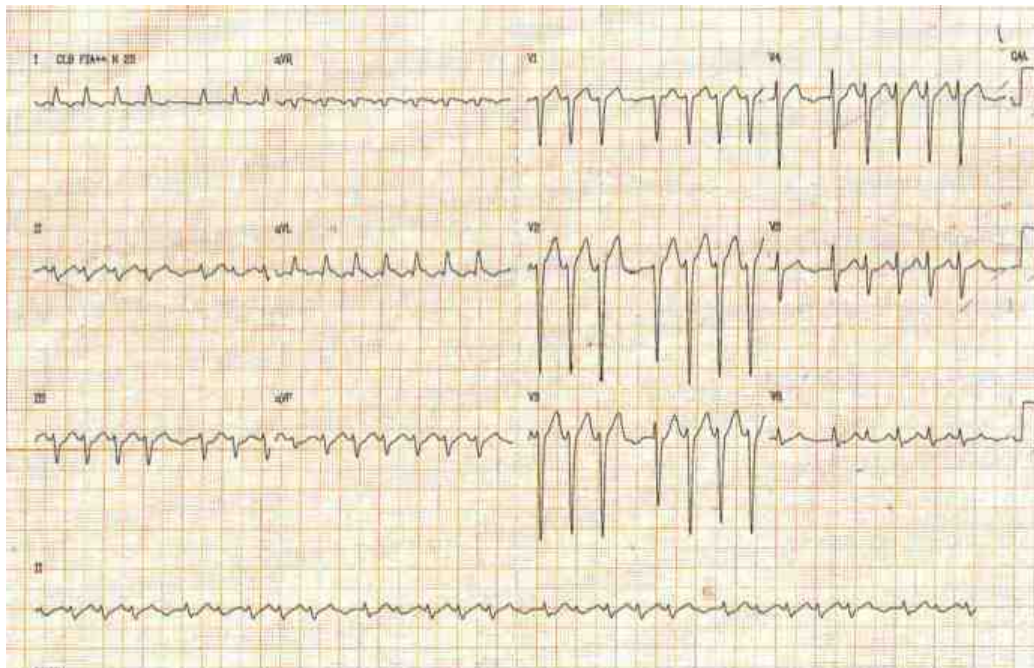


Old man with narrow irregular QRS tachycardia

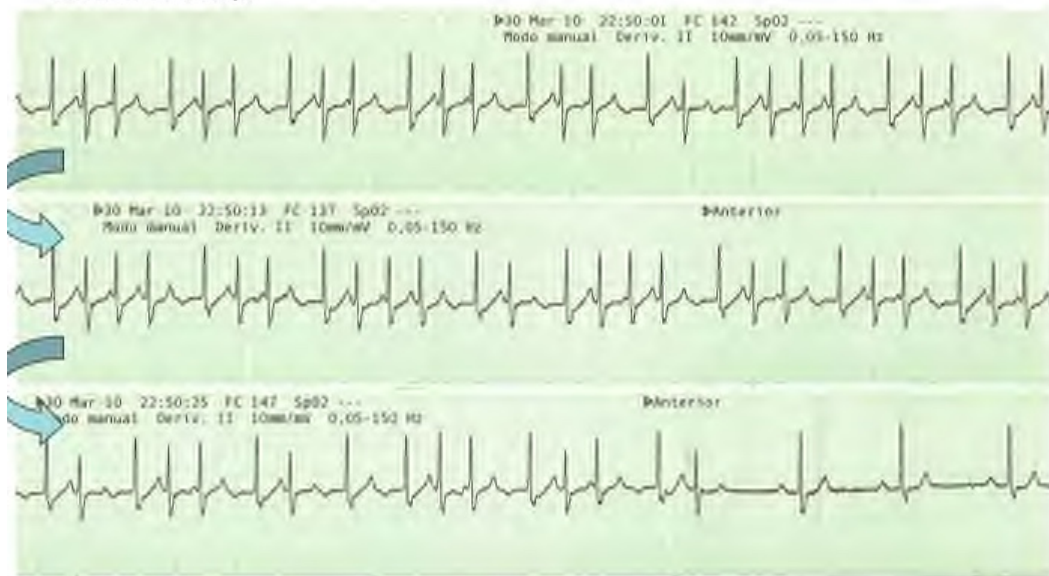
Dr. Raimundo Barbosa Barros

Dear friends: These traces below to and old man 78 years old. Clinically only palpitations (Class II.). This is the first episode. No syncope non cardiac arrest. Immediately reversion to sinus rhythm after IV adenosine
Which is the ECG diagnosis?

Dr Raimundo Barbosa de Barros MD. Fortaleza–Brazil



Continuous strip.



Your very interesting irregular QRS tachycardia shows group beating suggestive of a Wenckebach type conduction abnormality. I see 3:2 groupings, 4:3 groupings and 5:4 groupings in the long rhythm strip. The atrial rate is approximately 214 bpm and raises the possibility of a slow atrial flutter or an ectopic atrial tachycardia. There are some aberrancies noted during the long cycle-short cycle RR intervals. The nature of the aberrancies is uncertain because the rhythm strip QRS complexes don't look like any of the 12 leads on the 12-lead ECG.

Best regards,

Frank

Estimado Andrés muy interesante taquicardia irregular mostrando grupos de latidos que sugerem alteração dromótopa tipo Wenckebach. Veo grupo 3:2; 4:3 y 5:4 en la tira larga. La frecuencia auricular es aproximadamente de 214lpm lo que aumenta la posibiidad de aleteo auricular lento o taquicardia atrial ectópica. Hay algunas aberrancias observadas durante los ciclos largos-cortos La naturaleza de tales aberrancias es desconocida porque en la tira los complejos QRS no se muestra como alguna de las 12 derivaciones

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