

Coronary artery aneurysm

Evgeny Merkulov

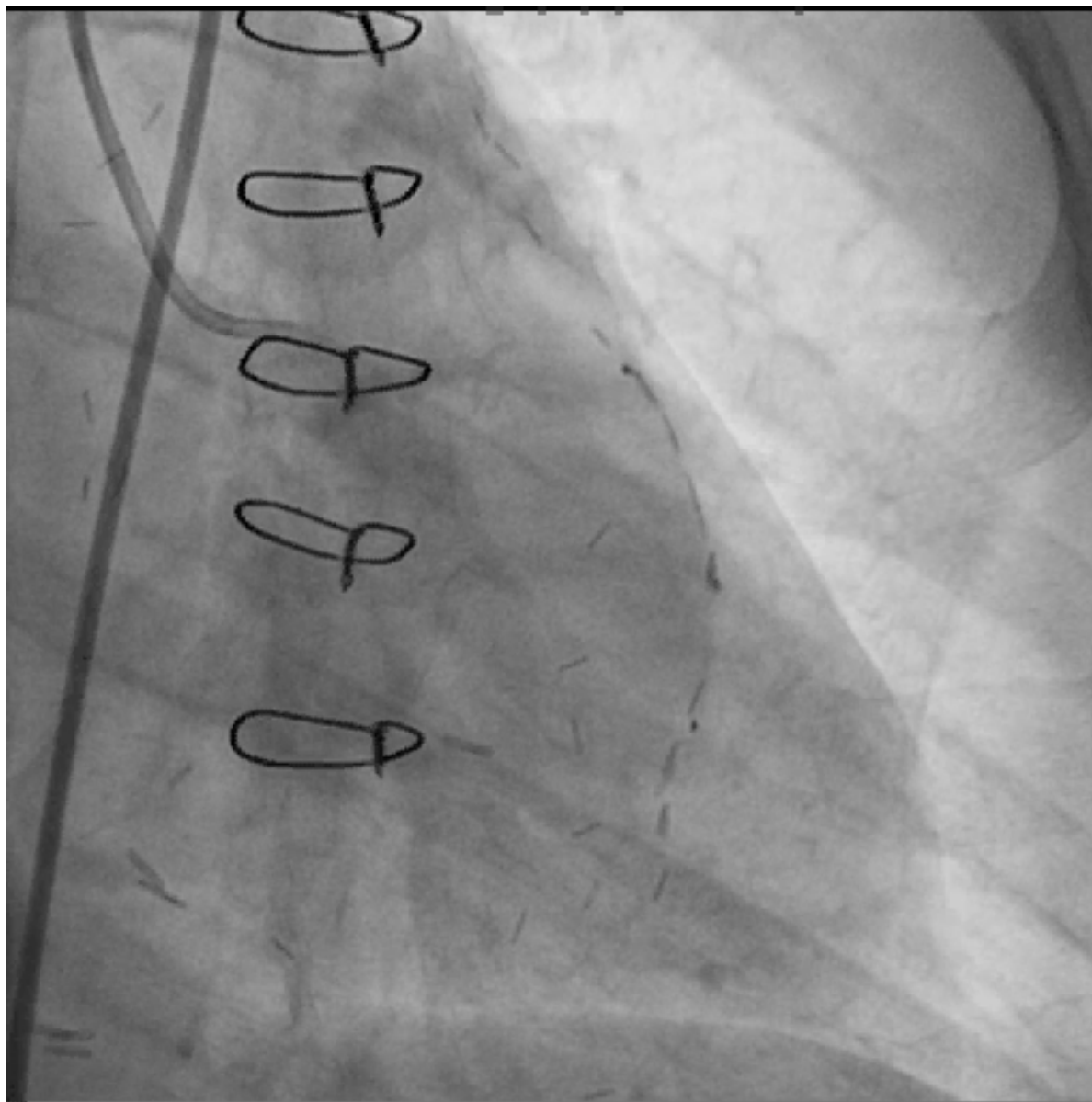
**Russian Cardiology Research Center
Moscow**

History

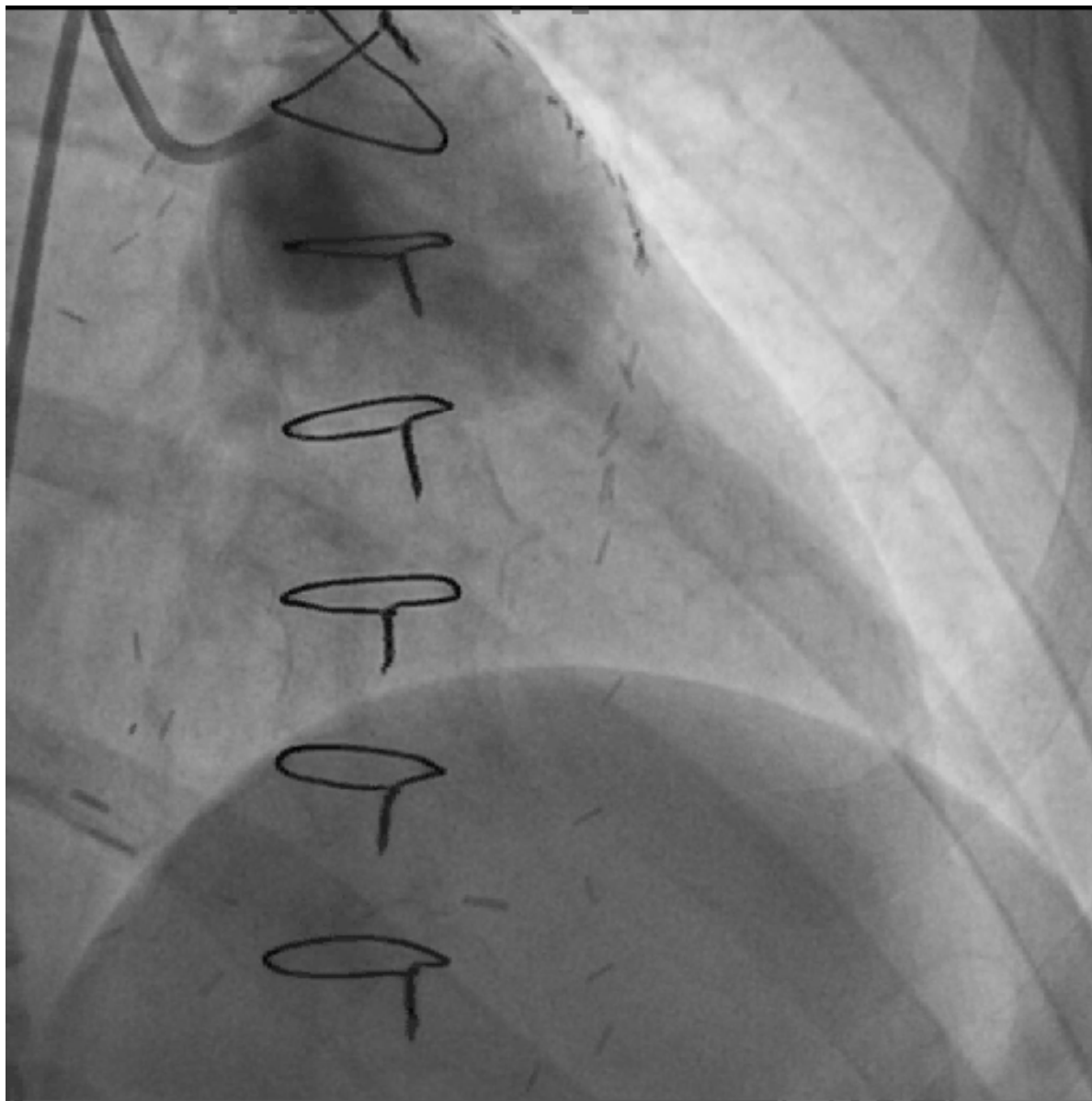
Patient G, 35 y.o., female

- MI (2001)
- CABG (2002) – LIMA to MB, RIMA to RCA
- Pyelonephritis (2007)
- Peptic ulcer disease (2008)

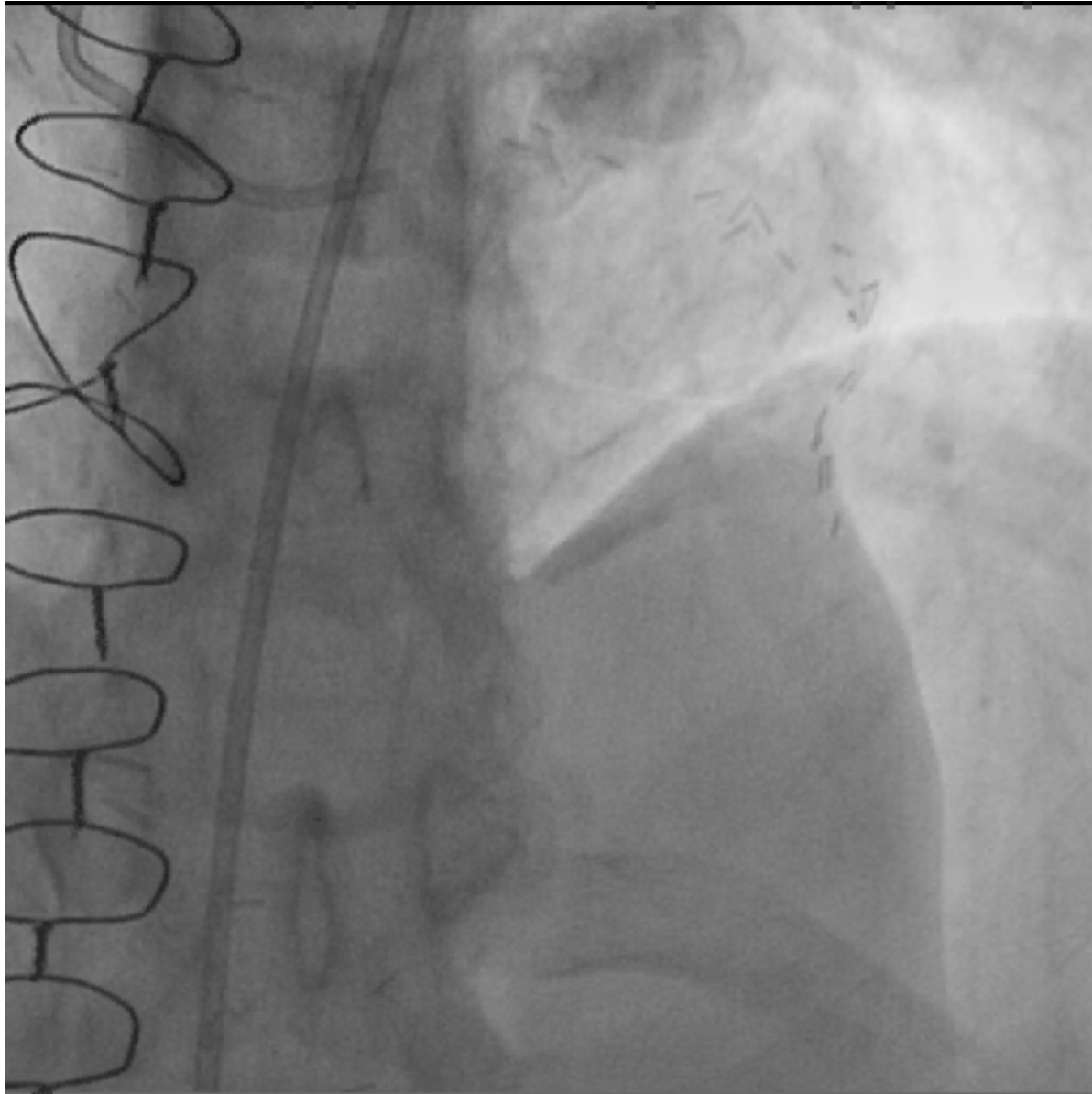
LCA



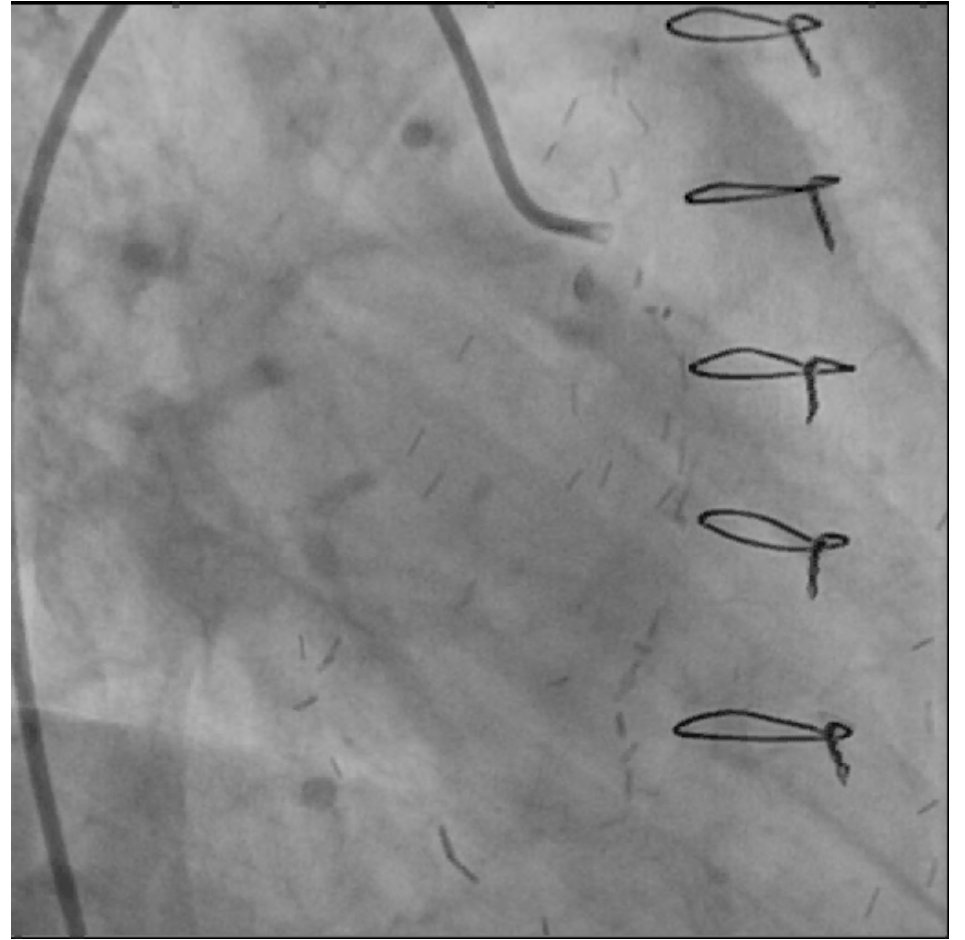
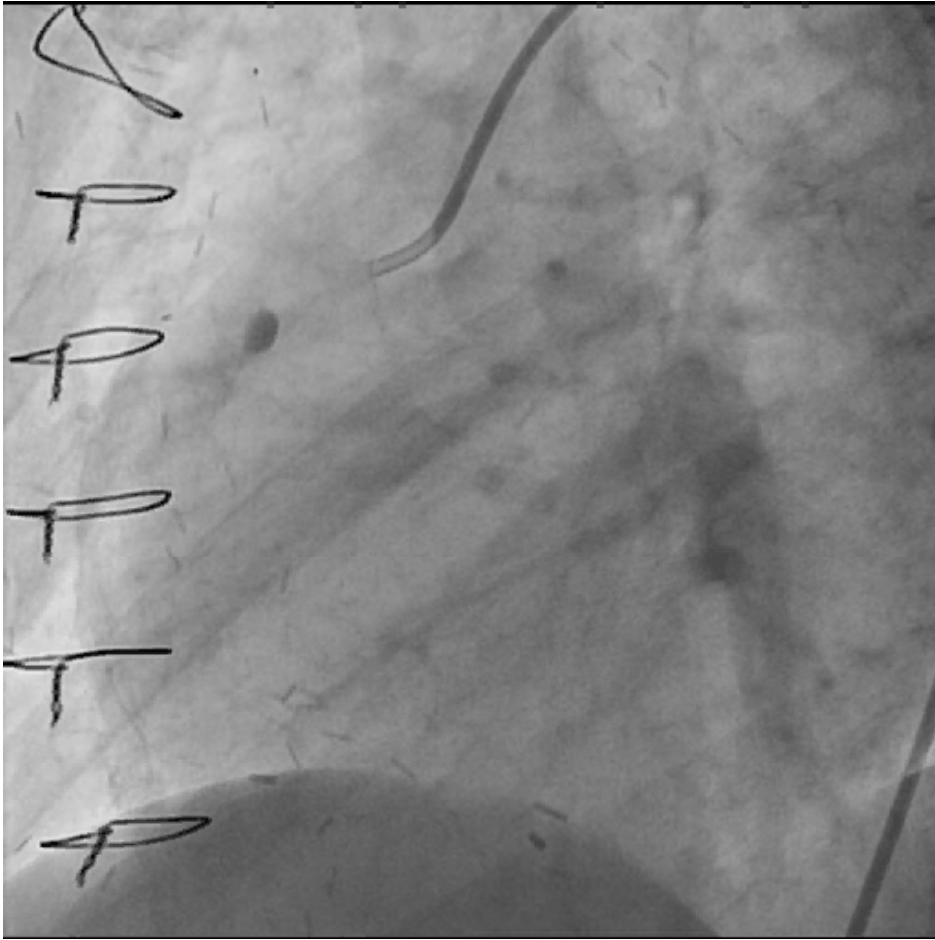
LCA



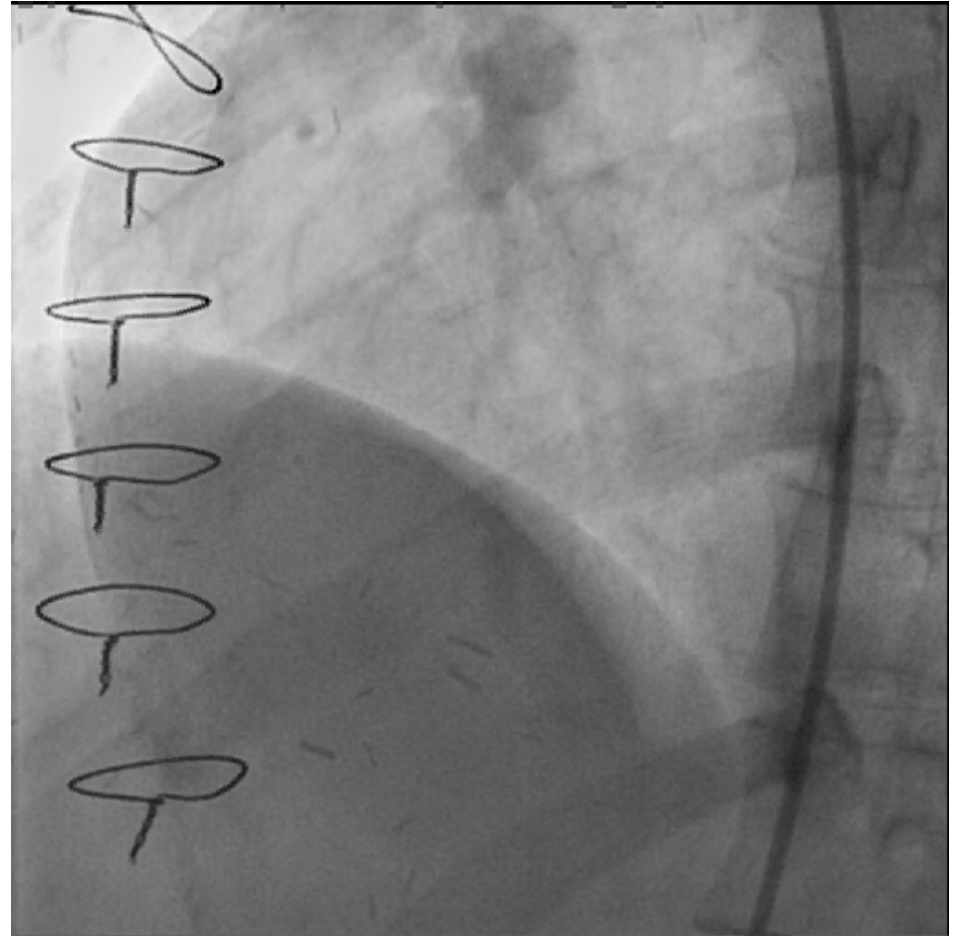
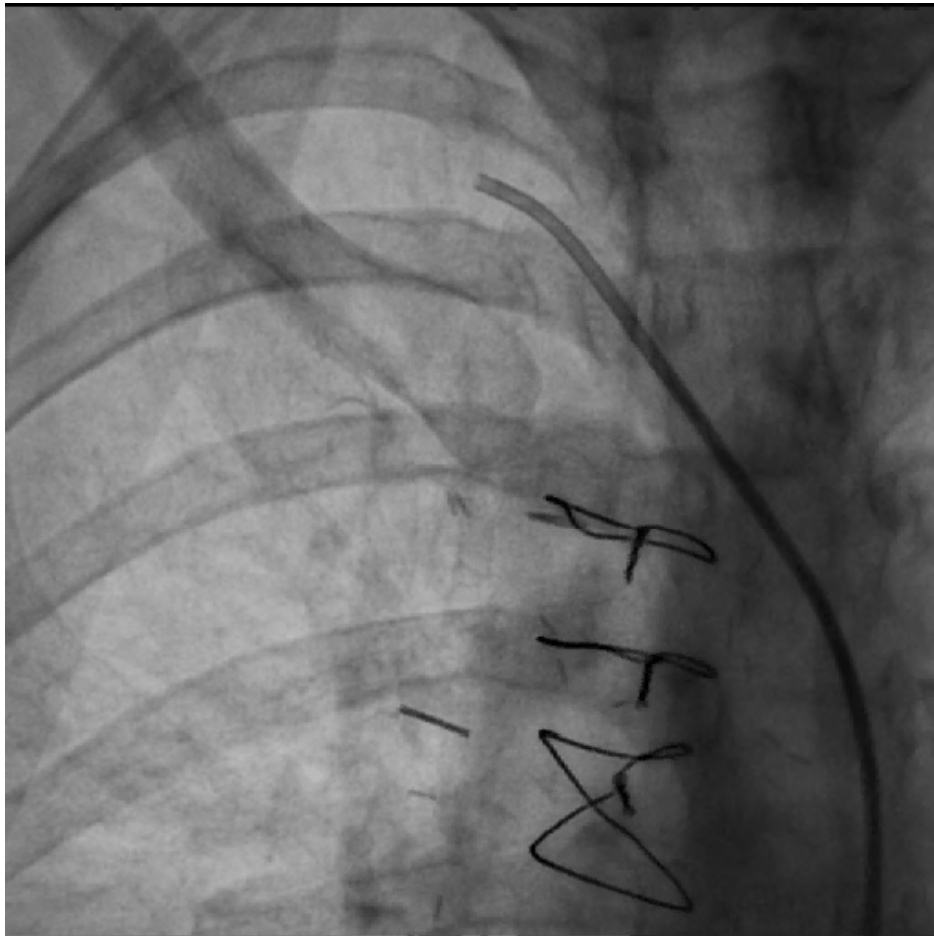
LCA



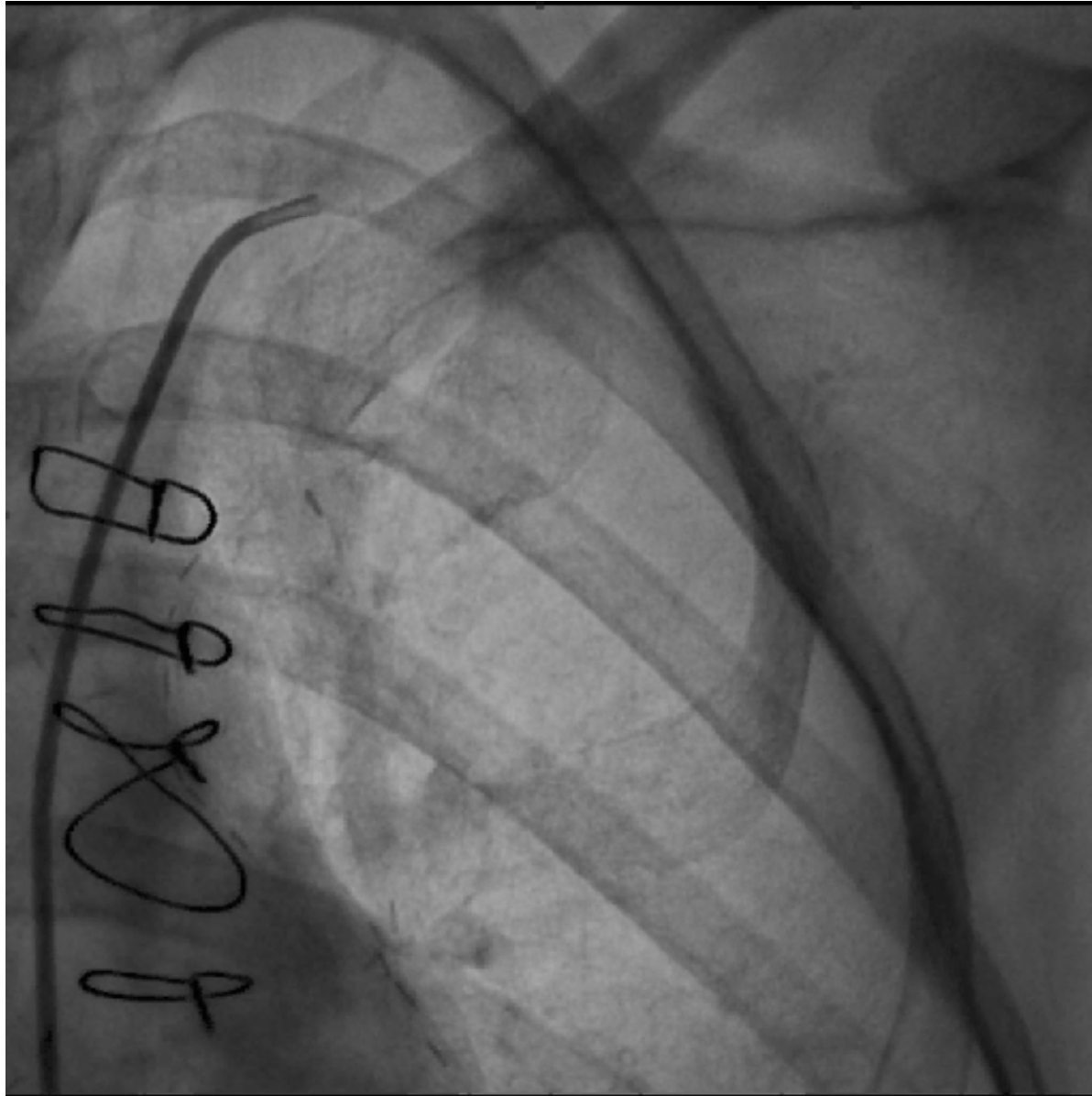
RCA



RIMA

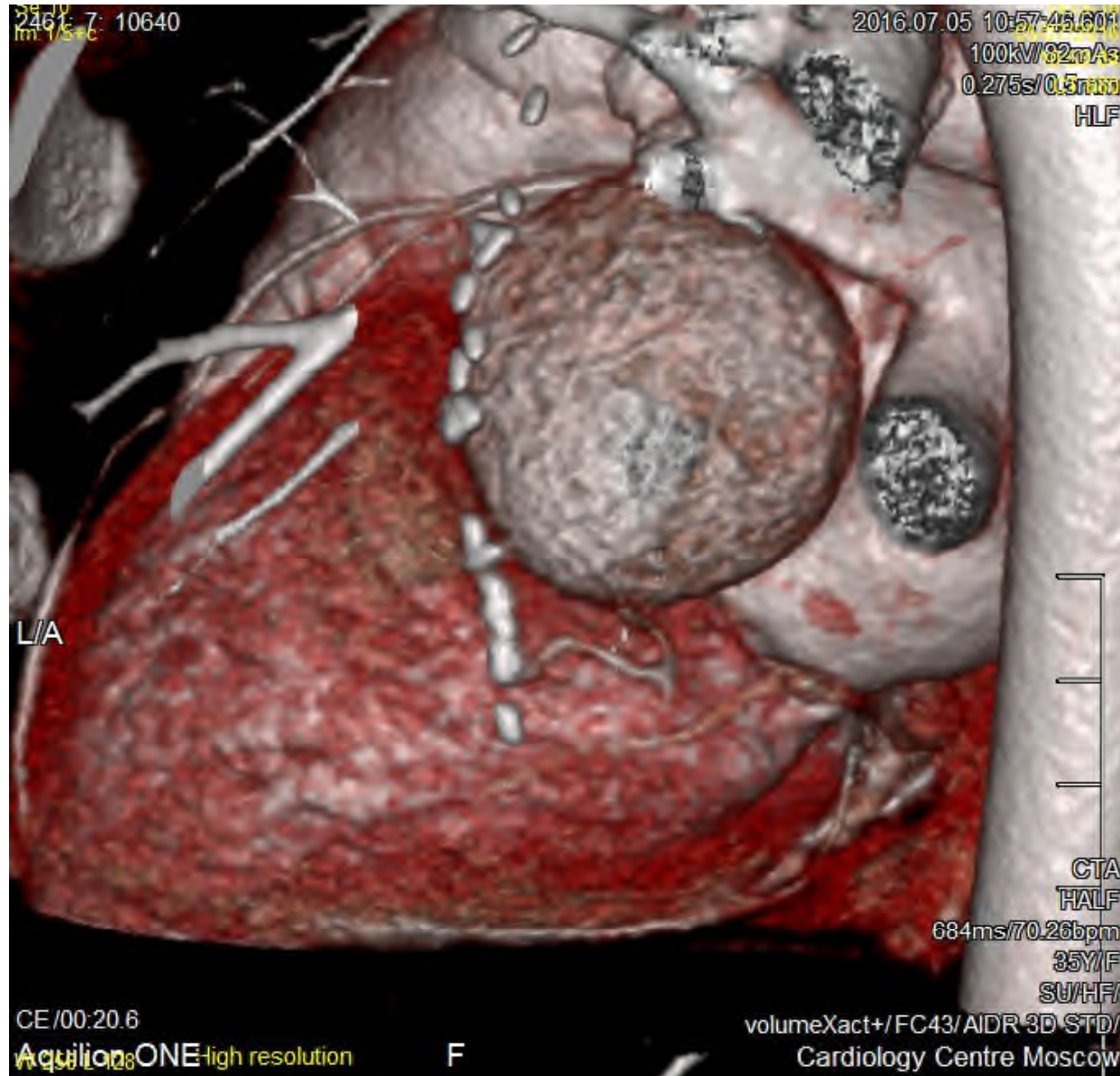


LIMA

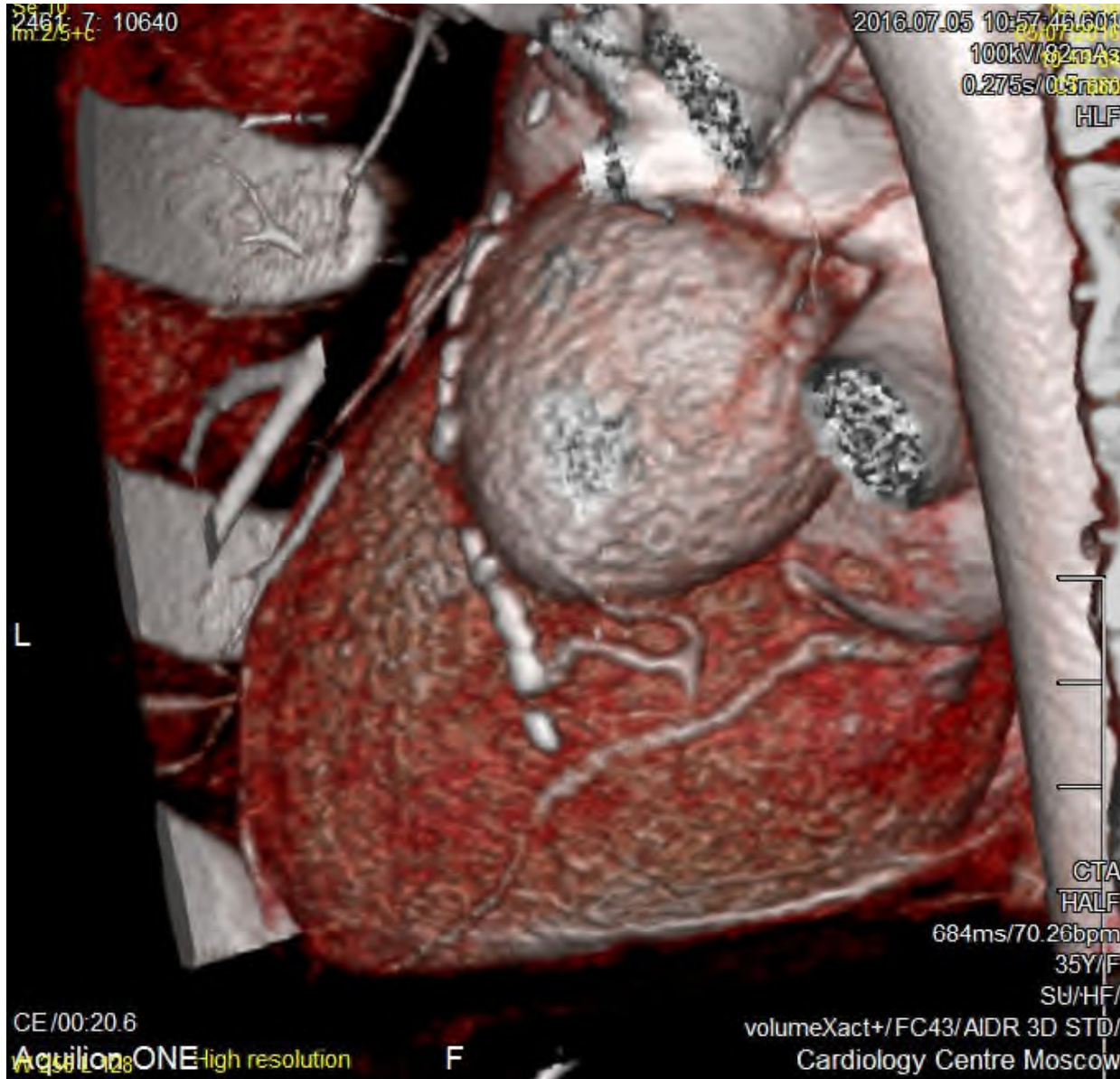


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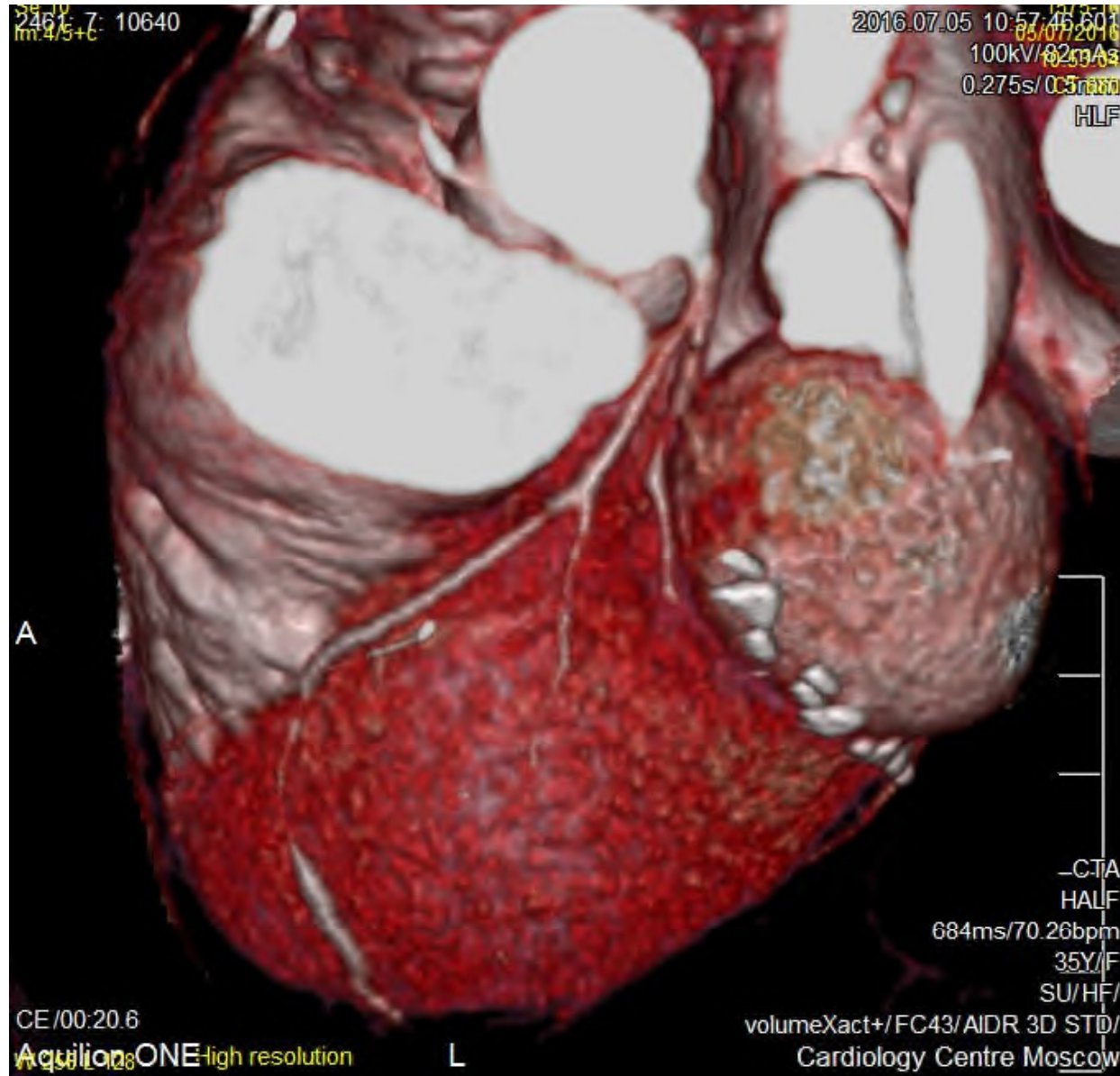
CT



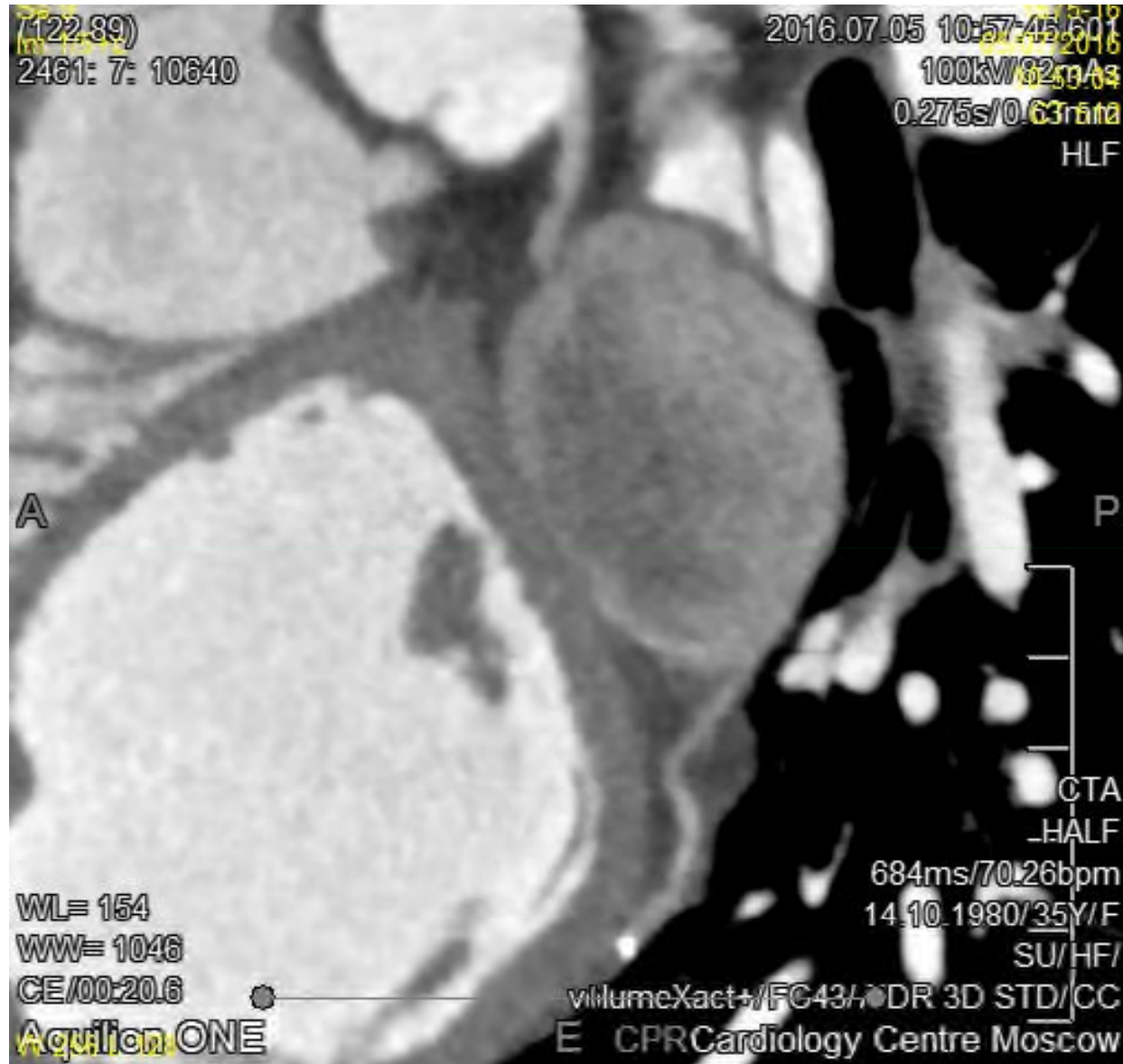
CT



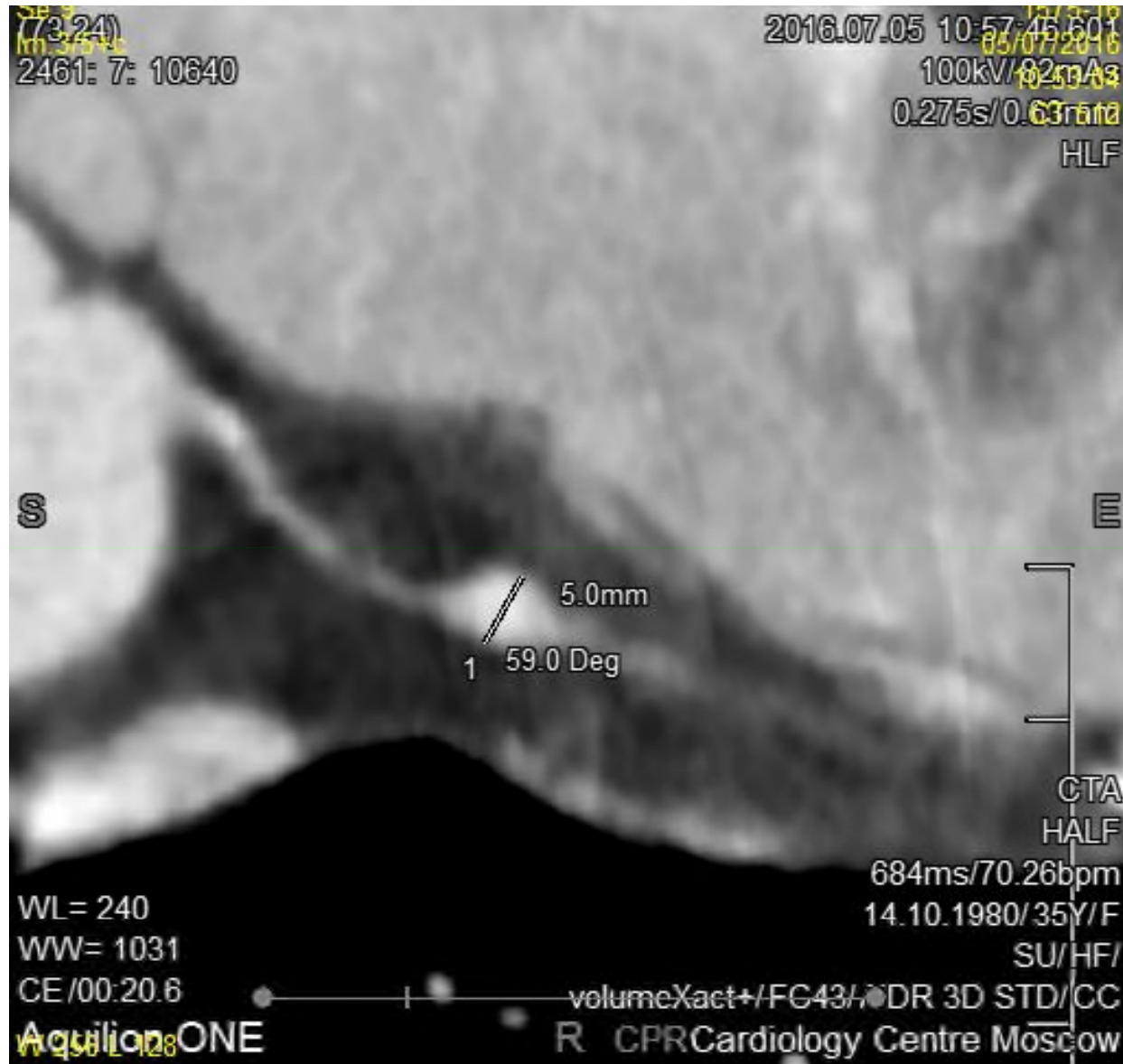
CT



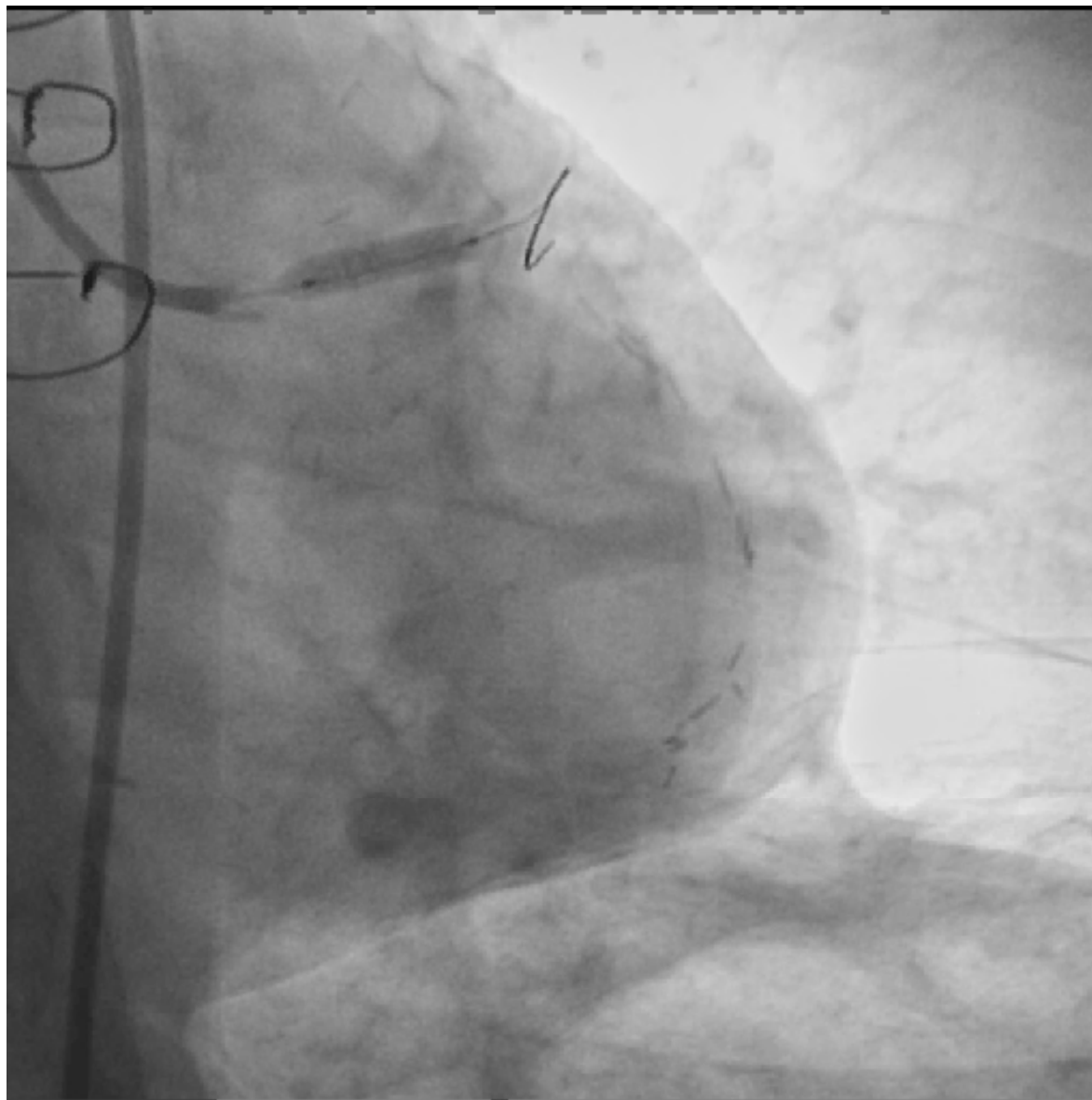
CT



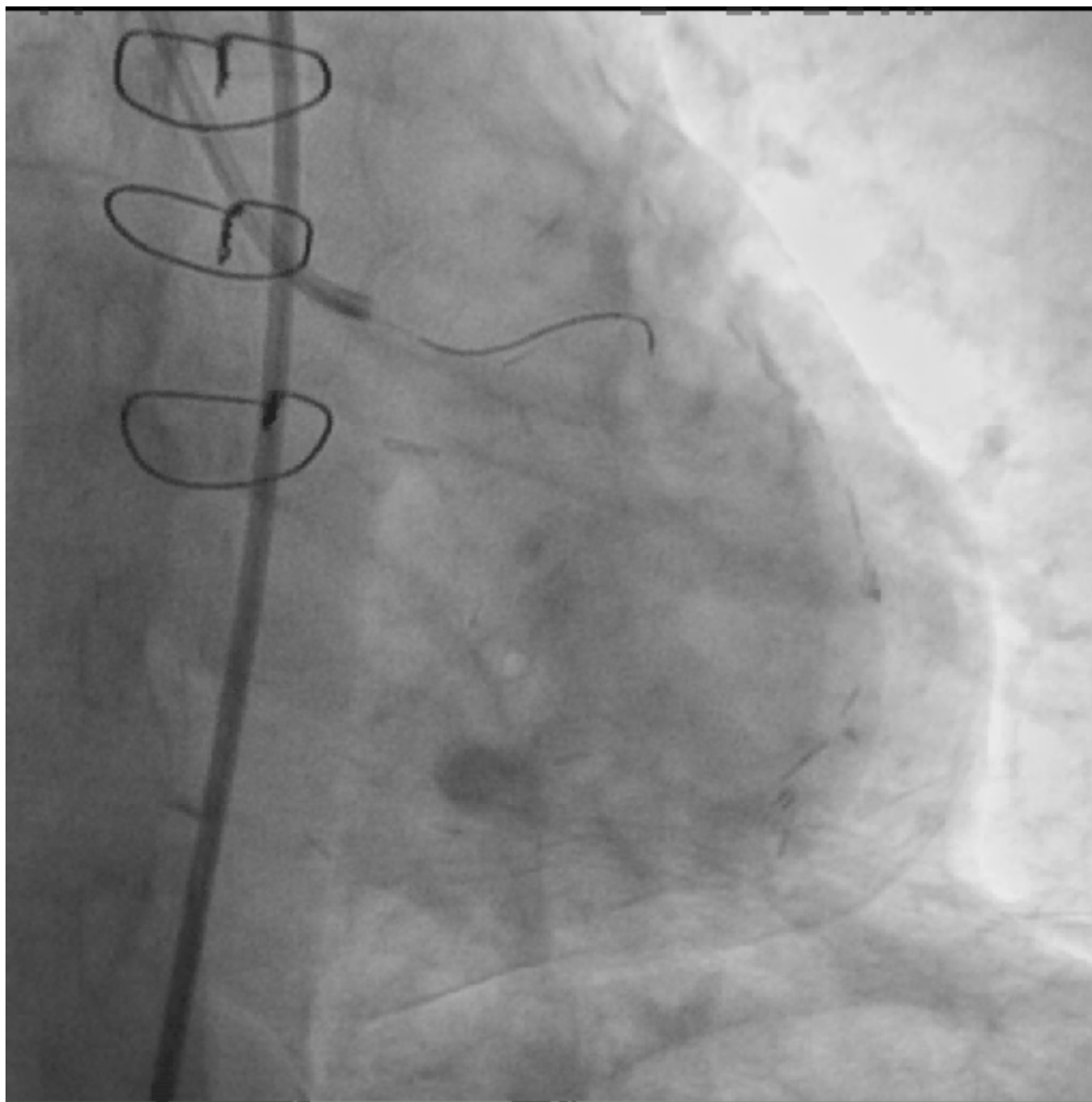
CT (RCA aneurysm)



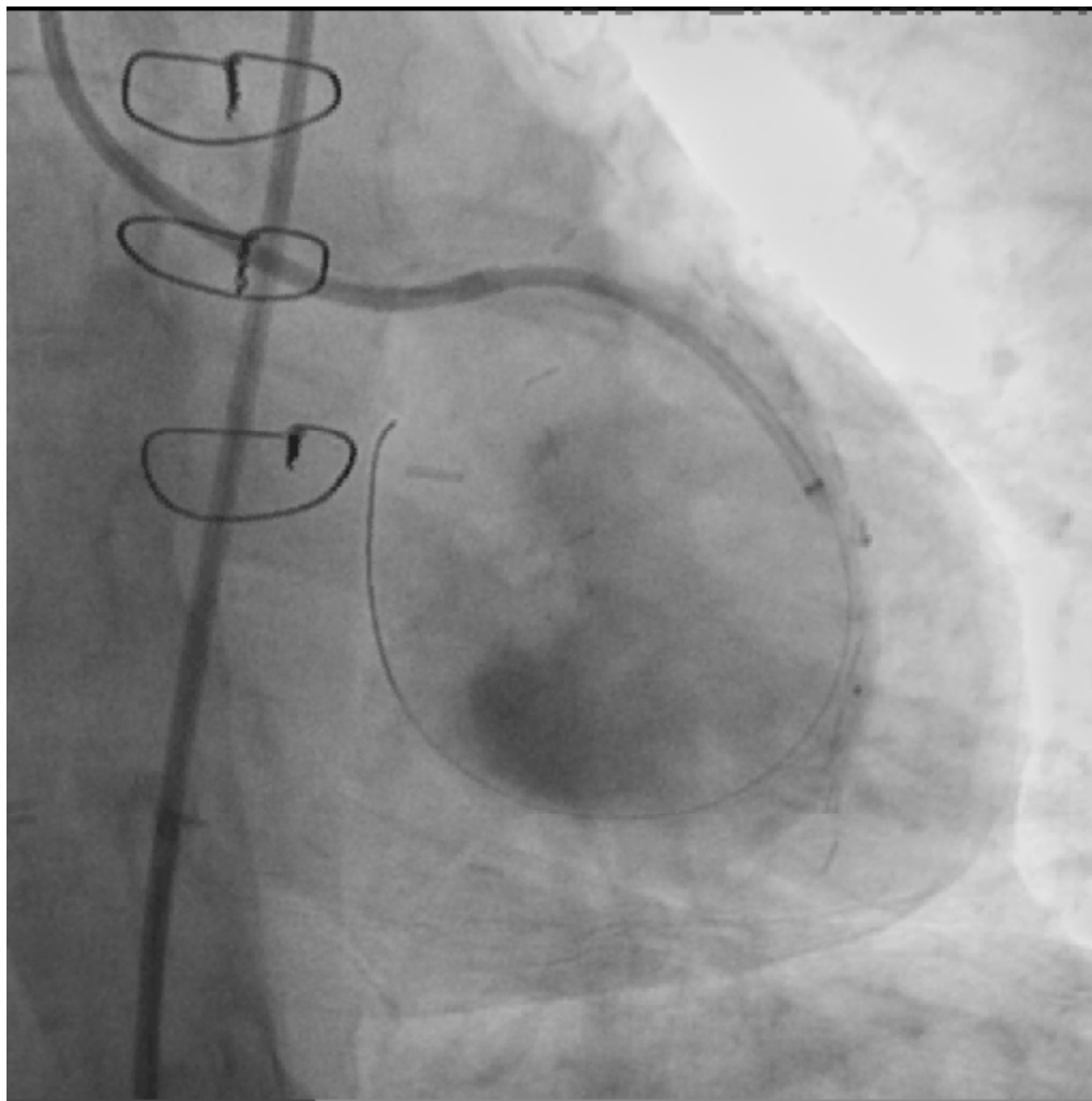
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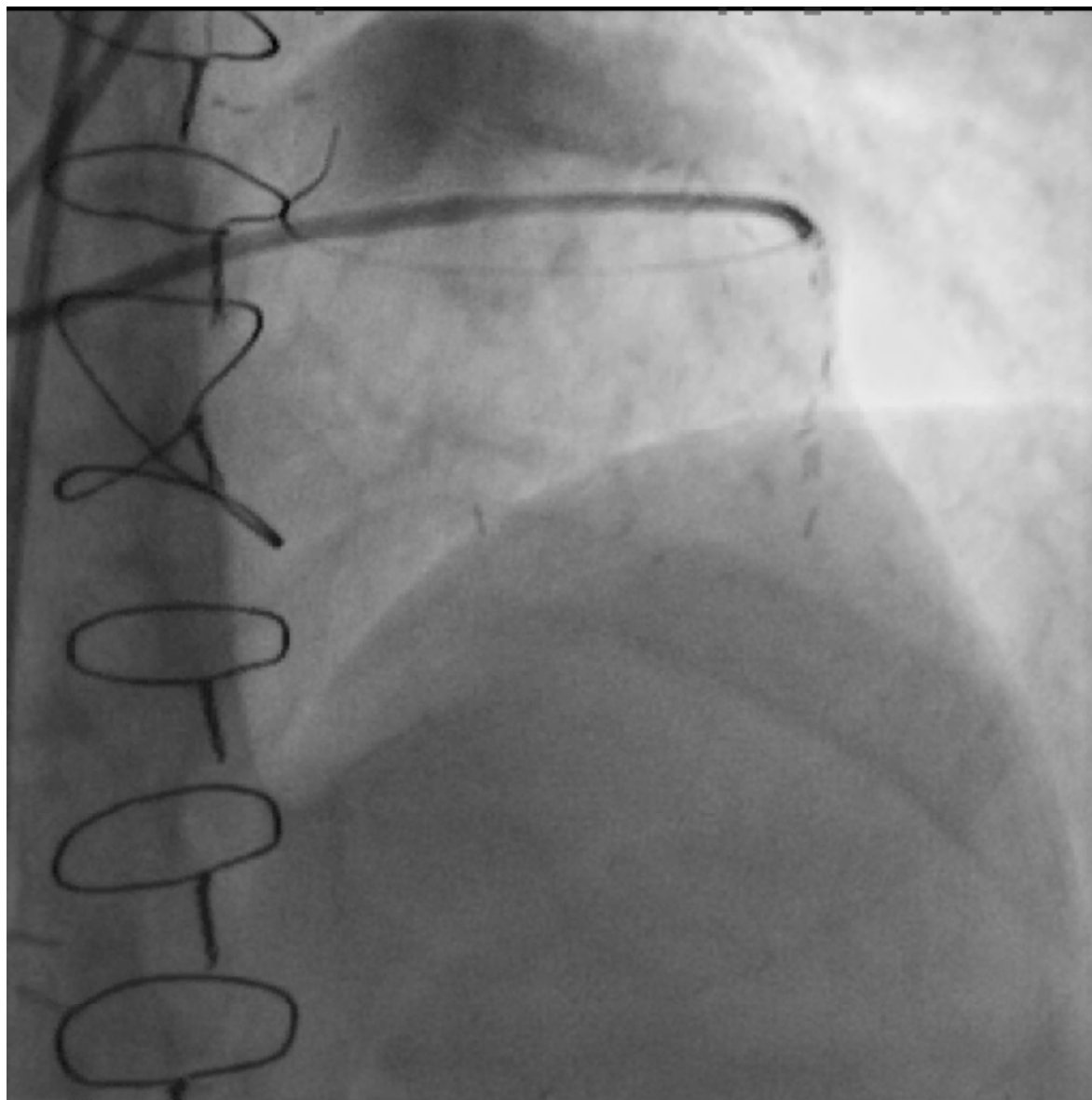
LCA



LCA

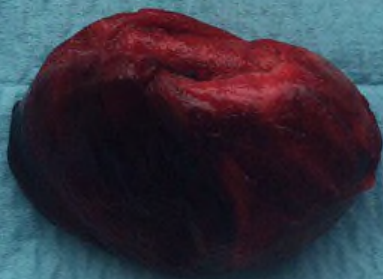
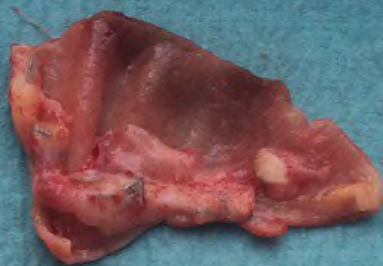


LCA



Treatment options

1. Follow up
2. A couple of crazy ideas of endovascular treatment
3. Open heart surgery



Conclusions

The multiple aneurysm of coronary arteries might be the consequence of Kawasaki disease.

Usually the aneurysms are asymptomatic and not so big.

The major complication of coronary artery aneurysm is acute coronary syndrome and sudden death.