

**CASE STUDY:** 55 year old male

**MONITOR:** LifeStar ACT

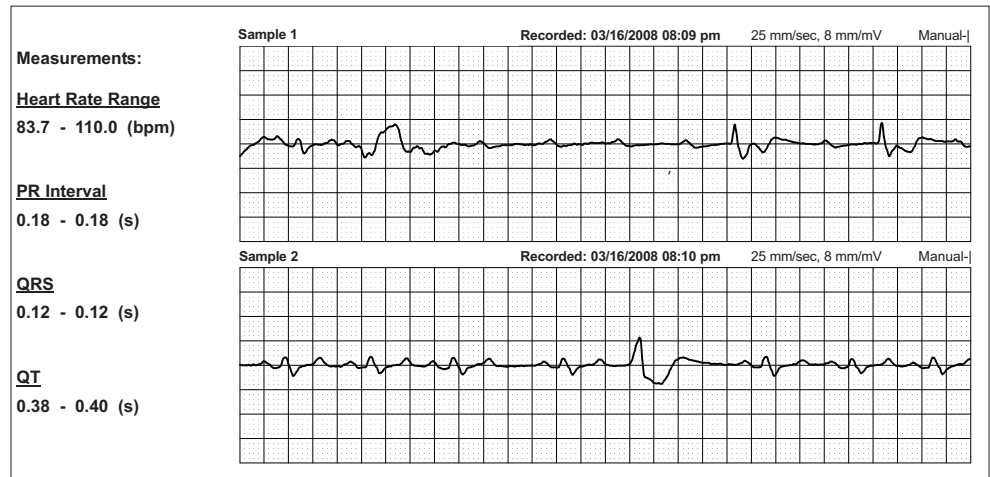
*LifeStar ACT Case Study Number 2*

**SYMPTOMS:** Syncope

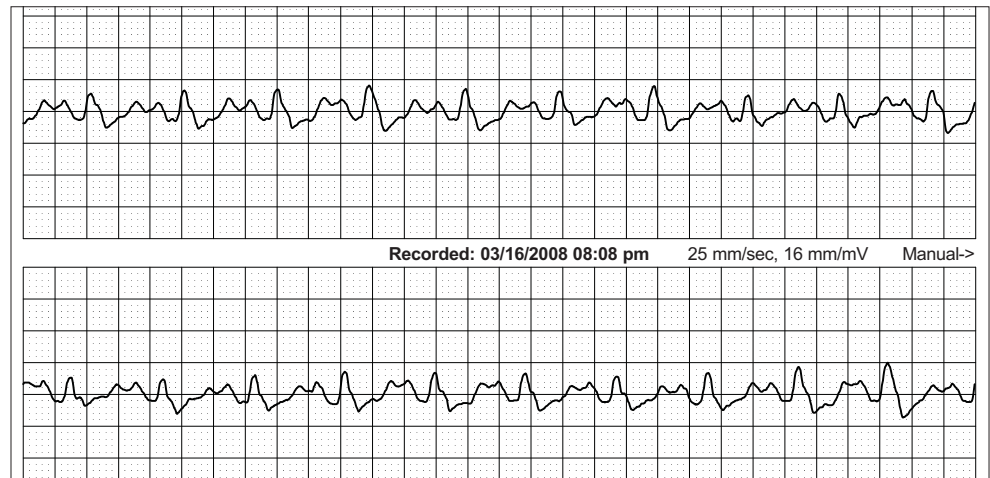
**BACKGROUND:**

A 55 year old patient presented with syncope to his cardiologist. The Holter test prescribed by the cardiologist did not provide conclusive results. Next a non-looping, manually activated event recorder was prescribed and again, no conclusive results were obtained. Medications were prescribed as a next step, but the symptoms persisted. The patient was referred to an EP who immediately prescribed the LifeStar ACT.

Five days after enrolling, as the patient felt slightly dizzy, the ACT auto-triggered for episodes of complete heart block. The LifeWatch technician immediately notified the patient's physician, and the patient was admitted to the hospital for a STAT pacemaker.



Sinus arrhythmia, complete heart block, PVC, IVCD



Sinus tachycardia, IVCD

**OUTCOME:**

The patient received a pacemaker the same day. The EP is delighted with the technological advantages of LifeStar ACT after traditional monitors failed to detect any critical arrhythmia.

LifeStar ACT automatically detects, analyzes and transmits onset and escape of symptomatic and asymptomatic events.

**Best Use:**

- Asymptomatic AF
- Syncope
- Conductive Disorders
- Symptomatic/Asymptomatic Tachycardia, Bradycardia
- Patient non-compliance
- Medication Titration