
- Retrospective medical chart review of 1000 AF patients meeting inclusion criteria completed within 90 days
- Research survey completed by each PCP site
- Rich data were collected and analysed
- A report was delivered with key findings and statistical analysis within 5 months
- iPatient View Database was delivered for further analysis to be taken by the client

## Data Retrieved from Medical Charts

- Stratification of nonvalvular AF patients based on risk of stroke by using the ACCP clinical practice guidelines
- Use of antithrombotic medication
  - Evaluate contraindications to antithrombotic therapy
  - Proportion of patients receiving,
    - Warfarin, Aspirin, Clopidogrel
    - Other antithrombotic therapy
    - No therapy.
- Oral antithrombotic therapies given since nonvalvular AF diagnosis and evaluate reasons for discontinuation
- Concomitant medication use
- INR monitoring for patients on warfarin
- Barriers to monitoring warfarin therapy
- Determination of treatment outcomes
  - Stroke, transient ischemic attack
- Documented antithrombotic-related bleeding
- Time within therapeutic range

## KEY OUTCOMES

- Research demonstrated that many patients with high-risk AF were undertreated for stroke prevention
- Less than 50% patients were on anticoagulation therapy
- A significant portion of patients were not on therapy because of bleeding risks
- About 40% of treated patients were outside therapeutic range



Data were used to internally plan the launch of client product



Data were used for market access presentations for Managed Care Organizations

Everyone has unique challenges. If you'd like to discuss how we can help address your needs, contact us:

TALK TO US  888-488-6462