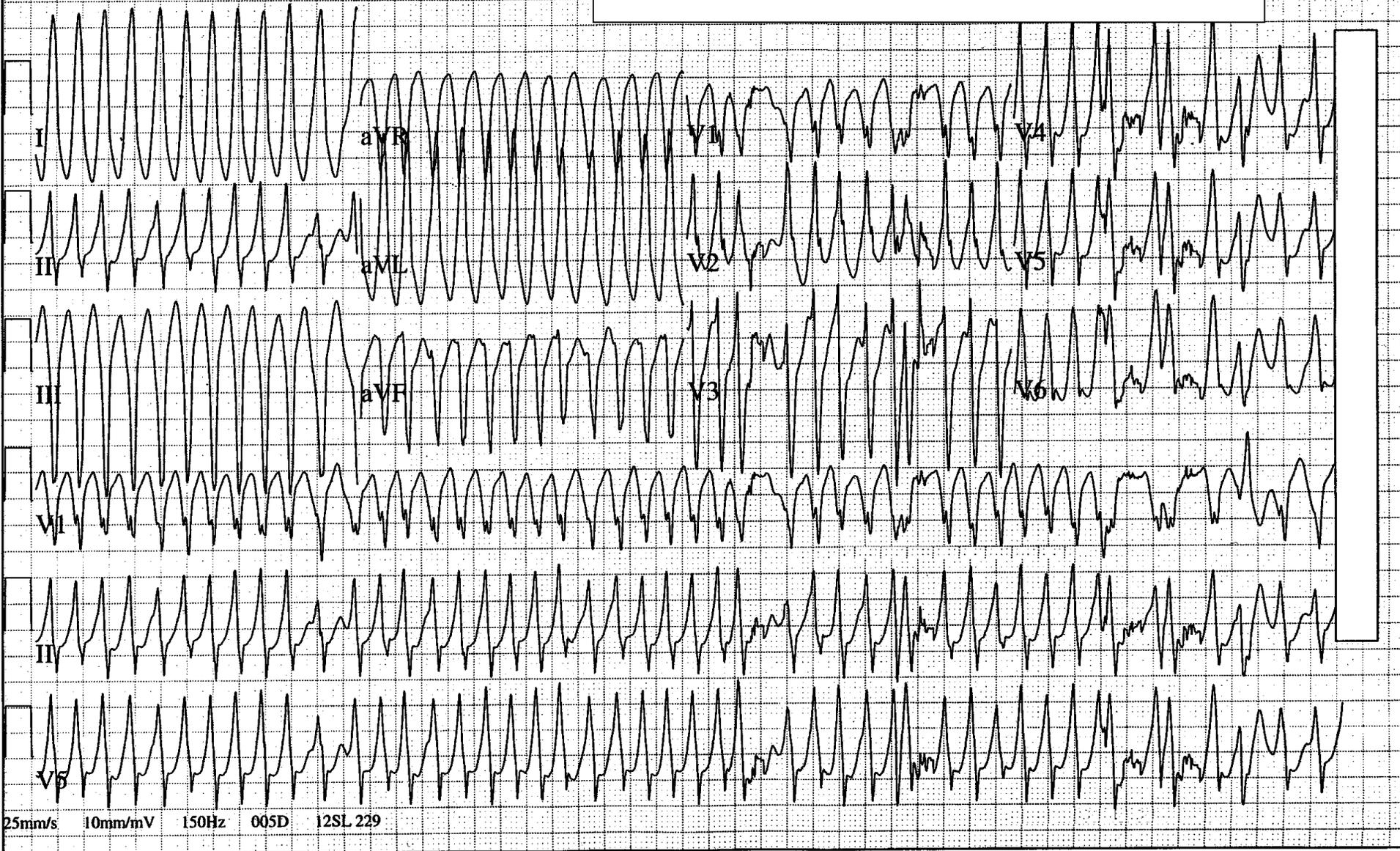


#22

| | | |
|--------------|---------|-----|
| Vent. rate | 273 | BPM |
| PR interval | * | ms |
| QRS duration | 166 | ms |
| QT/QTc | 162/345 | ms |
| P-R-T axes | 180 -34 | 0 |

26 year old male brought to the emergency department,
weak, hypotensive and semi conscious



25mm/s 10mm/mV 150Hz 005D 12SL 229

EKG #22

**Wolf-Parkinson-White syndrome
with Atrial Fibrillation**

Heart Rate $47 \times 6 = 282$ bpm

WPW with Atrial Fib

- Irregularly irregular, wide complex tachycardia
- Impulses from the atria are conducted to the ventricles via
 - 1) Both the AV node and accessory pathway
 - 2) Just the AV node producing a narrow complex
 - 3) Just the accessory pathway producing a broad complex
- Rhythm has very short R - R intervals and a high risk of VF
- Can lead to sudden cardiac death
- Can lead to “Tachycardia induced Cardiomyopathy”