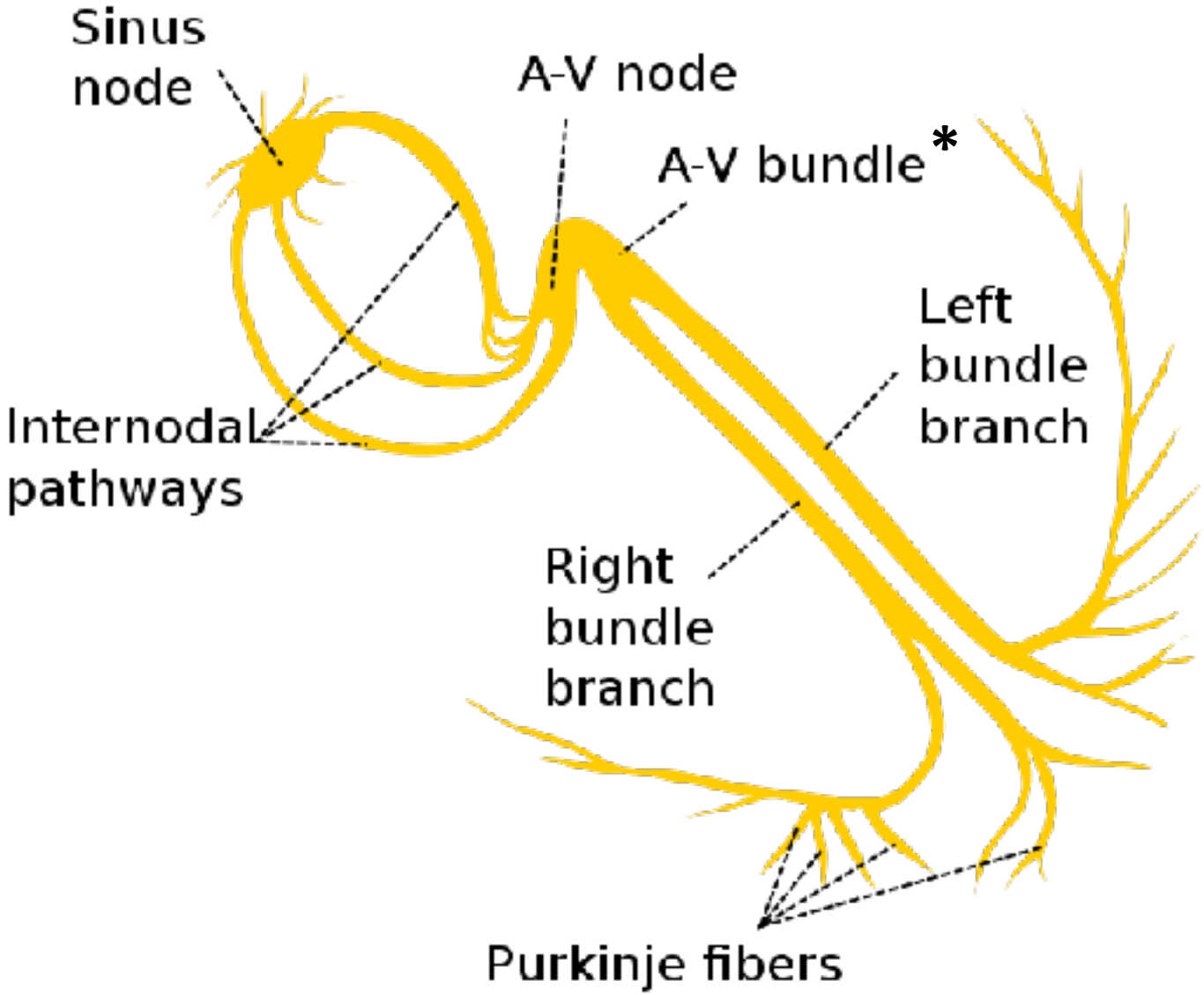
Dysrhythmia ECGs

Matthew McGuiness, MD

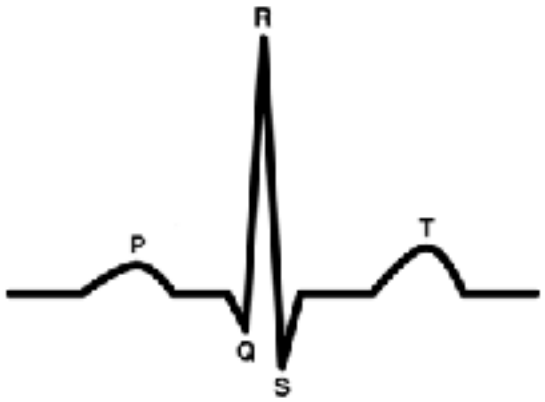
Cardiovascular Medicine



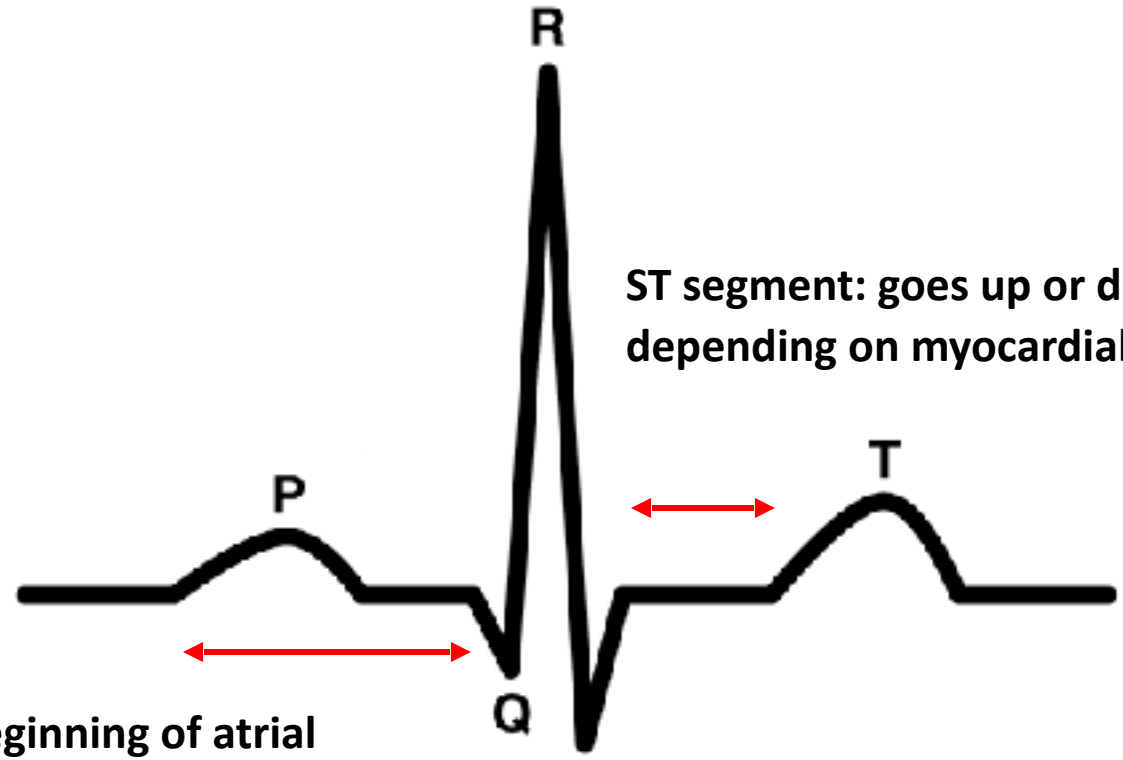
* Bundle of His

Sequence of Events

- (Sinus Node)
- Atrial depolarization = P
- (AV node, His Purkinje, left and right bundles)
- Ventricular depolarization= QRS
- (Atrial repolarization)
- Ventricular repolarization = T



( ) = too small to be seen on EKG



ST segment: goes up or down depending on myocardial perfusion

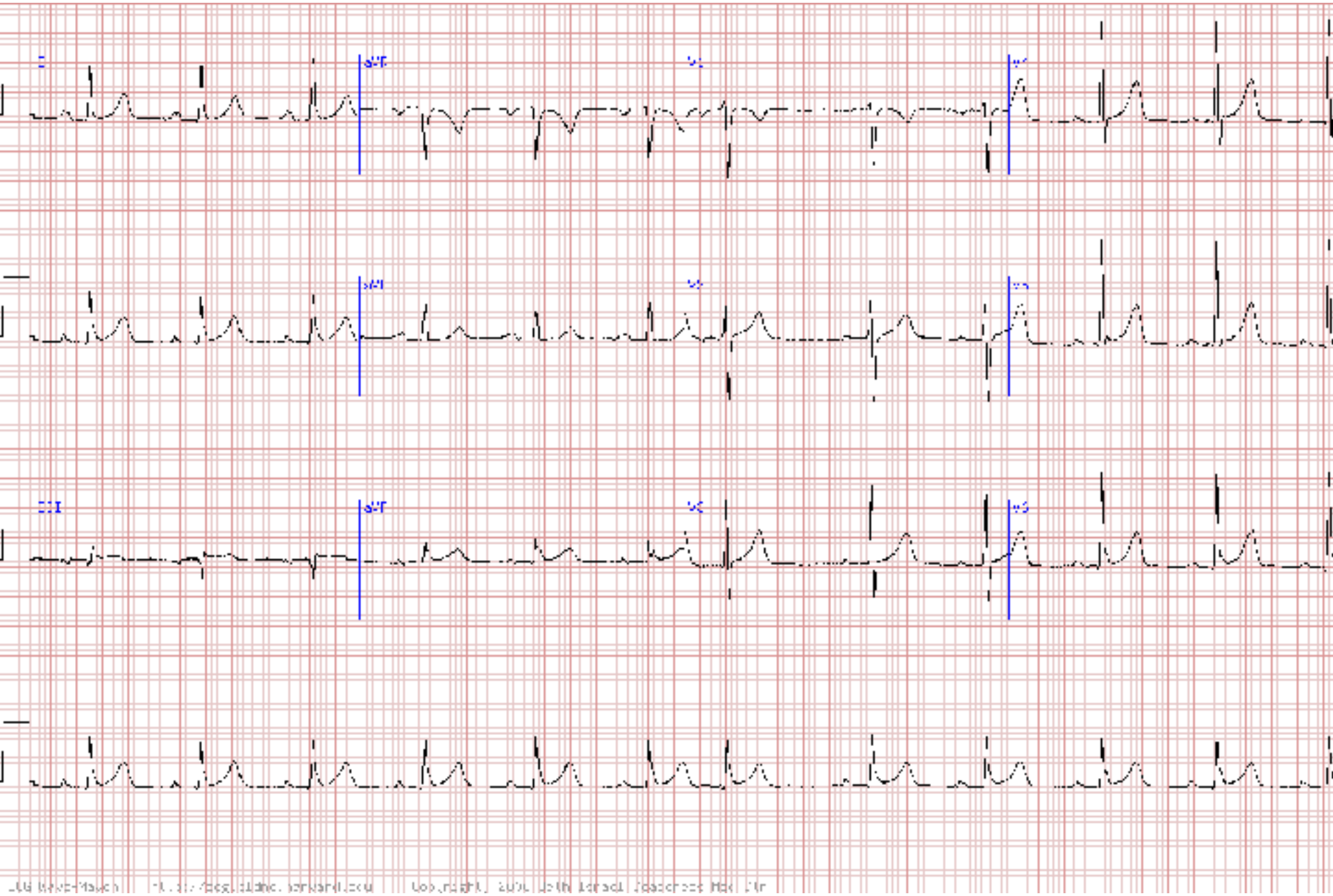
PR interval: beginning of atrial depol to beginning of ventricular depol

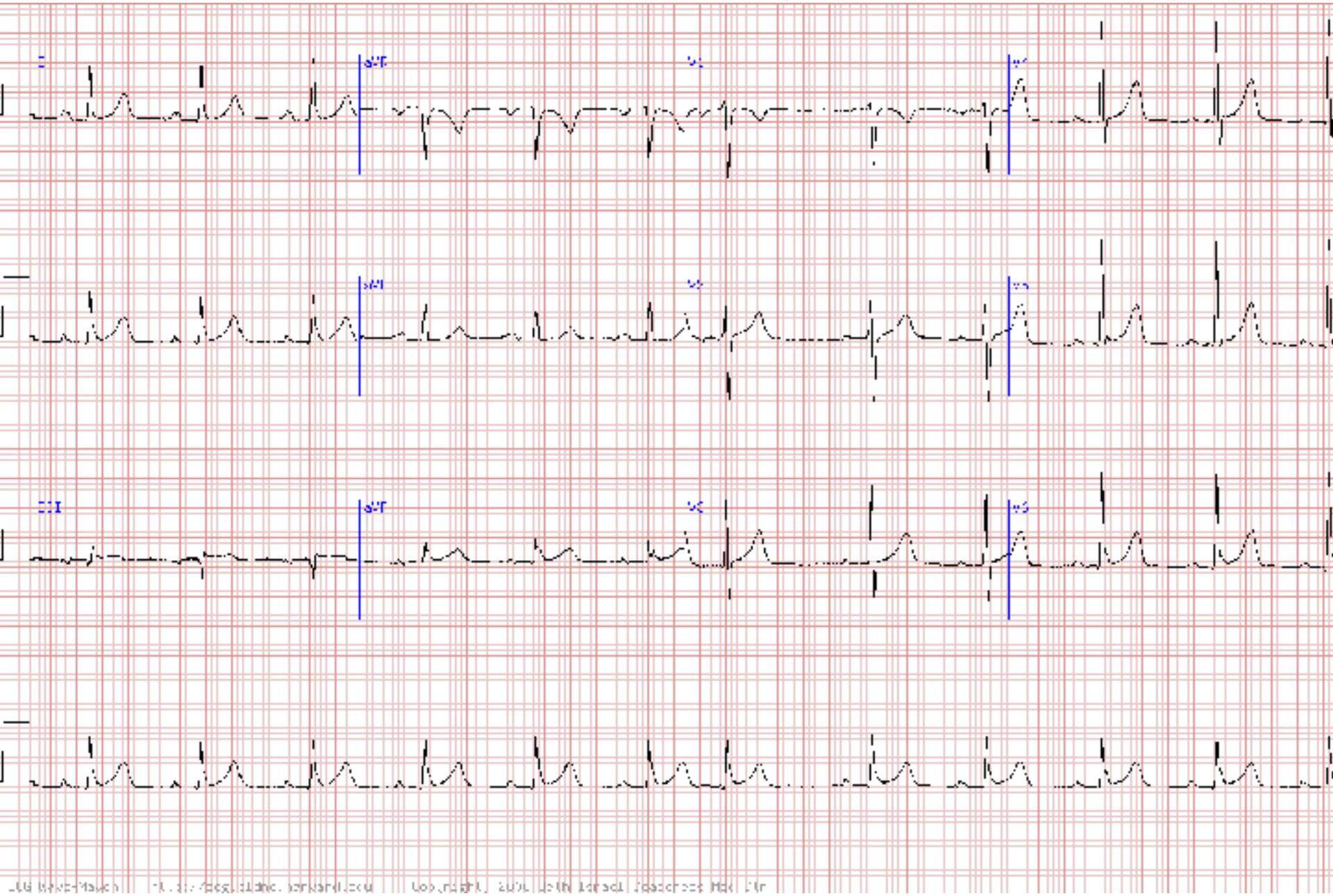
QRS duration: ventricular depolarization

QT interval: beginning of ventricular depol to end of ventricular repol

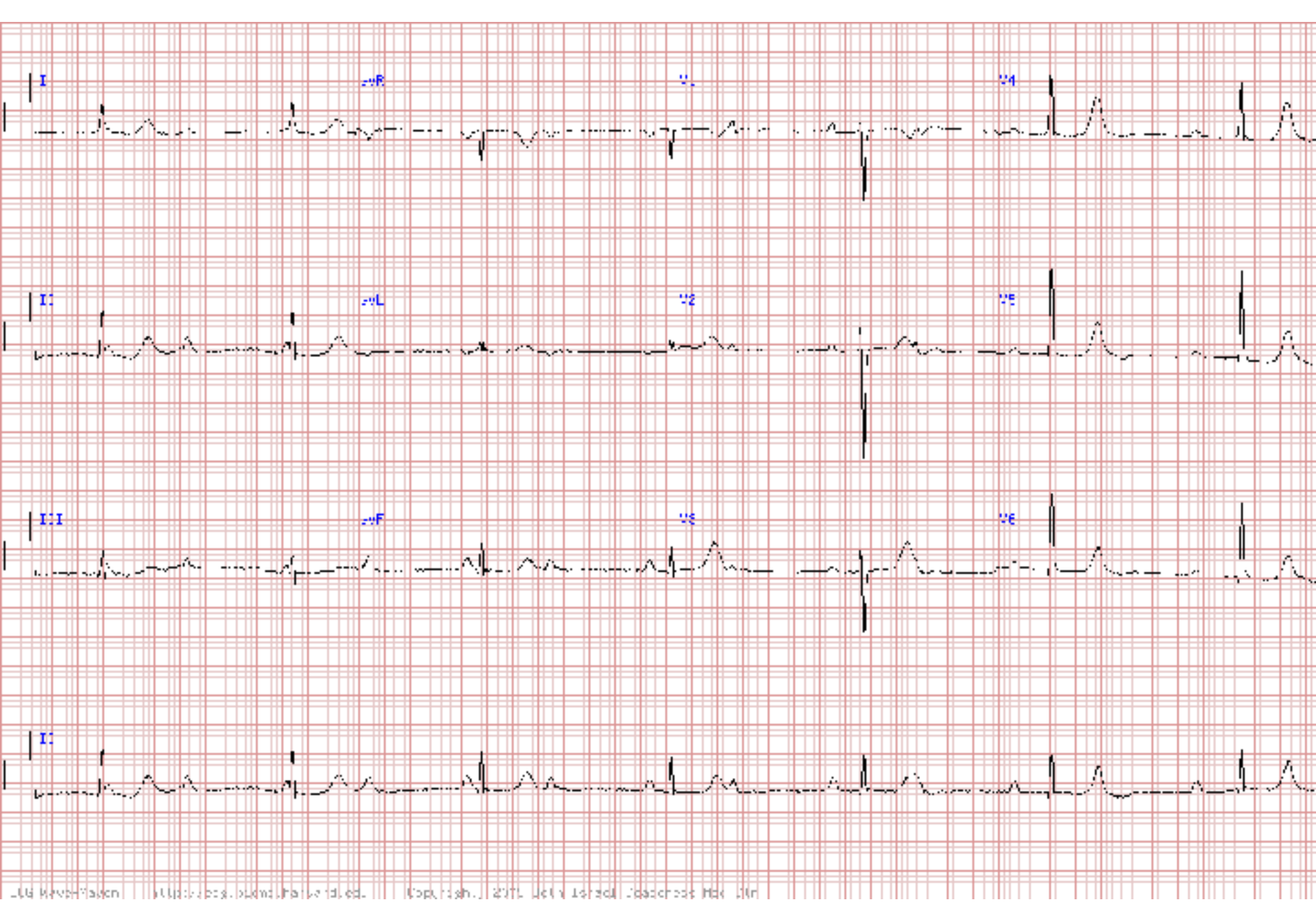
Practice Recognizing Dysrhythmias

…that you will see again.





sinus rhythm with single PAC


I
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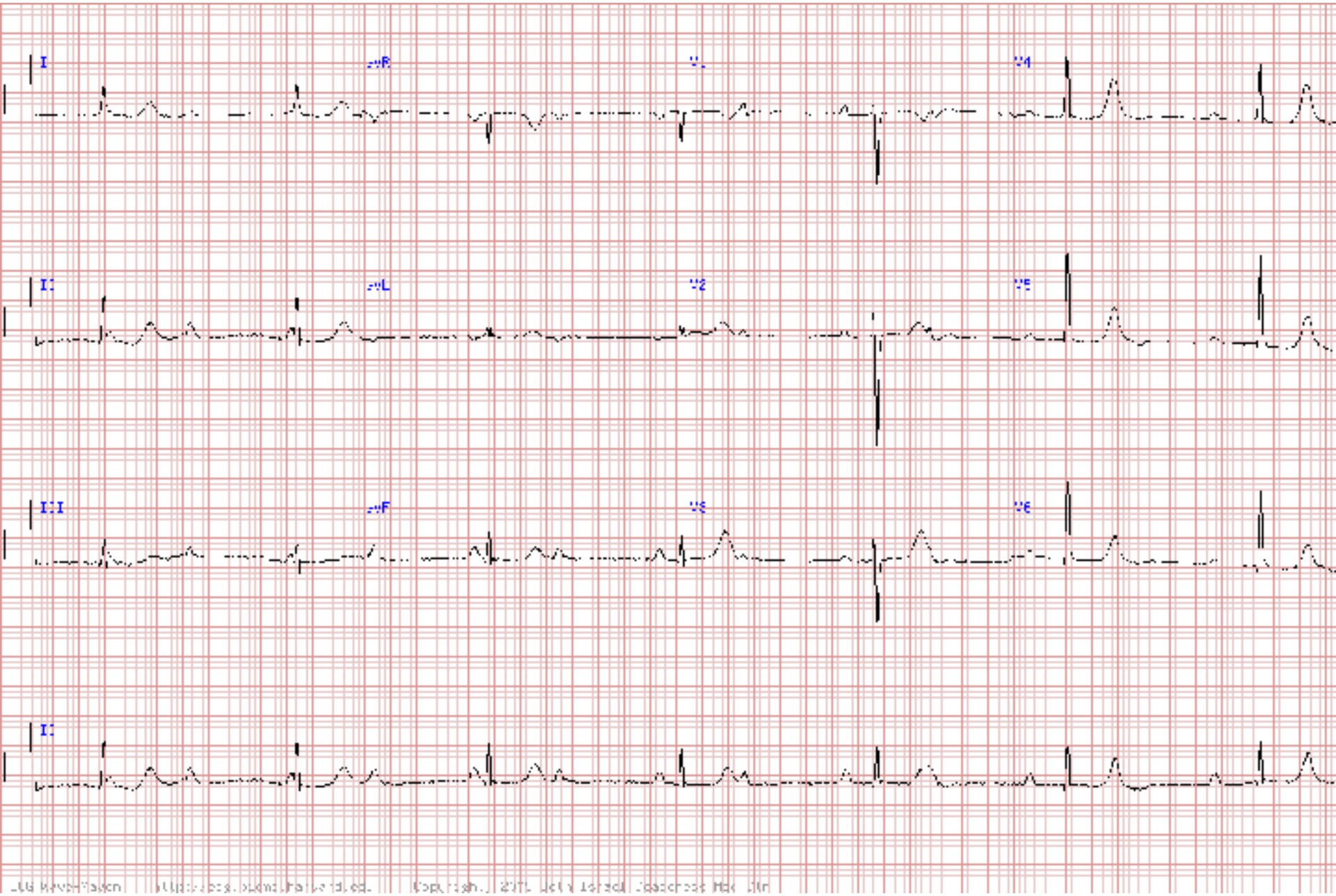
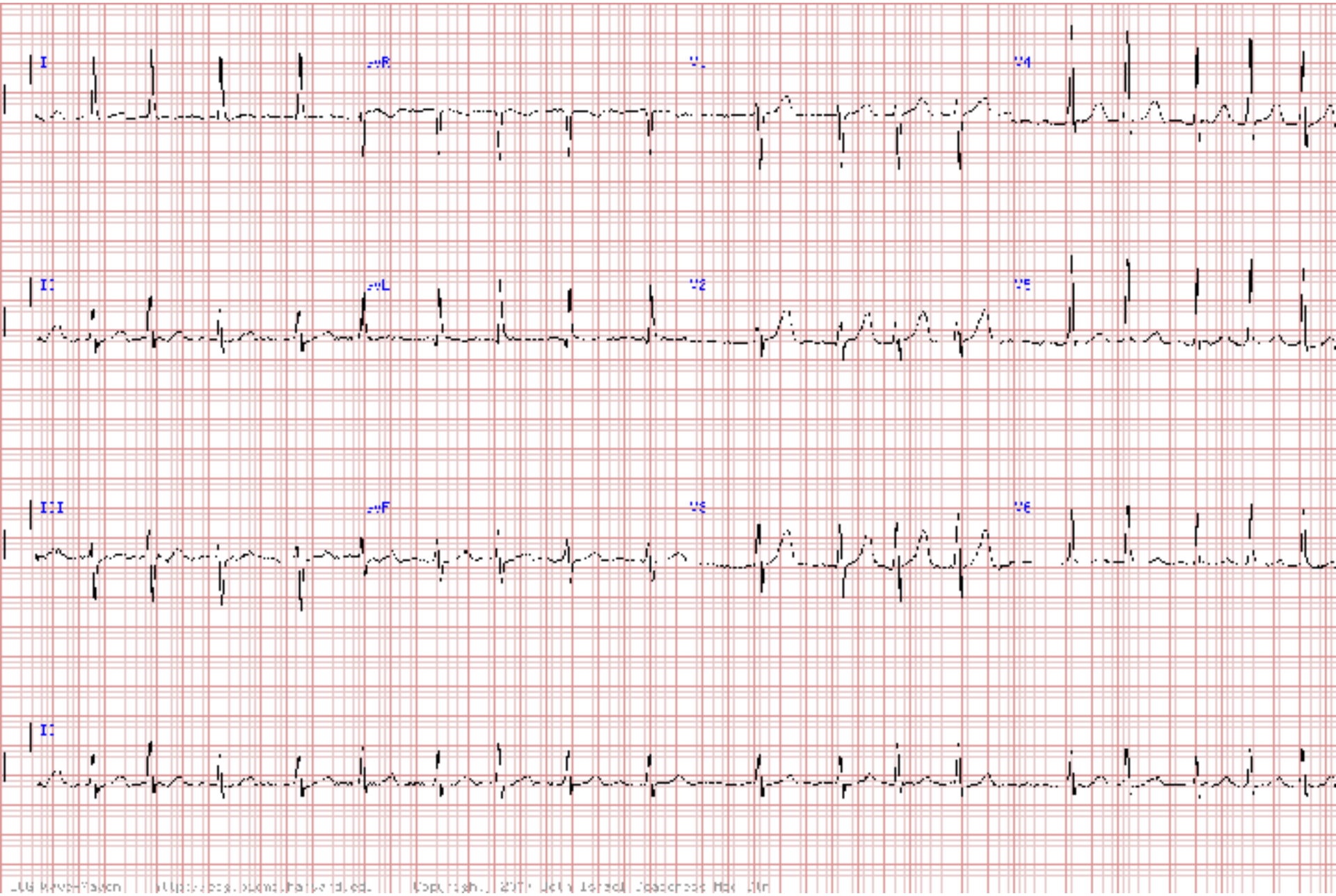
V1
V4
II
aVL
V2
V5
III
aVF
V3
V6
II



complete heart block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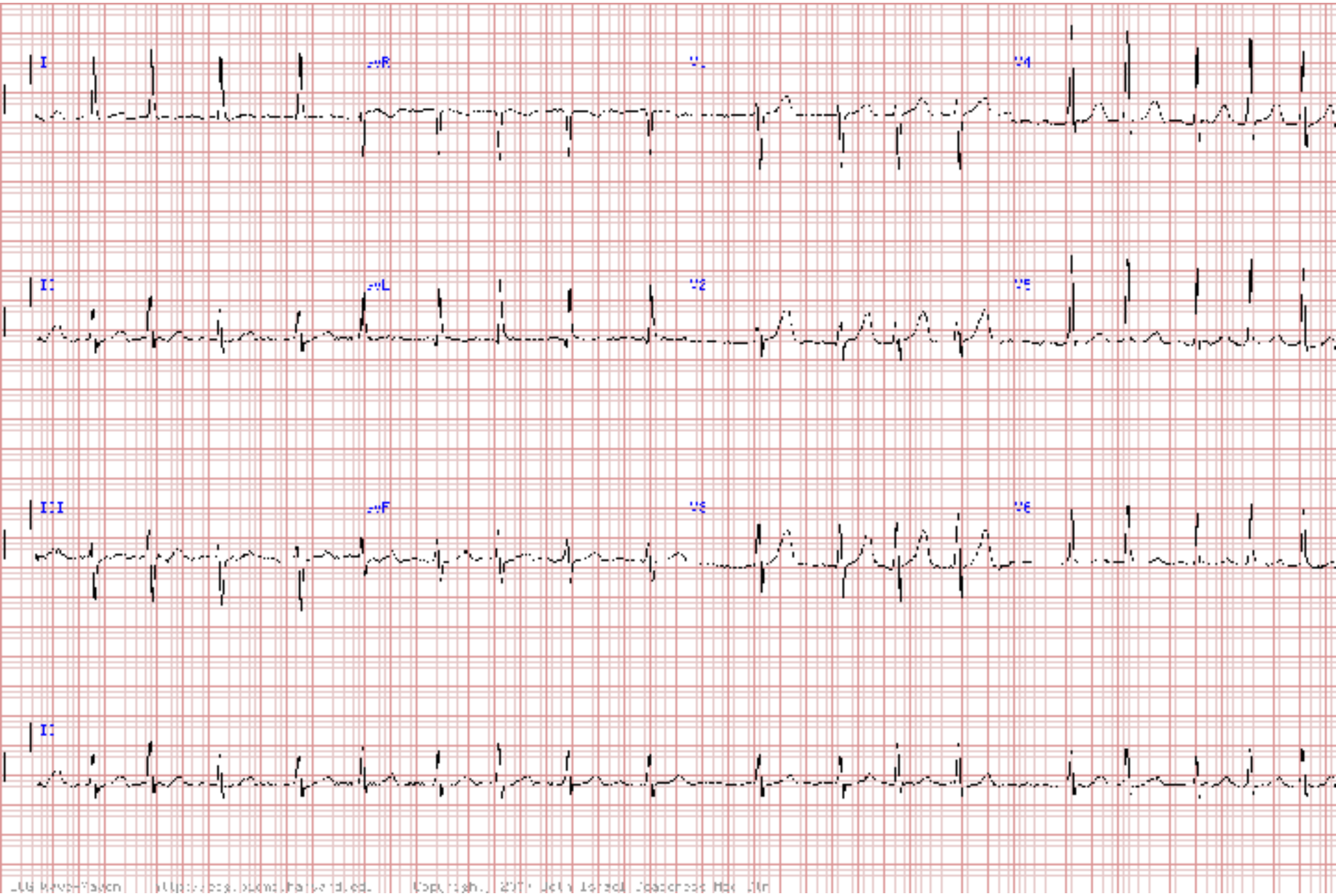
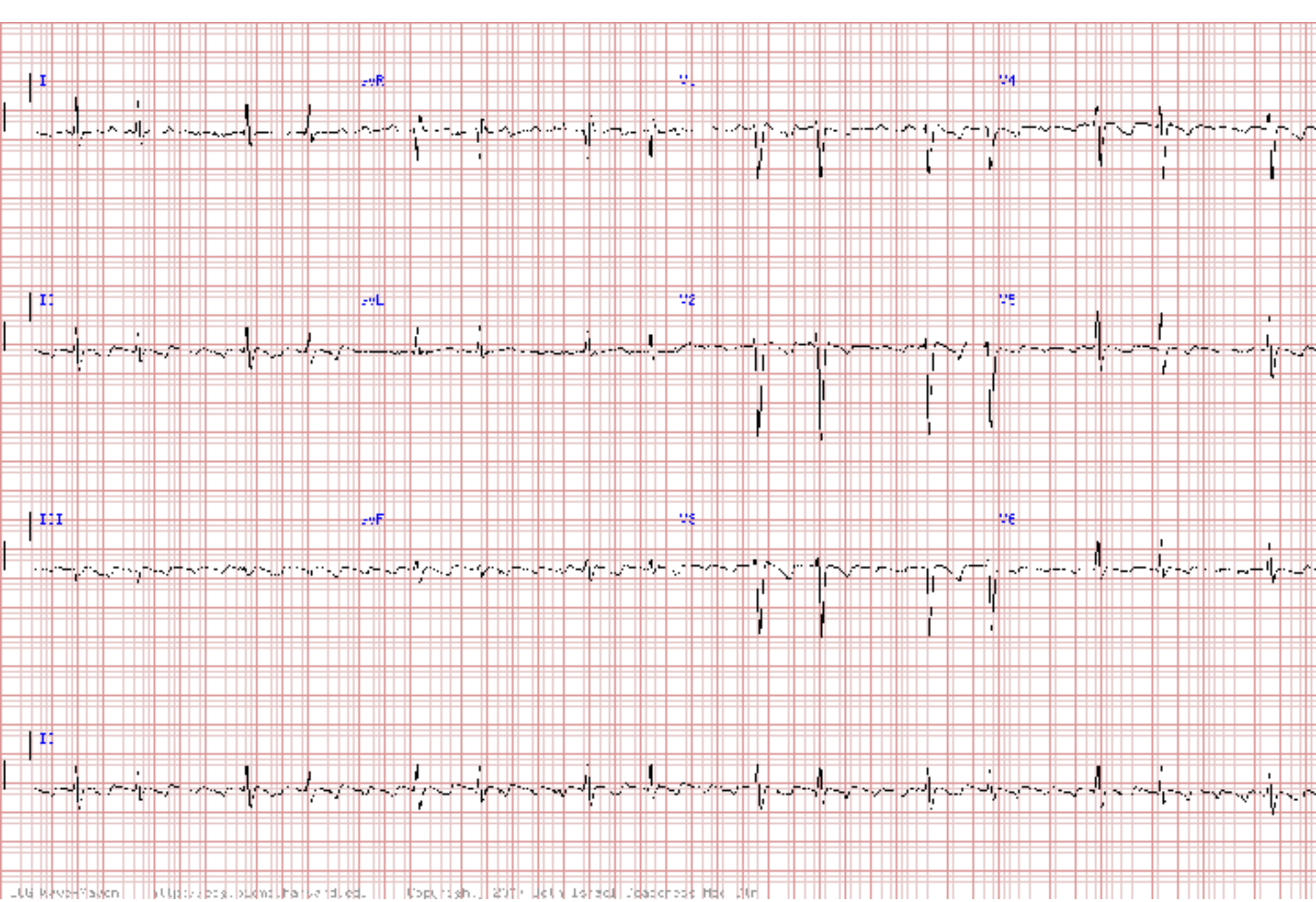


atrial fibrillation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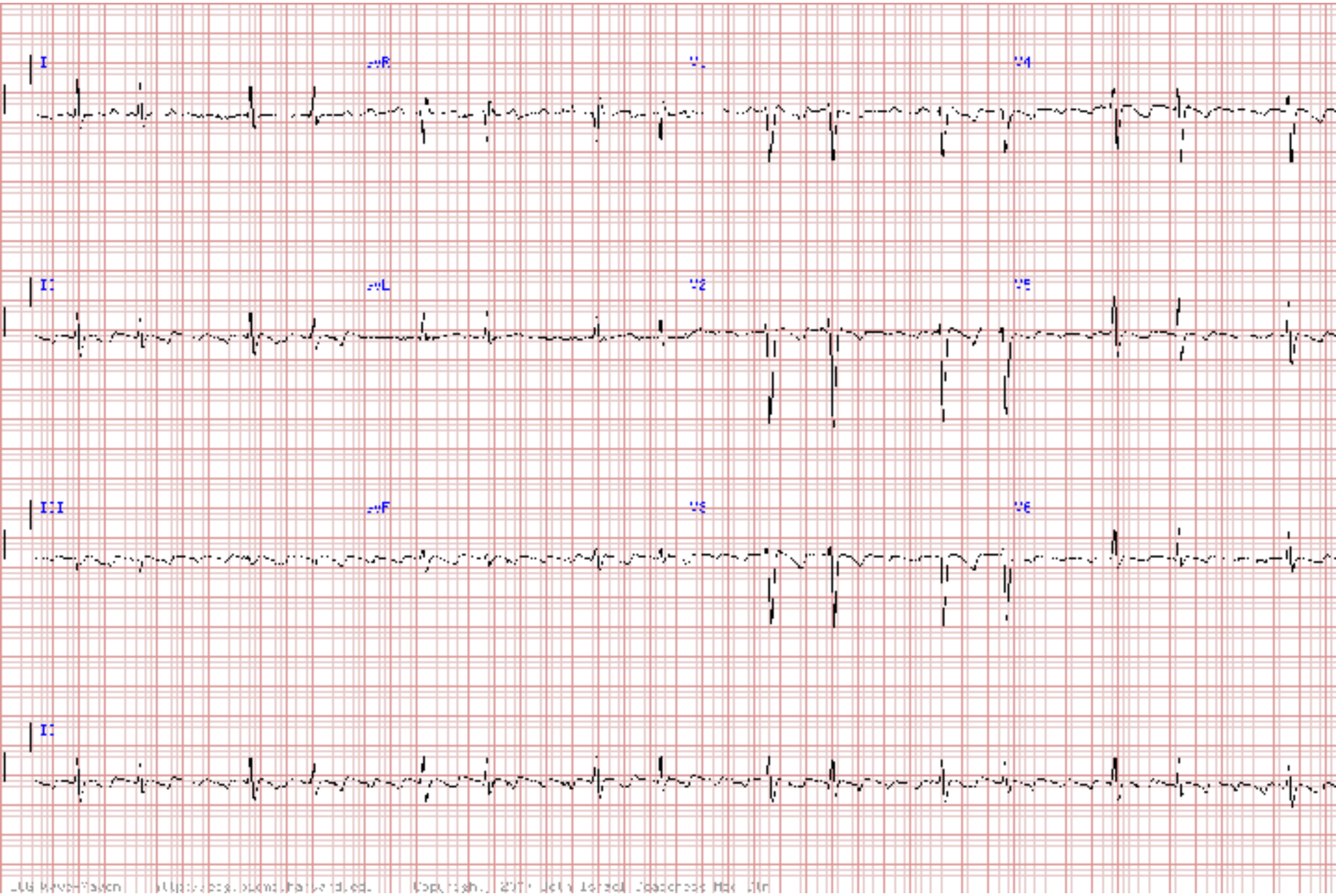
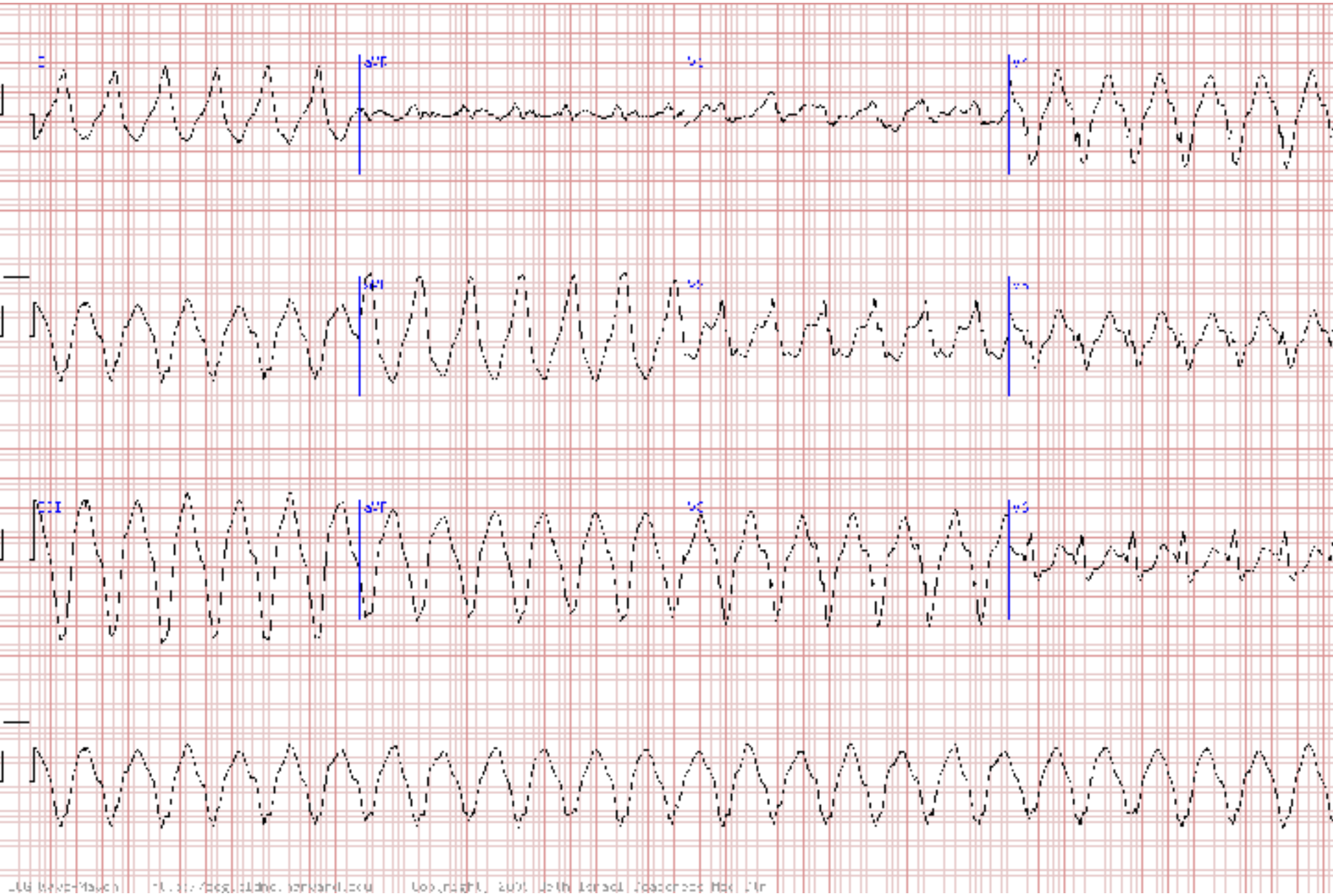
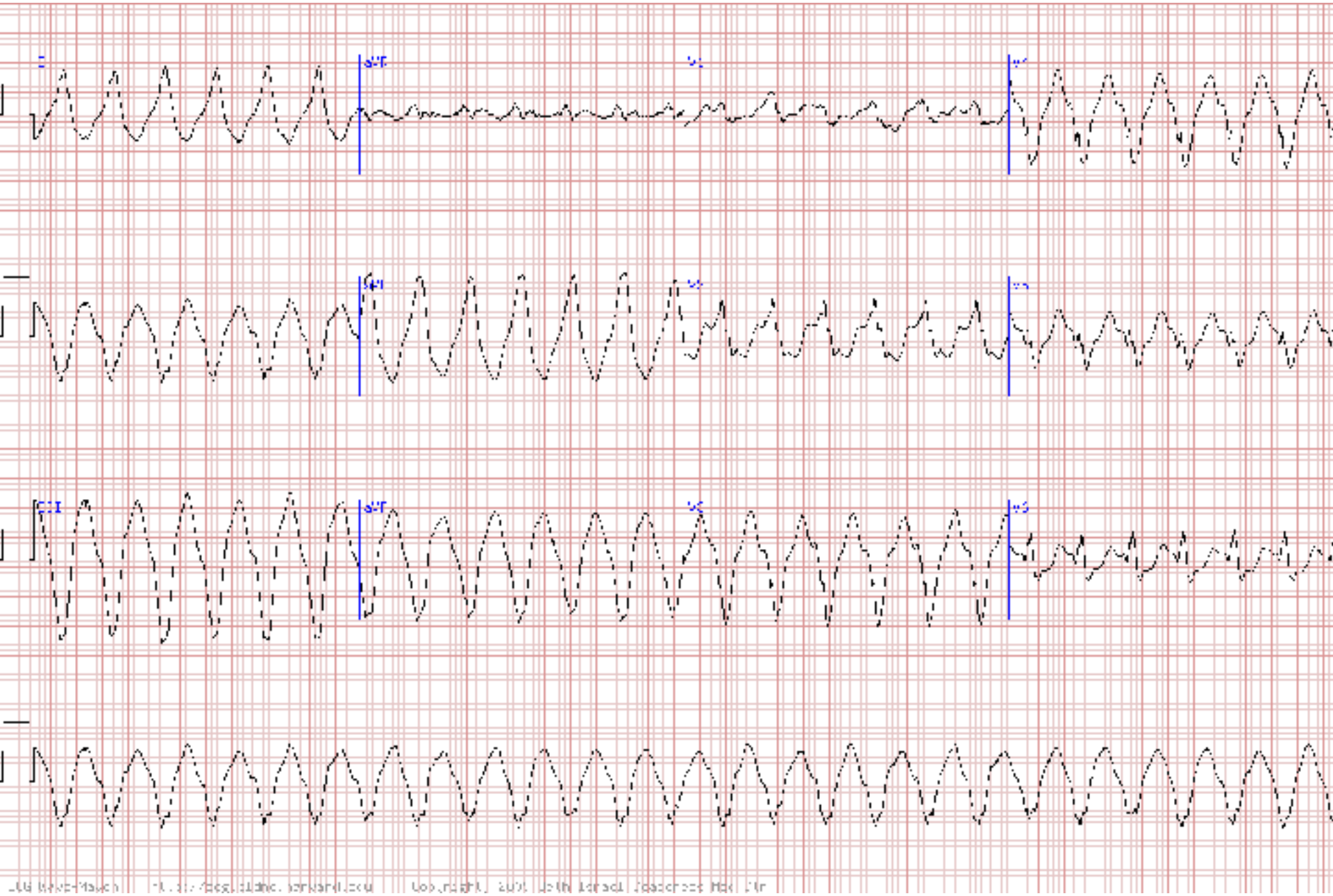
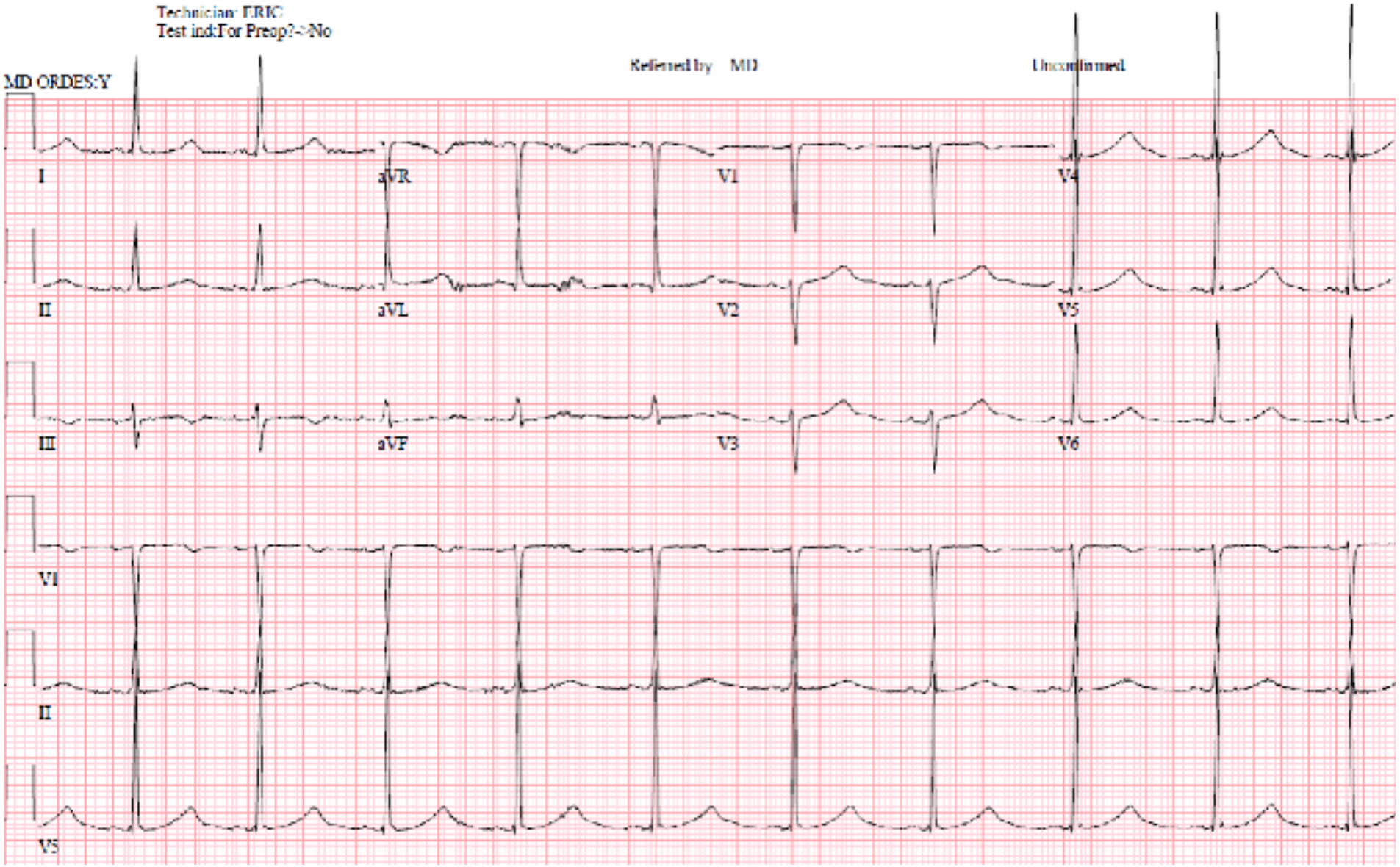


atrial flutter with variable block

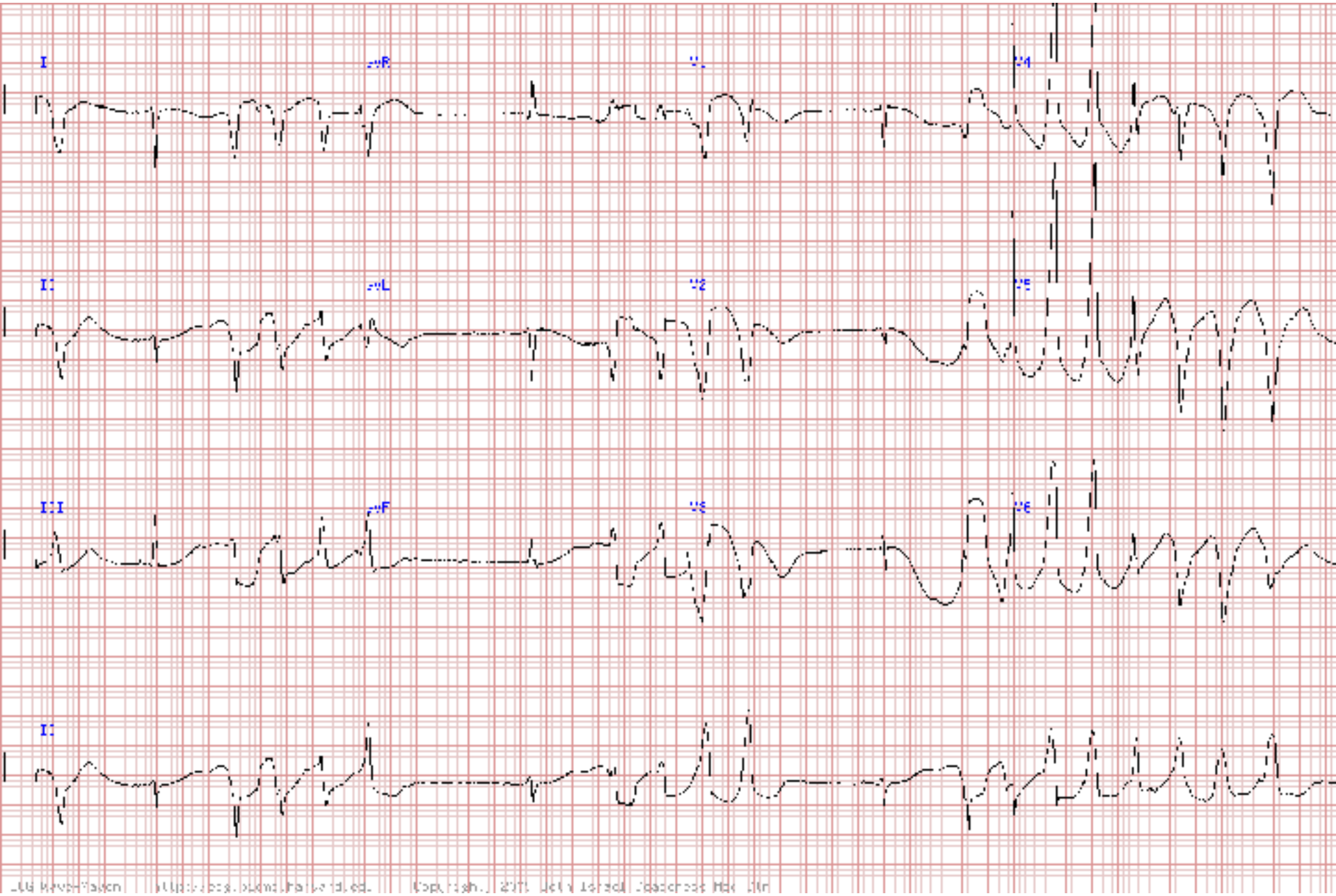




monomorphic ventricular tachycardia



A woman with a history of AF and a recent UTI…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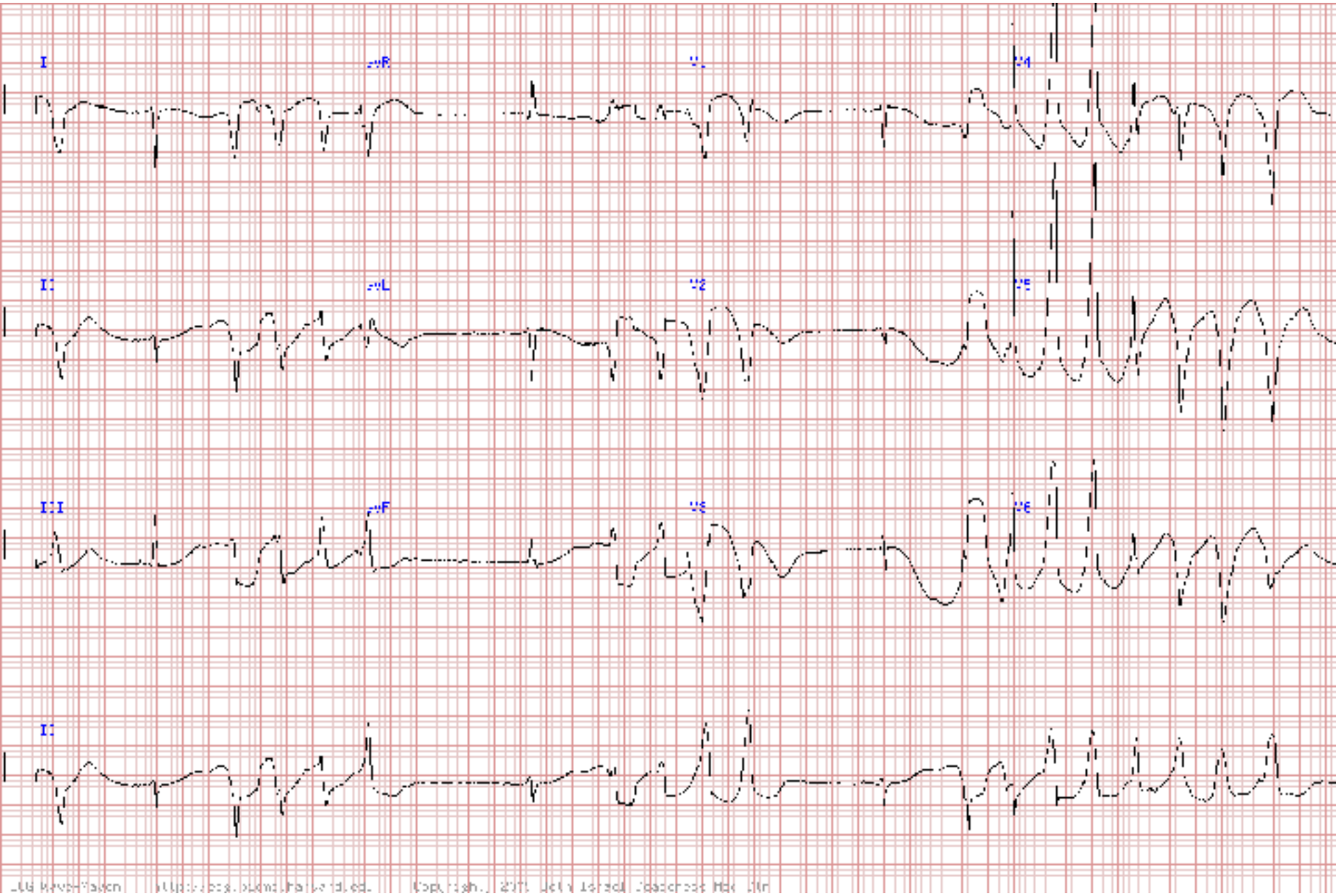
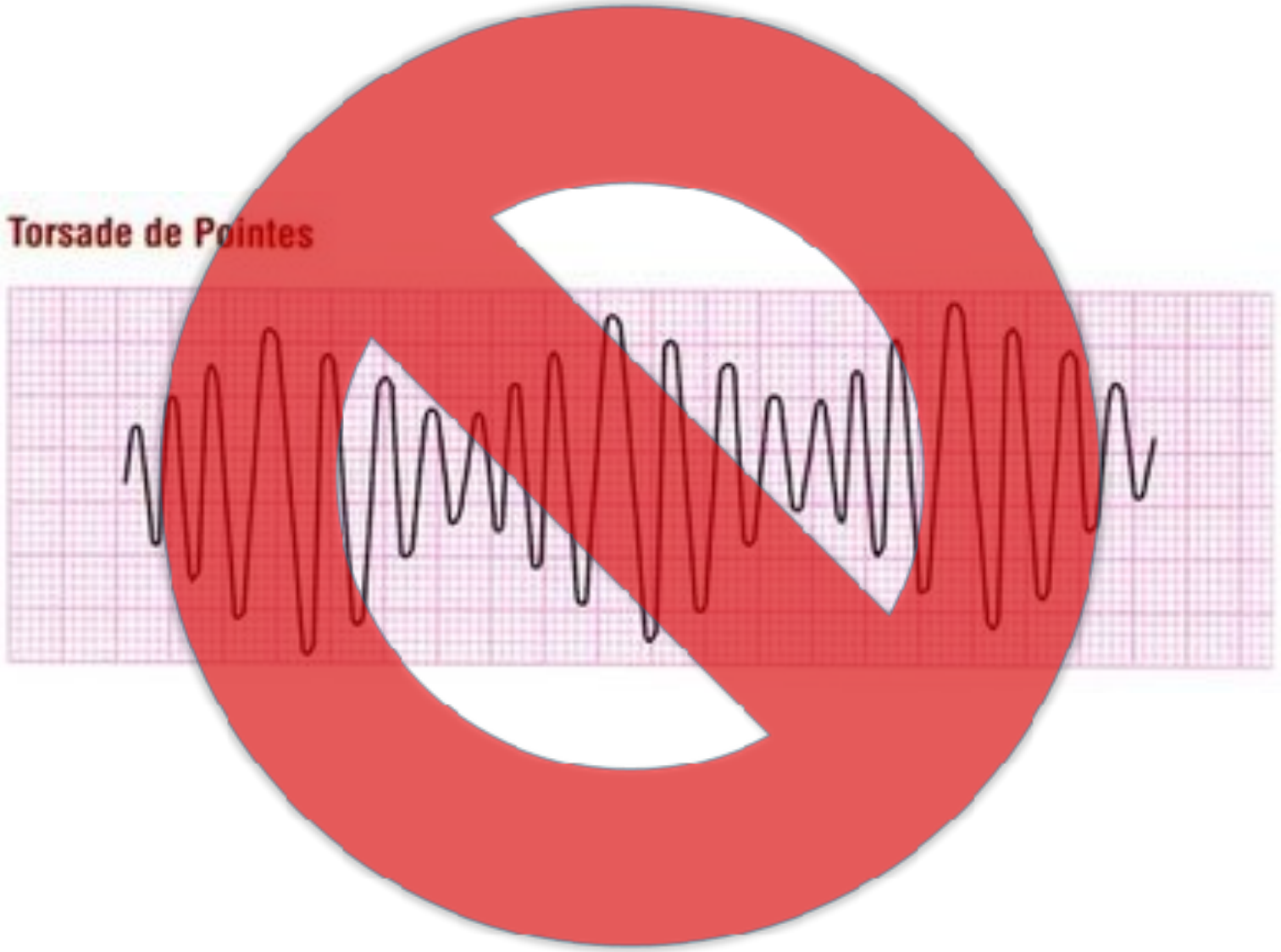


Torsade de Pointes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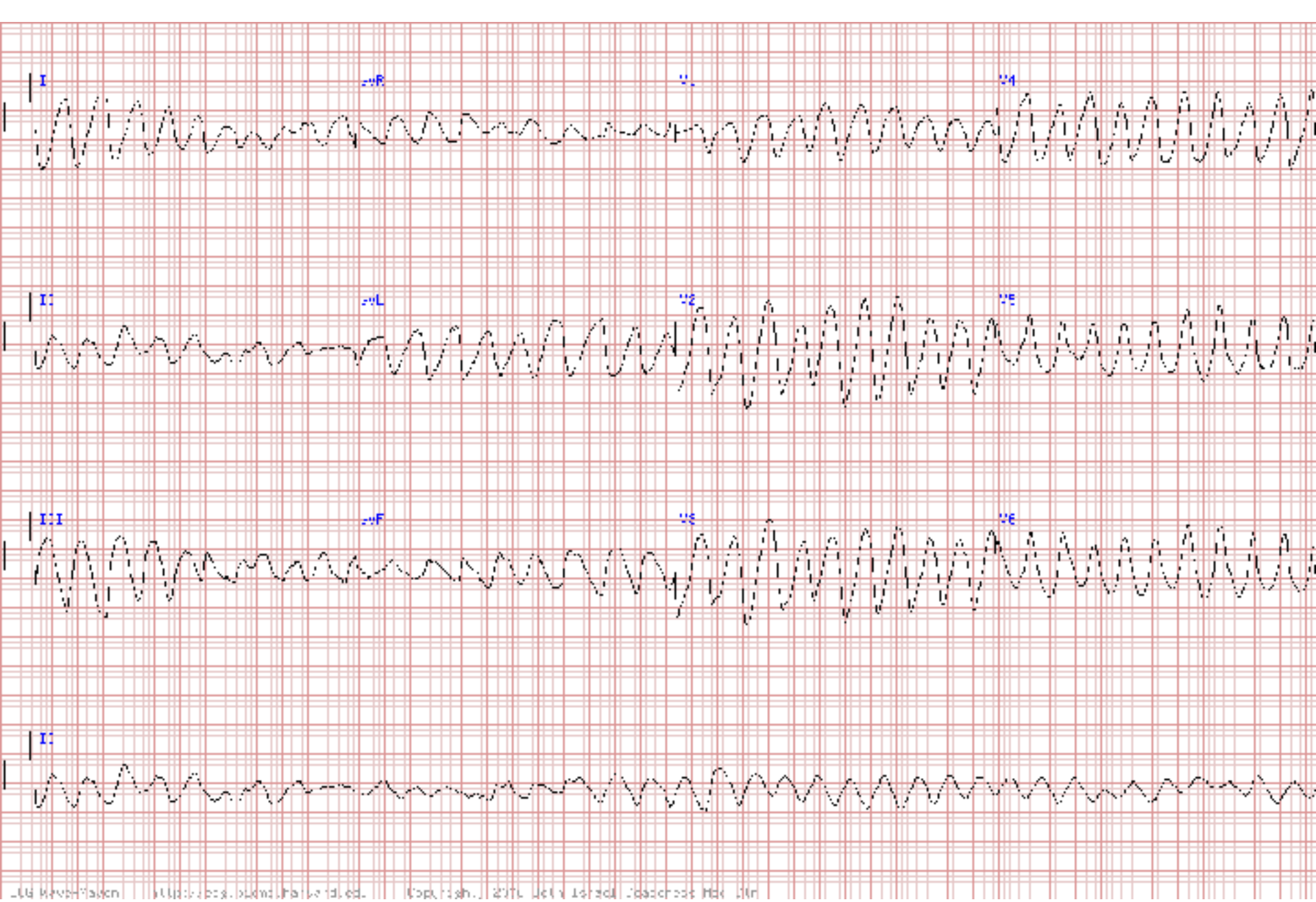
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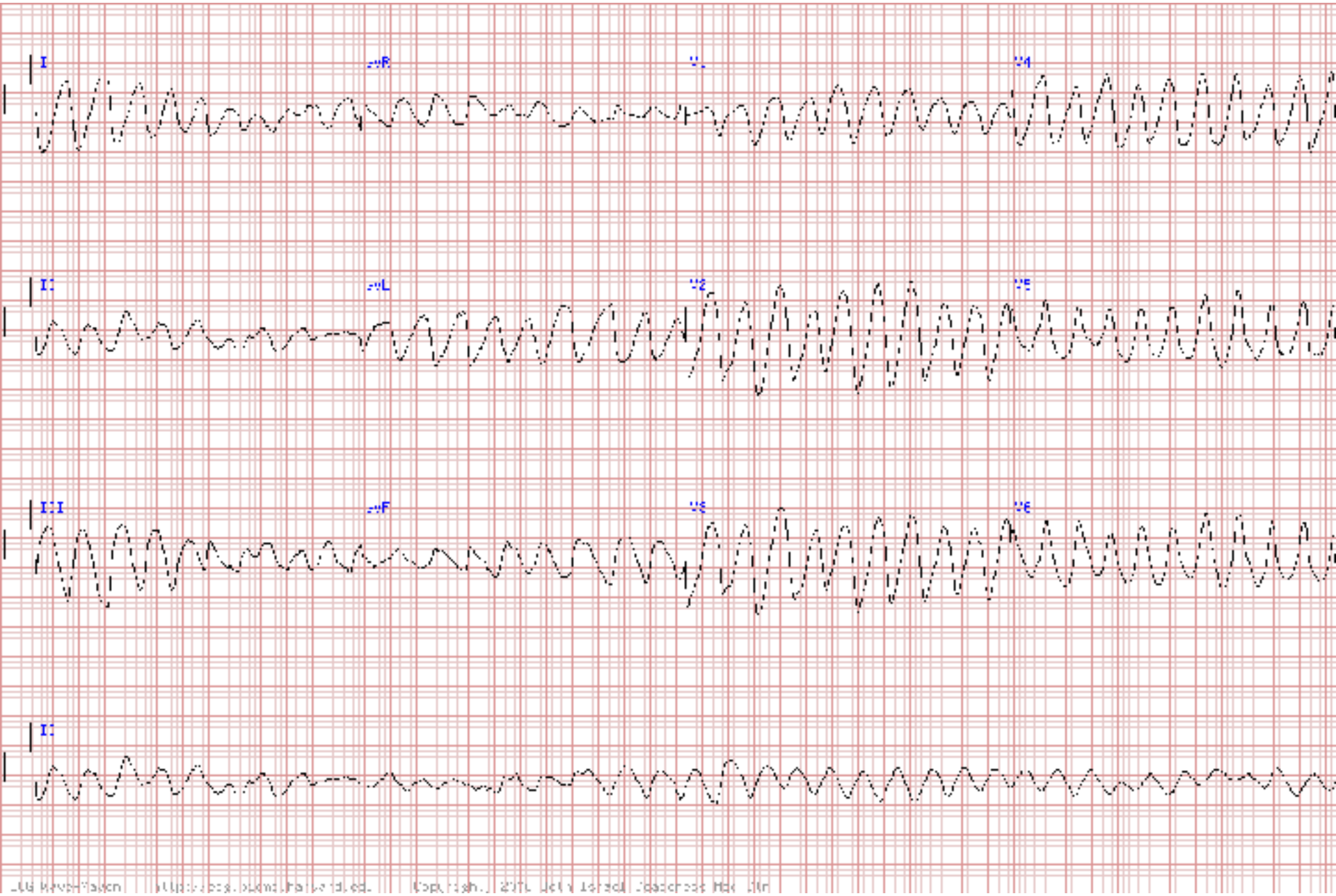

ventricular fibrillation