**Purpose:** Evaluation of the risk of cardioembolic and cryptogenic stroke with no history of atrial fibrillation (AF) in the presence of P-wave terminal force in EKG lead V1 (PTFV1).

**Trial Design:** case cohort prospective study looking at stroke risk factors. PTFV1 was measured manually from baseline EKG’s of patients with ischemic strokes (n = 241).

**Primary Endpoint:** association of PTFV1 with ischemic stroke and stroke subtypes.

**Trial Results**

- For any ischemic stroke  Adjusted HR = 1.20
- For either cryptogenic or cardioembolic stroke  Adjusted HR = 1.31
- For non-cardioembolic stroke  Adjusted HR = 1.14

**Conclusions:** with or without a history of AF and heart failure, an increase in PTFV1 was found to be associated with cryptogenic and cardioembolic stroke.