

Cardiophonics Case Study

Cardiac Monitoring

Case Study: 68-year-old male.

Monitor: Cardiophonics 1000.

Symptoms: Patient reported passing out.

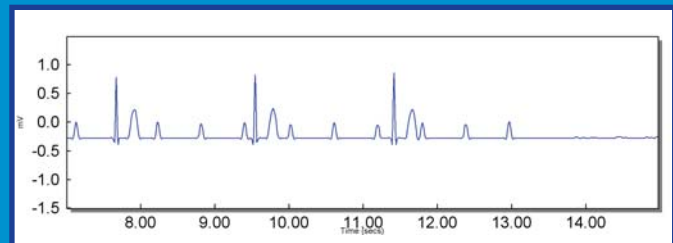


The patient in this case study is a 68-year-old man who had been having dizzy spells for many years. Recently he passed out in a restaurant and was referred for a cardiology consult. In the office, the patient presented with frequent occasions of dizziness that lasted for several minutes. The physician prescribed a cardiac event monitor with extended memory to capture any loss of consciousness. He was given a Cardiophonics 1000 unit with pre-symptom memory of 5 minutes and was instructed on its usage. On day three of the monitoring period, he experienced severe dizziness and a syncope episode. The ECG during the episode was documented within the memory of the Cardiophonics loop monitor. This ECG data was then transmitted to the Cardiophonics 24/7 Center via regular phone line where it was reviewed by a staff RN. The strip documented bradycardia and complete heart block followed by a 6 second pause. The patient was immediately referred to the ER of a local hospital.

Outcome: The patient was admitted to the ER, where he received a pacemaker.

Transtelephonic Arrhythmia Monitoring is recommended for the patient whose symptoms do not occur on a daily basis.

Task Force Guidelines for Ambulatory Electrocardiography
American College of Cardiology/American Heart Association



CardioViewer digital recording of pre-syncope and syncope episode



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