

## Successful treatment of LTI

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

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# Disclosure

Speaker name:

.....Ivanov Andrey.....

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-threatening

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.

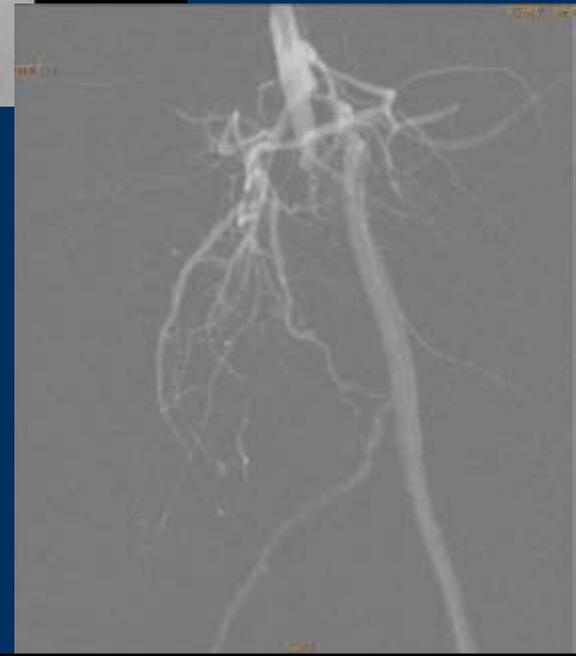
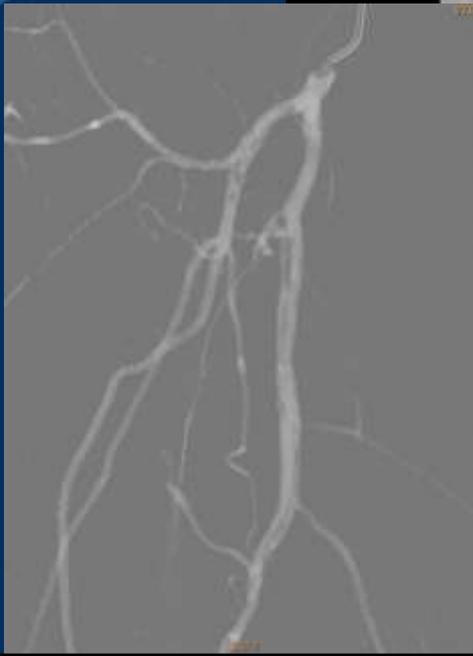
DUS, CTA (right leg):

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



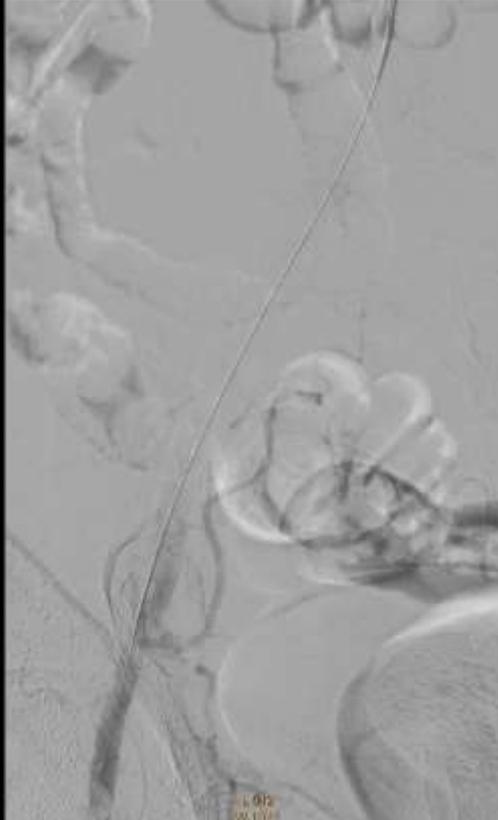
**1st day - CDT by streptokinase (left TRA), balloon angioplasty of thrombosed infrarenal aorta, iliac arteries.**



1st day - CDT (streptokinase).

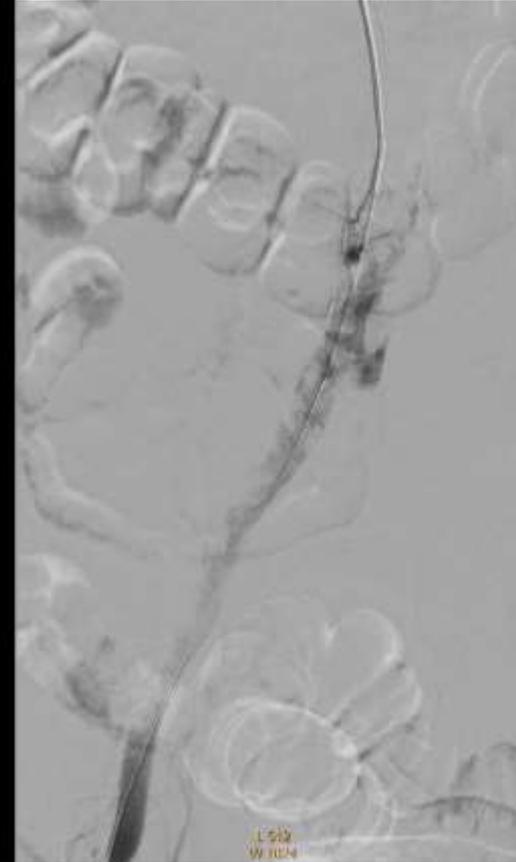
Partial lysis was achieved.

4547  
3/3/1962 F  
7/19/2017  
2:11 PM  
Run 40 - Frame 14 / 14



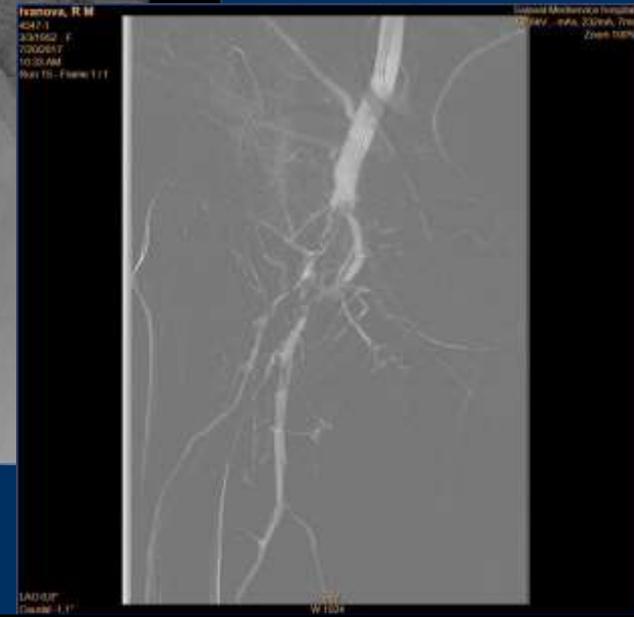
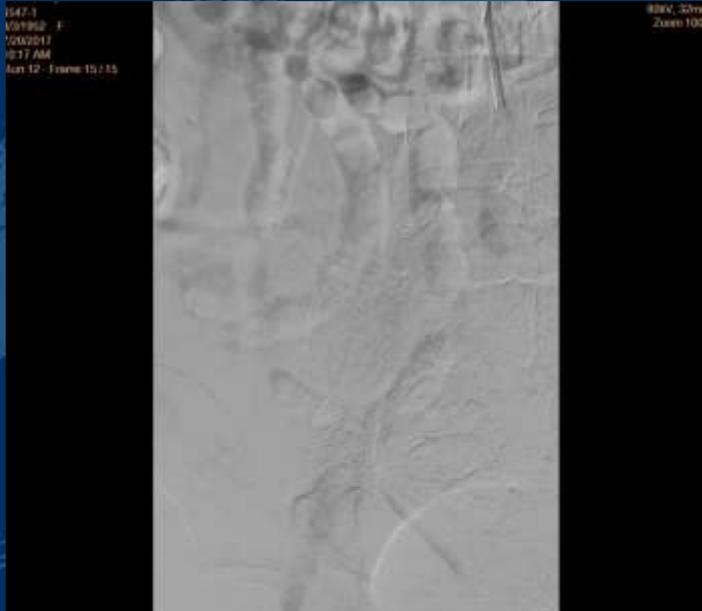
80kV, 42mA  
Zoom 100%

4547  
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7/19/2017  
2:14 PM  
Run 42 - Frame 12 / 12

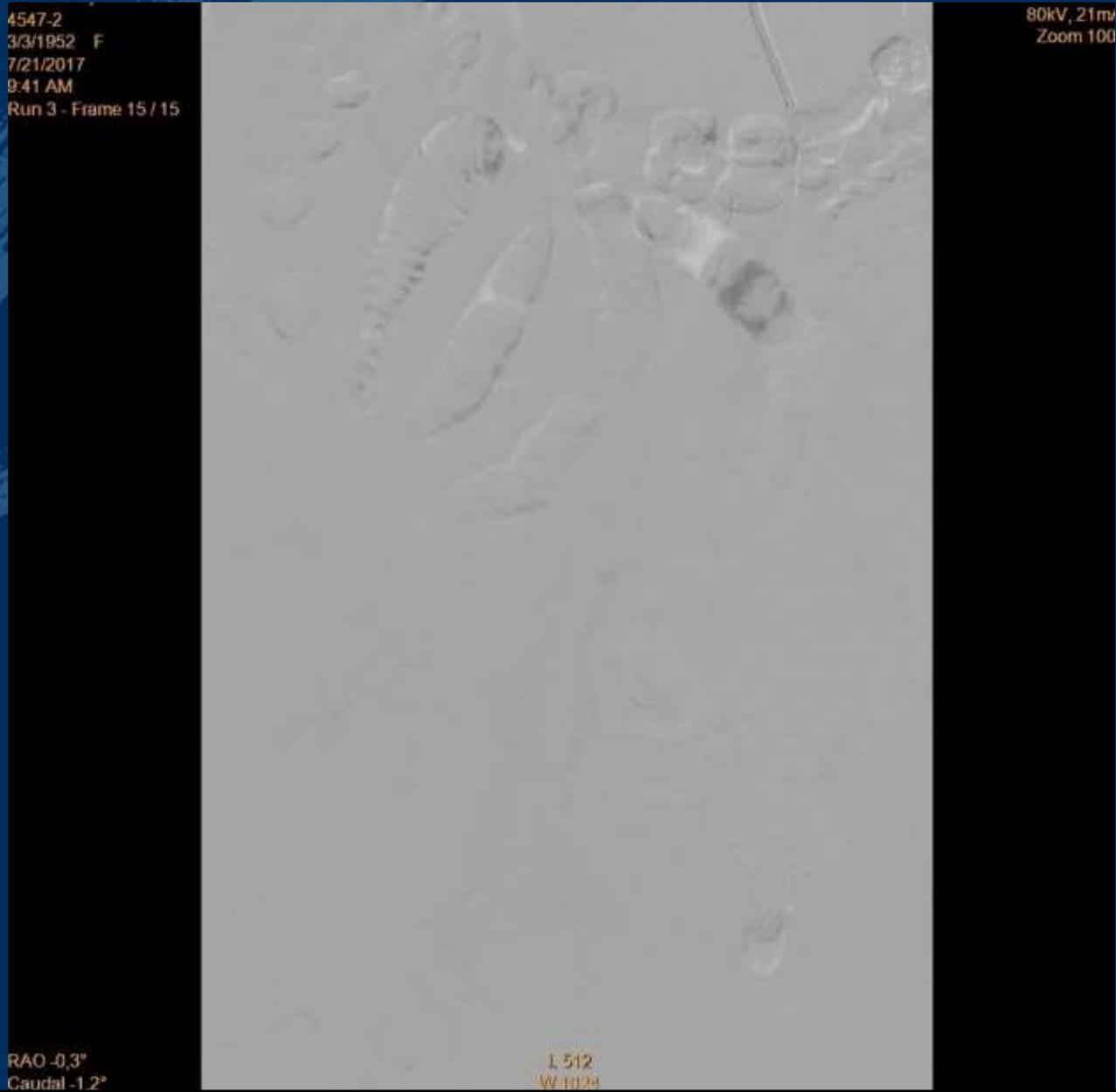


80kV, 47mA  
Zoom 100%

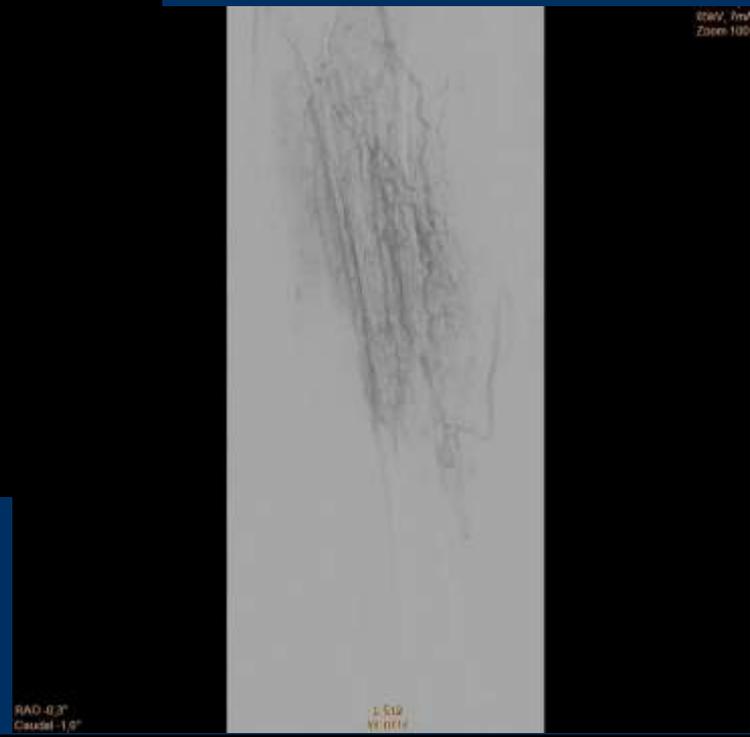
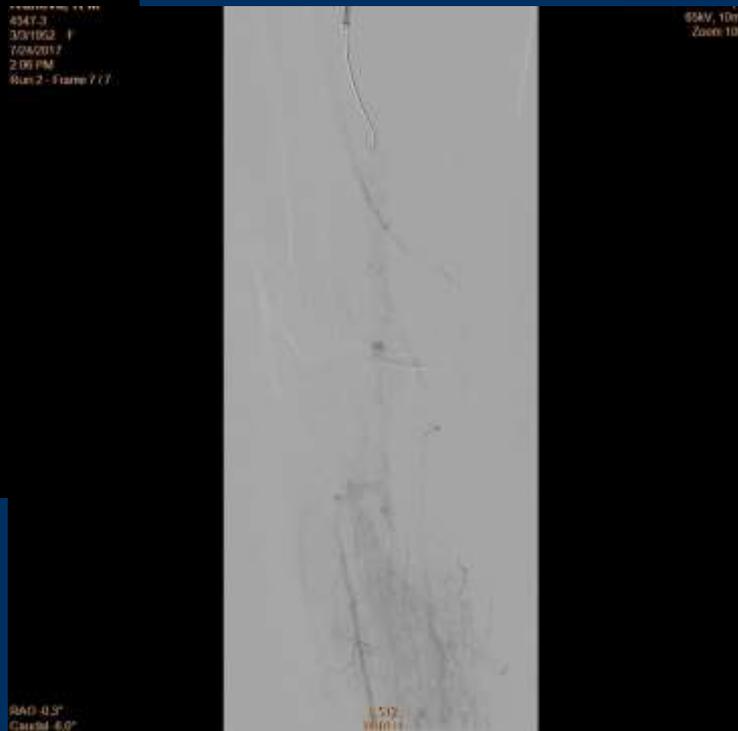
**2nd day - CDT (streptokinase), balloon angioplasty, thromb aspiration by 125cm 7F guiding catheter (from left TRA). Massive thrombomasses were received (from aorta, iliac arteries, CFA).**



**3rd day** – almost complete lysis in the aorta, right iliac arteries.  
Stopping CDT. Thrombectomy planning.

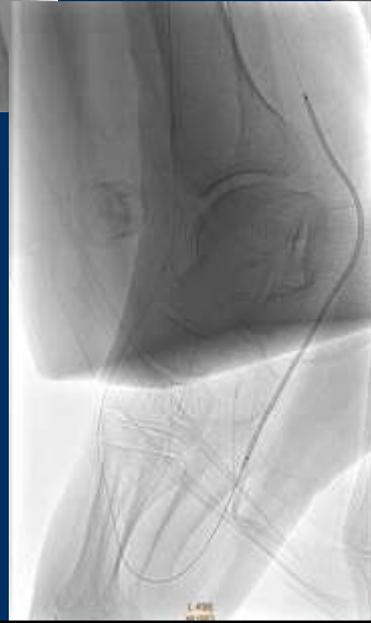
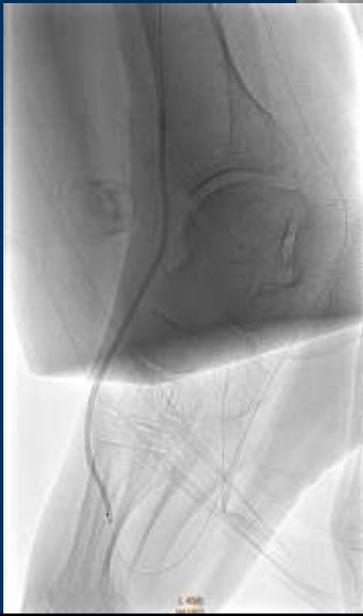
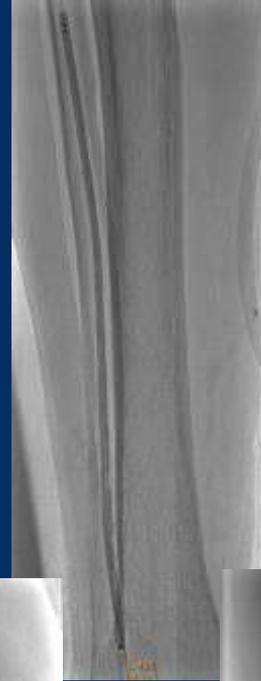


**6<sup>th</sup> day** (3rd day after stopping CDT) - Surgical stage: thrombectomy from DFA, SFA, popliteal and proximal tibial arteries are performed (from CFA and popliteal access). Just after the surgical stage – control angiography (sheath in CFA to SFA).



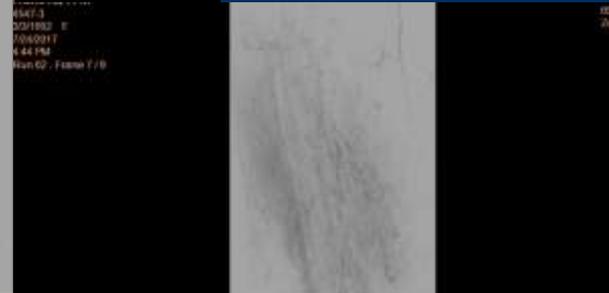
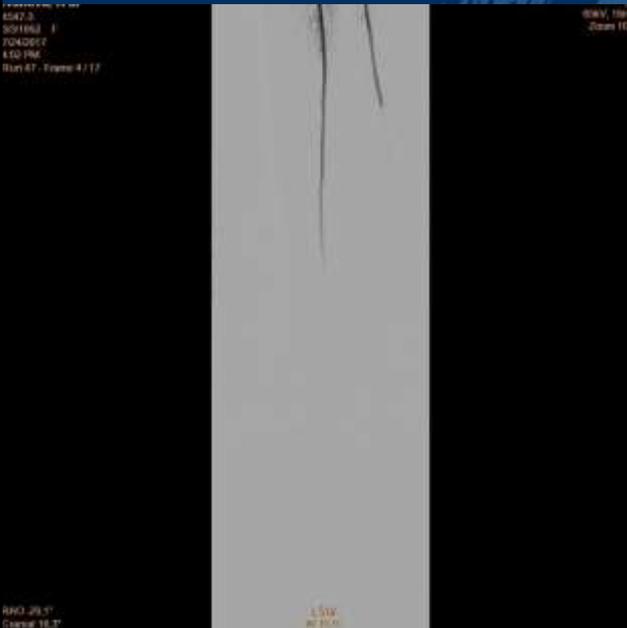
**6<sup>th</sup> day (3rd day after CDT)**

Balloon angioplasty of the popliteal artery, BTK, BTA was performed.



# 6<sup>th</sup> day (3rd day after CDT)

Limiting blood flow dissections of TPT and proximal ATA were stented (2DES).



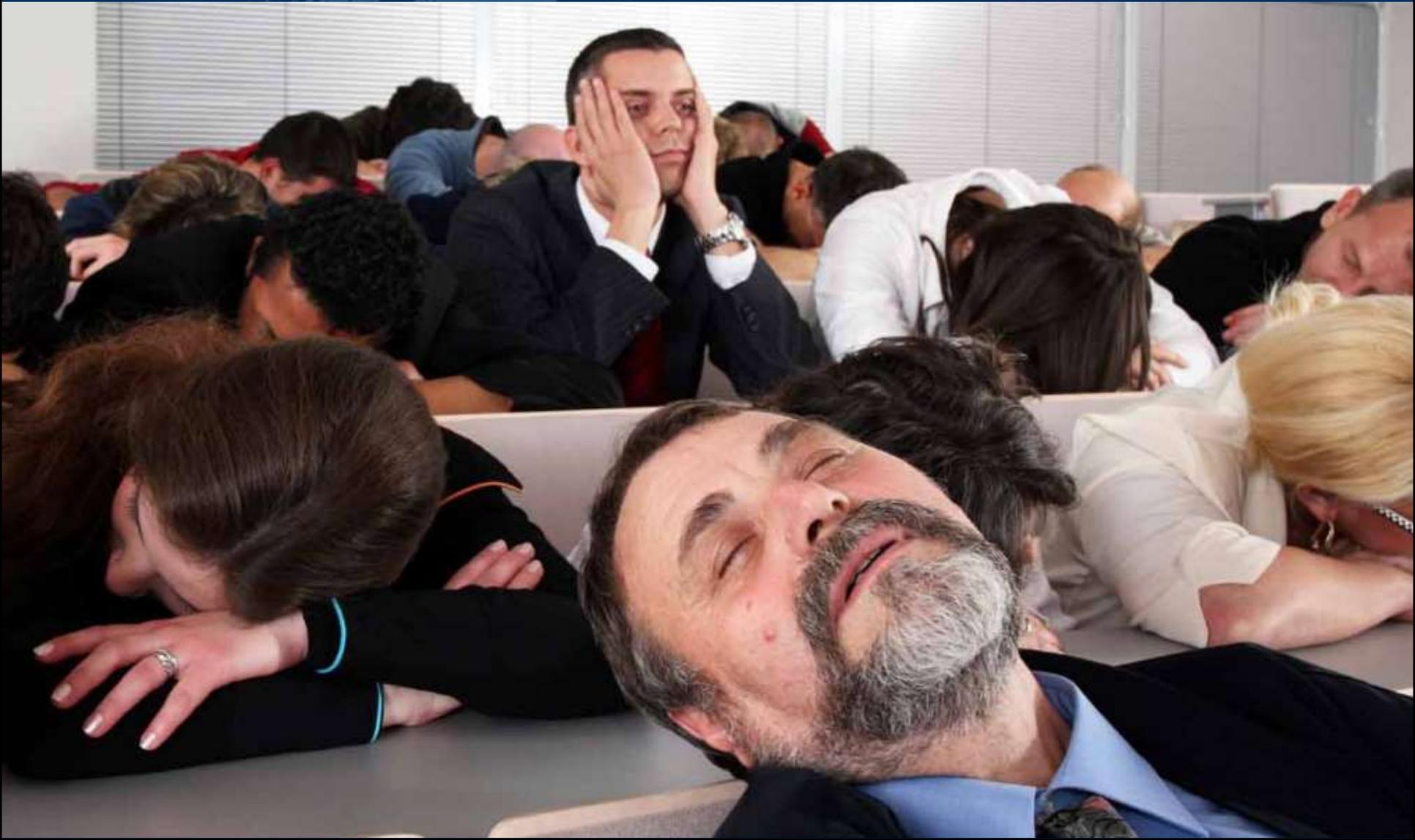
# Results

- 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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