

Correspondence between clinical signs and symptoms, hemodynamic, imaging and severity of anatomical lesions in iliofemoral vein obstruction

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No conflict of interest to declare

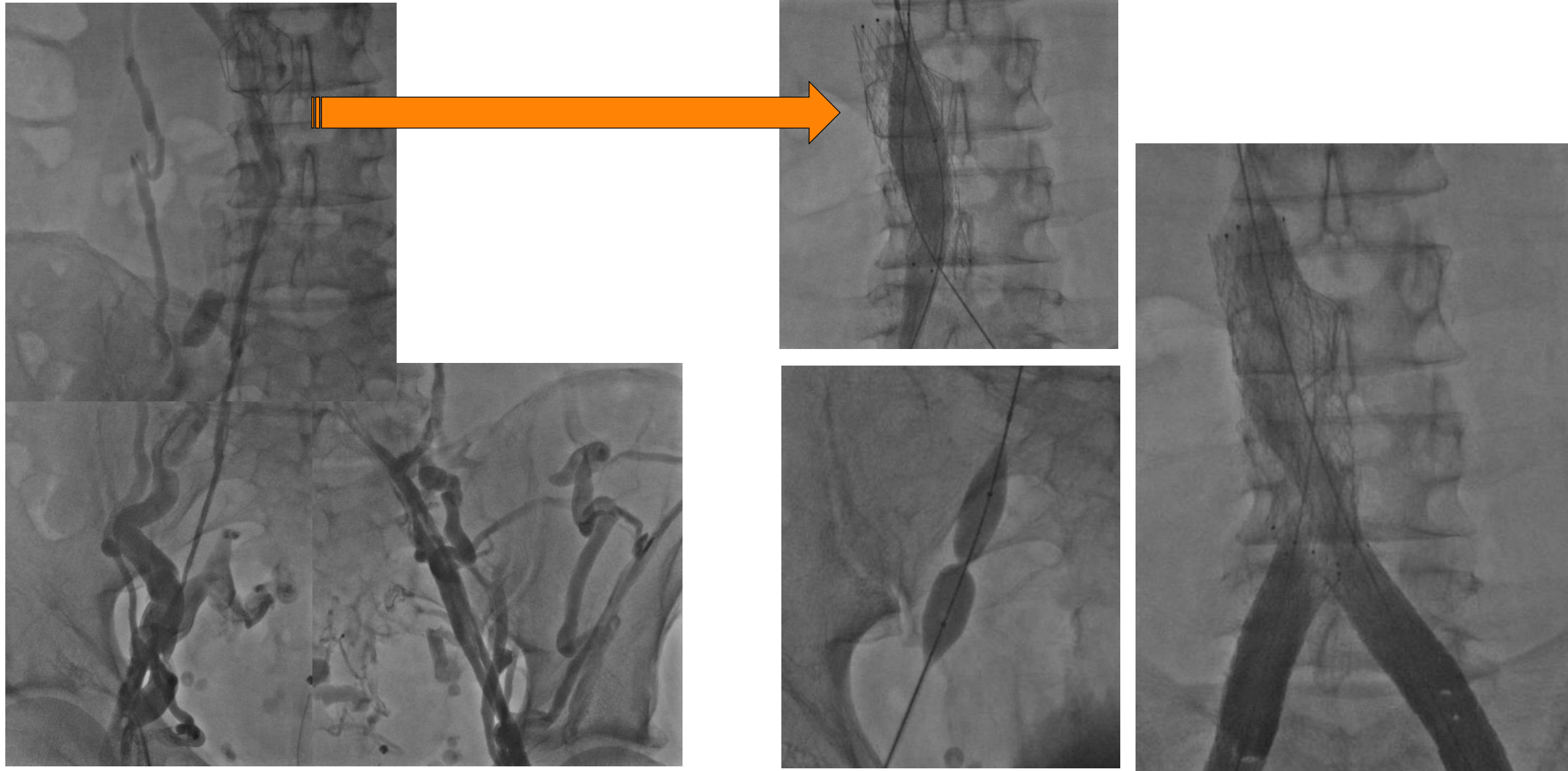
Correspondence between:

- clinical signs and symptoms
- hemodynamic
- imaging and severity of anatomical lesions

in iliofemoral vein obstruction

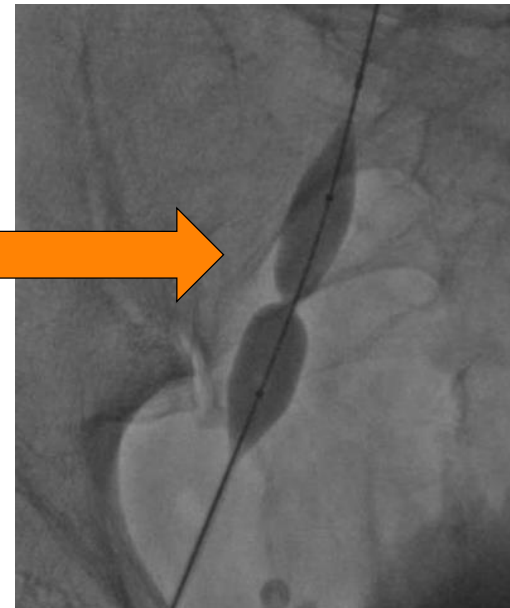
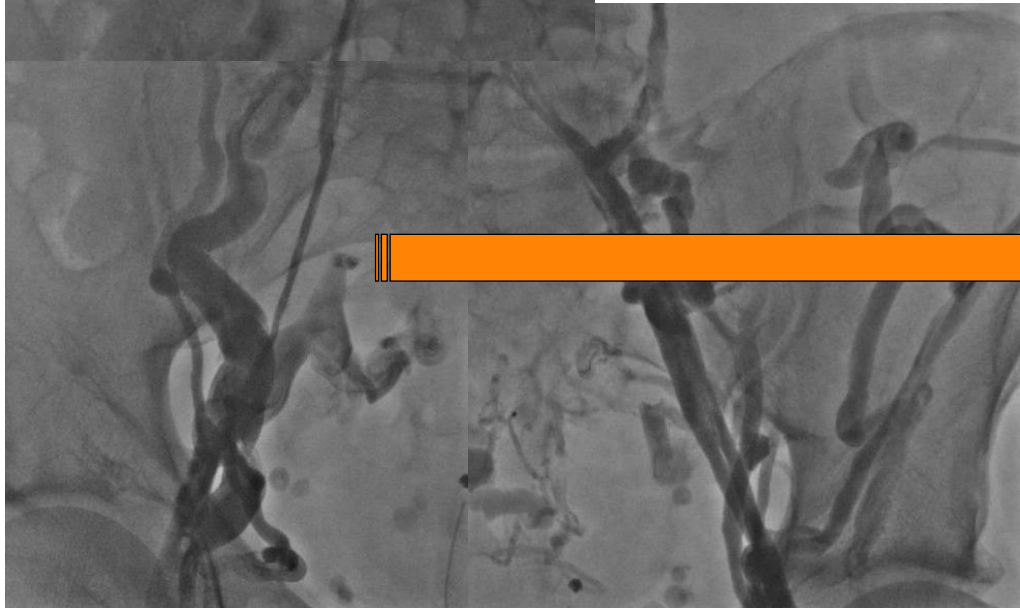
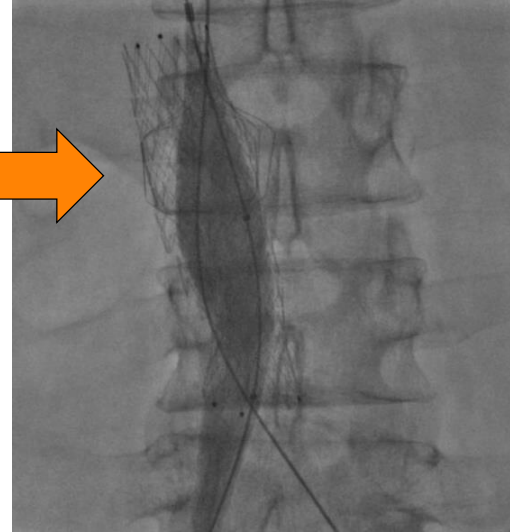
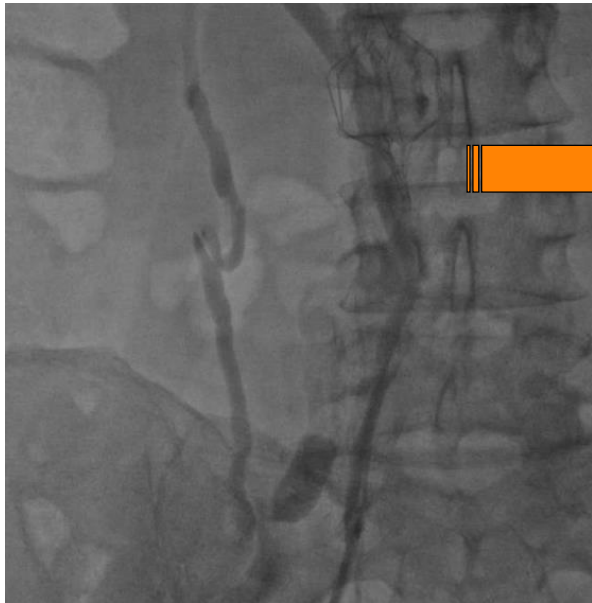
Obstruction

Effective



Obstruction

Effective



Obstruction

Effective



Clinical correlation



Clinical outcomes
after iliofemoral recanalization

Clinical relief of pain: 86% to 94%

Relief from swelling: 66% to 89%

Ulcer healing: 58% to 89%

Raju JVS 2013

Clinical correlation



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Raju JVS 2013

Clinical correlation



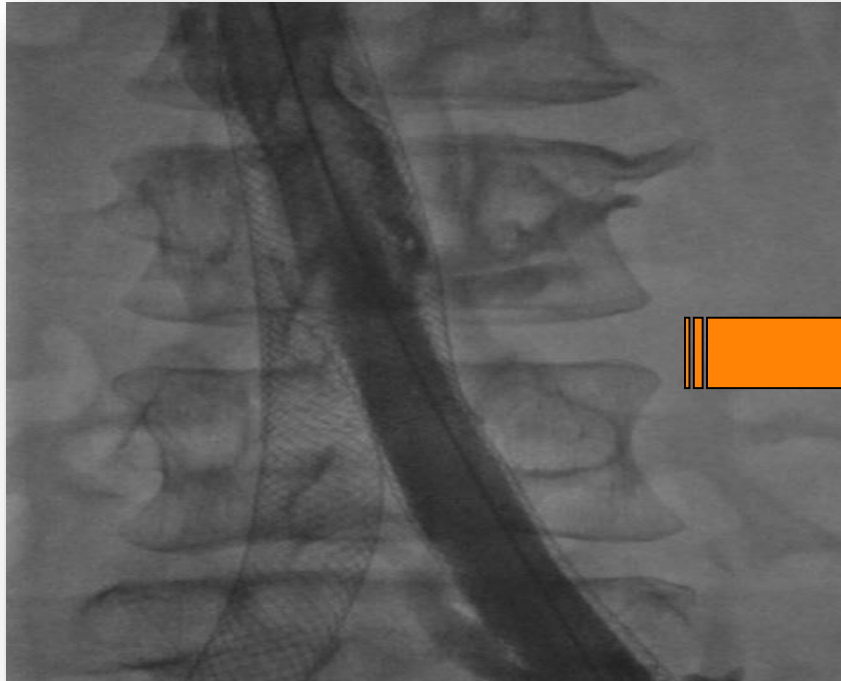
Obstruction



Reflux

Deep reflux is concomitant in 2/3 of cases and symptomatic in approximately **50% of cases** after obstruction treatment

Clinical correlation



Obstruction

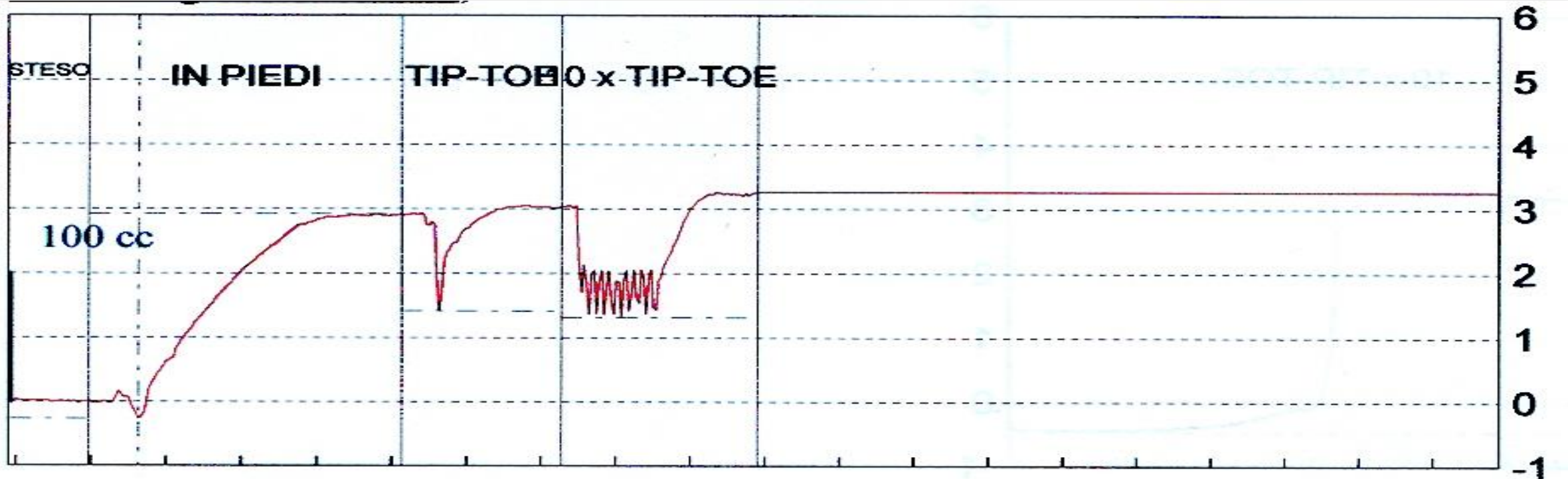


Reflux

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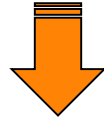
Hemodynamic correlation

Pletismography is the only one among the diagnostic tools able to provide numerical data – not morphologic -

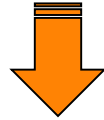


Hemodynamic correlation

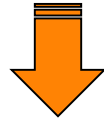
Outflow obstruction treatment is supposed to:



reduce the Residual Volume of the leg

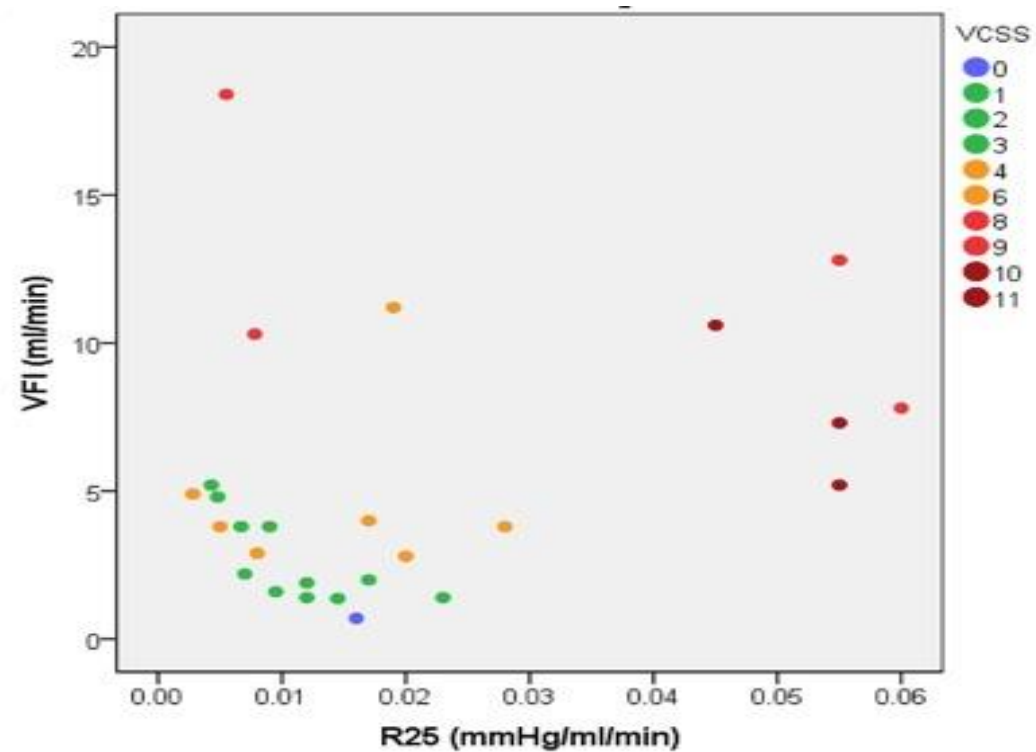


thus reducing venous hypertension



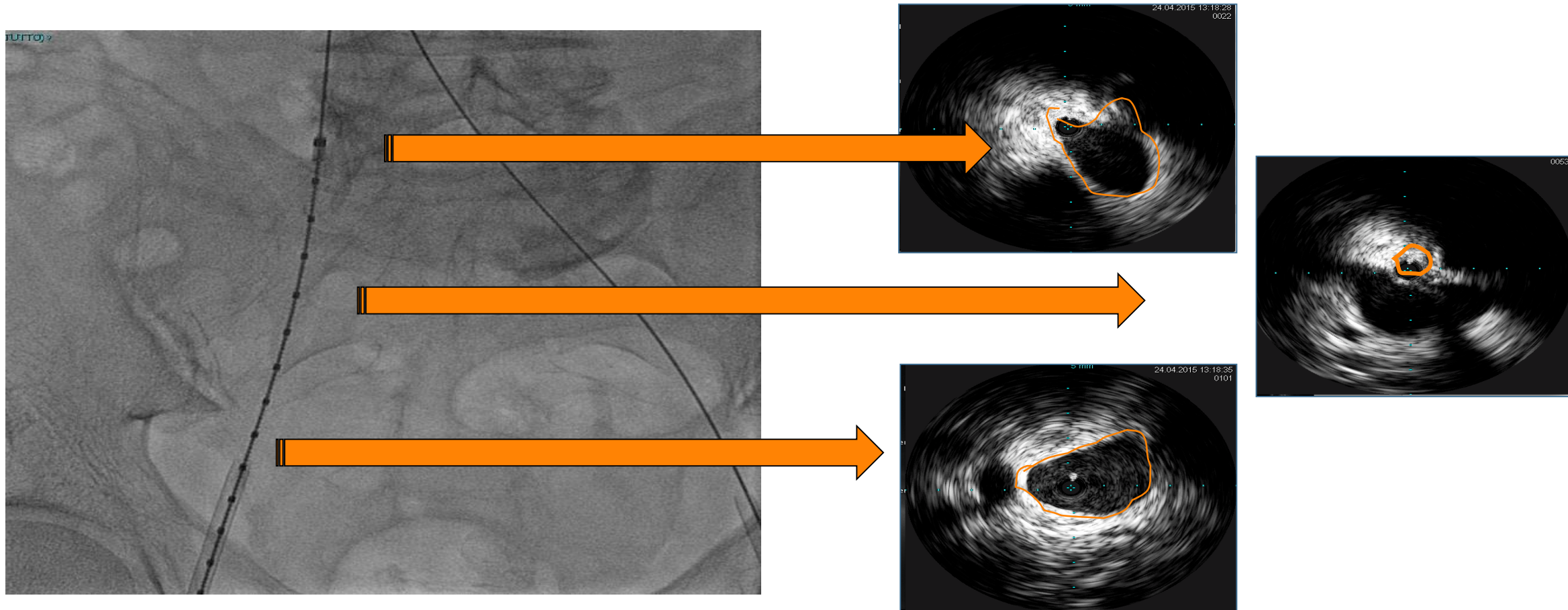
consequently improving symptoms

Hemodynamic correlation

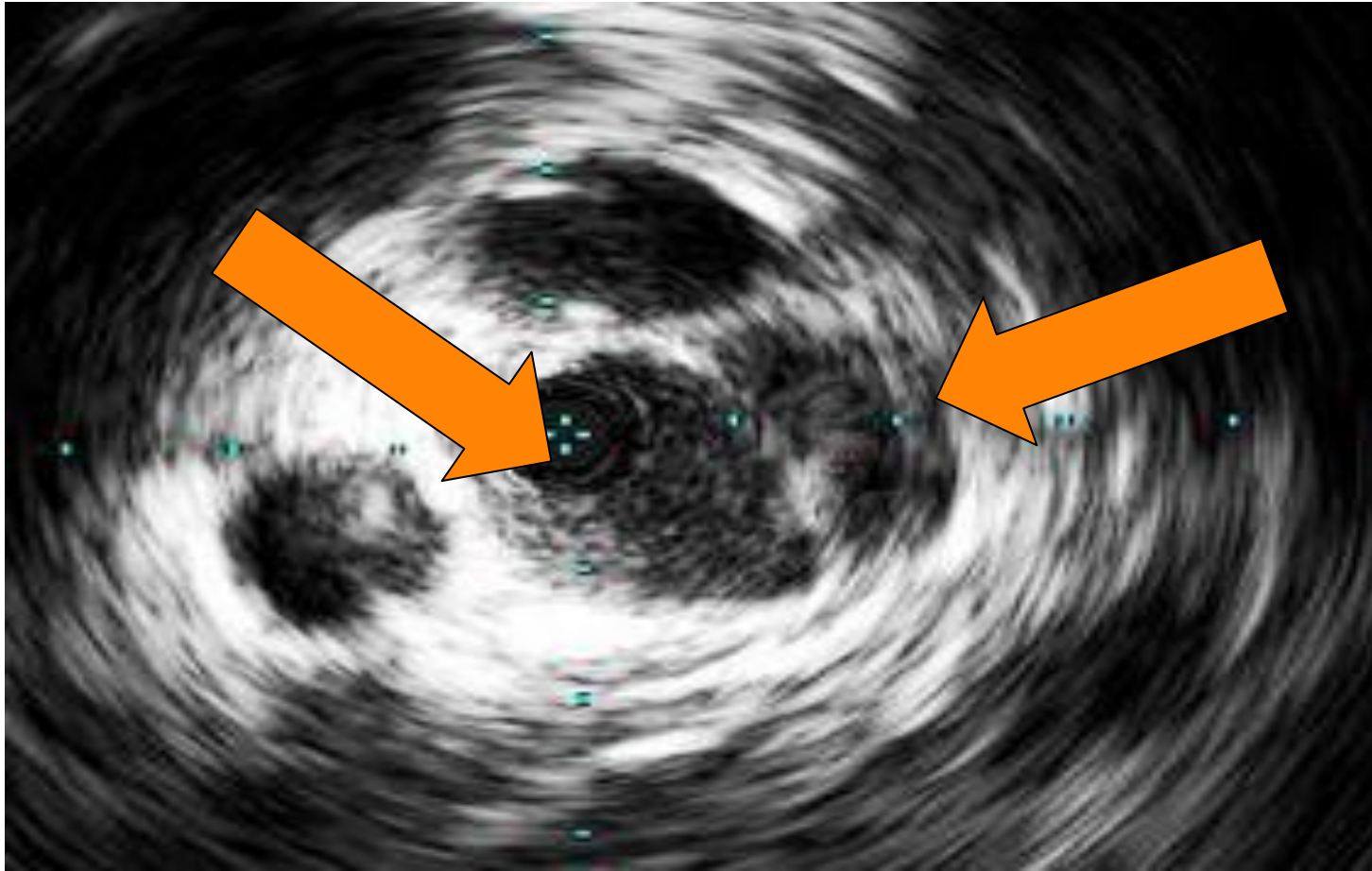


Lesion imaging and severity correlation

50%: hemodynamic effectiveness of a vein stenosis



Lesion imaging and severity correlation



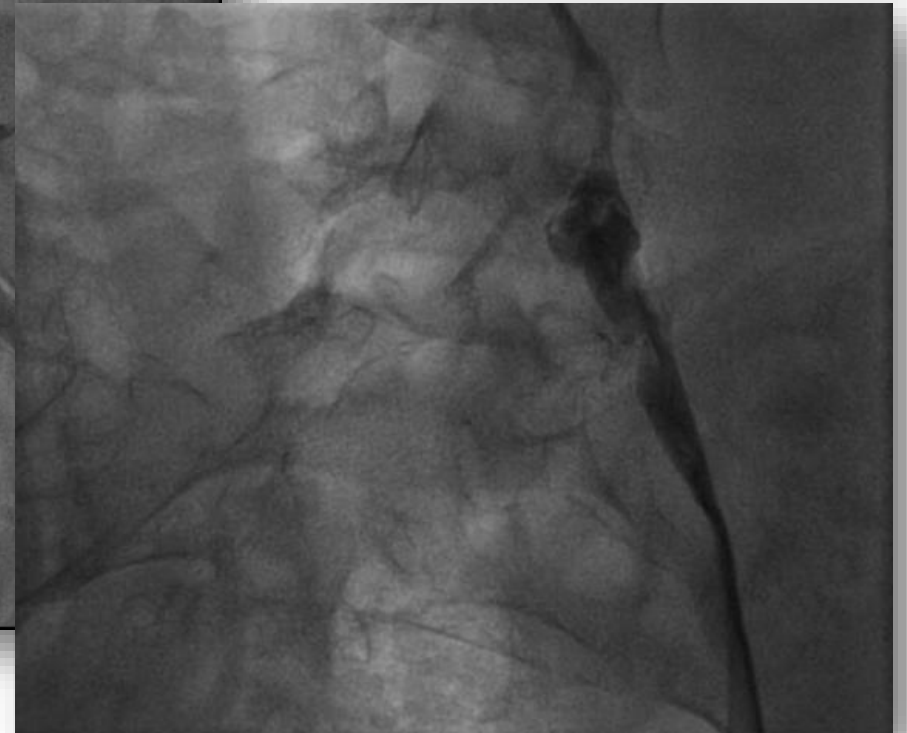
objectiv difficulty in
grading the severity
of the lesion

Lesion imaging and severity correlation



role of collateral pathways

Lesion imaging and severity correlation



role of collateral pathways

In conclusion

Understanding the correlation between obstructive lesion characteristics and treatment outcomes implies a **prognostic significance.**



In conclusion

Understanding the correlation between destructive lesion characteristics and treatment implies a prognostic relevance.

We are still far away

