A 50 years old male was hospitalized with palpitation and dyspnea.

What is your electrocardiographic diagnosis?

A. Atrial fibrillation with rapid ventricular response
B. Multifocal atrial tachycardia
C. Second degree A-V block
D. Ventricular tachycardia.
Answer B

The tracing showed rapid irregular rhythm with narrow QRS complex. There appears to be multiforms P wave with variable PR interval consistent with multifocal atrial pace maker. Since ventricular rate is more than 100/min the diagnosis should best be multifocal atrial tachycardia or so called chaotic atrial rhythm.