PELVIC VARICES
INDICATIONS FOR THE TREATMENT

Philippe NICOLINI, MD
Vascular Surgeon
Clinique du Parc
LYON
France

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Introduction

Often ignored or unknow, the pelvic varices or pelvic congestion syndrome (PCS) met in 2 clinical situations:

- It is responsible for 30 % of the pelvic pain after elimination of the other causes.
- It is the source of a superficial chronic venous insufficiency (SCVI) of the lower limbs in 5 % of the cases and recurrence of varices in 18 % of the cases
When to think of it?

In the PCS without varices, the symptoms are only pelvic:

- Heaviness and pelvic pains ++
- Dyspareunia ++
- Hemorrhoids
- Associated digestive, urologic and/or gynecological disorders
- Vulvar varices ++++

NEGATIVE GYNECOLOGICAL ASSESSMENT
VULVAR VARICES
In the PCS source of SCVI, the pelvic symptoms are in the background.

It is the clinical examination and the Dupplex Scan which direct the diagnosis:

- No reflux of the sapheno femoral junction
- Atypical varices +/- vulvar and/or perineal varices
- Recurrence without source at the level of the lower limbs
The PCS is primary most of time (90 %) : Multipare woman, multiple or twin pregnancies, big babies, ...

The PCS is rarely a consequence (10 %) : May Thurner, post thrombotic syndrom, Nutcracker syndrom, others extrinsic compressions, ...
MAY THURNER AND POST THROMBOTIC SYNDROM
NUTCRACKER SYNDROM
BETORE TREATMENT OF THE PCS, IT IS NECESSARY TO ELIMINATE A PRIMARY ETIOLOGY
How to do?

In case of doubt, it is necessary to realize an additional assessment:
- CT scan
- RMI
- Phleboography
- IVUS
RMI
Pelvic phlebography with selective injection of the gonadic and hypogastric veins
MAY THURNER: phlebography
May Thurner: IVUS
NUT CRACKER SYNDROM NOT TREATED BEFORE EMBOLIZATION
TODAY, PERCUTANEOUS EMBOLIZATION IS THE REFERENCE TREATMENT OF THE PCS
By COILS and/or PLUGS
By FOAM sclerotherapy
BY GLU (ONYX®)
Conclusions

THE PCS MUST BE ALWAYS TREATED

In first step in case of isolated pelvic varicose veins

Before the treatment of varicose veins if it is the source of the varicose veins of the lower limbs

After the treatment of the extrinsic compression or the PTS