ENDOVASCULAR OPTIONS IN UPPER EXTREMITY ACUTE ARTERIAL OCCLUSION TREATMENT

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Introduction
According to guidelines in patients with ALI with a salvageable limb percutaneous mechanical thrombectomy can be useful as adjunctive therapy to thrombolysis. Some patients have contraindications for CBT or operation is not available.

Our hospital algorithm

Indications for revascularization
- Endovascular aspiration
- Endovascular mechanical stent thrombectomy
- Surgical embolectomy

Additionally
- Pharmacology includes 5000 IU of heparin and DATT (aspirin 125+clopidogrel 300 );
- approach: femoral retrograde, brachial ipsilateral antegrade, radial retrograde;
- balloon dilatation can be used as an additional option.

Materials and methods
- 11 patients with acute upper limb ischemia;
- 2- aspiration, 9- stent thrombectomy;
- No amputations, technical success- 91%;

Conclusion
Endovascular treatment of acute upper extremity arteries occlusion with stent thrombectomy or trombaspiration is useful method of revascularization for patients with contraindications to CBT or traditional surgery and with advantages of endovascular surgery’s methods.