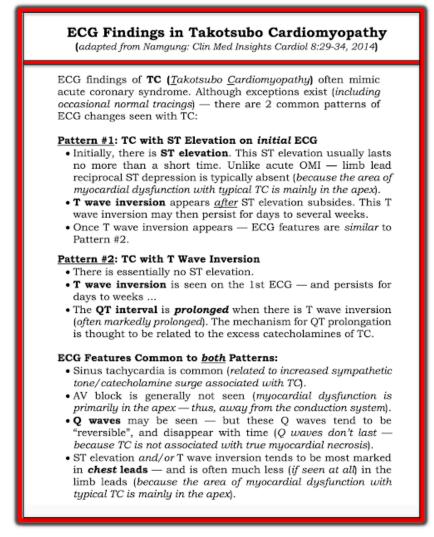
Clinical Setting: 68 y F who presents with agitation, with a reported intentional benzodiazepine overdose.

HR - 70 BP - 175/110 RR - 20 SpO2 - 97% Temp - 99.2 F This is a case of Takotsubo Cardiomyopathy.

What stands out here - the absolute massive T wave inversions. Looking through the whole tracing, there is a sinus rhythm, normal rate. Normal axis, normal appearing QRS complexes. The T waves are inverted throughout, and MASSIVELY huge. This causes significantly prolonged QTc as well.

With these giant T inverted T waves, there are only a couple options. Cardiomyopathy, typically stress cardiomyopathy, can cause this. CNS catastrophe (large subarachnoid hemorrhage) is the other main item on the differential. See the link below for Dr. Smith's take on this case.

Takotsubo can present in 2 main ways - like this EKG, and also like a STEMI - and these can be indistinguishable via EKG, and sometimes on ECHO (a wraparound LAD lesion can cause the typical "apical ballooning" seen in Takotsubo).



(case source - Link to Dr Smith's Blog for this case)