Successful treatment of LTI (1 month`s thrombosis of the infrarenal aorta, iliac, SFA, tibial arteries) by hybrid approach (CDT, thrombaspiration, thrombectomy, balloon angioplasty of BTK and BTA, stenting of the tibial arteries).

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Disclosure

Speaker name:

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I have the following potential conflicts of interest to report:

☐ Consulting
☐ Employment in industry
☐ Stockholder of a healthcare company
☐ Owner of a healthcare company
☐ Other(s)

☑ I do not have any potential conflict of interest
65-year-old female with Lower Limb-threatenning Ischaemia (LTI) of right leg
(pain of rest, pallor, skin area with cyanotic color along the posterior surface of the shin).

Manifestation of LTI clinic - 1 month ago.

DUS, CTA (right leg):
thrombosis of the infrarenal aorta, iliac arteries, SFA, popliteal and tibial arteries; limited blood flow in the DFA and distal CFA (partial thrombosis).
CT scan on the 1st day
Initial angio
1st day - CDT by streptokinase (left TRA), balloon angioplasty of thrombosed infrarenal aorta, iliac arteries.
1st day - CDT (streptokinase).
Partial lysis was achieved.
2nd day - CDT (streptokinase), balloon angioplasty, thromb aspiration by 125cm 7F guiding catheter (from left TRA). Massive thrombomasses were received (from aorta, iliac arteries, CFA).
3rd day – almost complete lysis in the aorta, right iliac arteries. Stopping CDT. Thrombectomy planning.
**6th day** (3rd day after stopping CDT) - Surgical stage: thrombectomy from DFA, SFA, popliteal and proximal tibial arteries are performed (from CFA and popliteal access). Just after the surgical stage – control angiography (sheath in CFA to SFA).
6th day (3rd day after CDT)
Balloon angioplasty of the popliteal artery, BTK, BTA was performed.
6th day (3rd day after CDT)
Limiting blood flow dissections of TPT and proximal ATA were stented (2DES).
Results

- In the arteries of the right lower limb blood flow has been restored in all levels - from the aorta to the foot

- There was a good clinical outcome

- The patient was discharged on the 16th day without signs of LTI

- On 5 months follow-up - no LTI (Only a telephone survey. The patient refused a follow-up examination.)
Conclusion

In case of treatment of LTI with 1 month`s multilevel thrombosis of lower limb arteries
a hybrid approach can be a good option.
Thank you for attention!
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