VENOUS PROCEDURES IN ELDERLY PATIENTS: How to do it and avoid complications

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NO DISCLOSURES

VEIN PROCEDURES IN THE ELDERLY MEANS LESS AGRESSION WITH ANESTHESIA AND SURGICAL TOOLS

VEINS PROCEDURE IN ELDERLY PATIENTS

2015  2018

VEIN PROCEDURES
N= 180
FEMALE: 92%
AGE: 70 - 93
ASA III

PATIENTS X PROCEDURES

- 70 YEARS OLD and over
- FOAM ESCLEROTHERAPY
- TRADICIONAL VEIN SURGERY
  - MINI INCISIONS WITH HOOKS
  - NO FLEBO EXTRATION
  - Laser therapy if necessary
- LOCAL ANESTHESIA + SEDATION

VEIN TREATMENT

- Some old patients want to improve their appearances
- Others want to avoid rupture of varicose veins
- LOW RISK UNDER LOCAL ANESTHESIA + SEDATION
VEIN SURGERY IN TANDEM WITH REGULAR ESCLEROTHERAPY, LASER SURGERY AND FOAM ESCLEROTHERAPY
- Time consuming
- More expensive
- Probably is safer

ANESTHESIA IN THE ELDERLY
NO EPIDURAL OR GENERAL
LOCAL ANESTHESIA WITH IV SEDATION
Procedures always with an anesthesiologist

SEDATION BEFORE LOCAL ANESTHESIA
MEDICATIONS FOR SEDATION (IV)
- Midazolan
- Fentanyl
- Propofol
- Local Anesthesia: Lidocaine 2% - 20ml diluted in 80 ml of saline

ANESTHESIA FOR VEIN PROCEDURES
15 years ago all procedures were done under spinal anesthesia
ALL PATIENTS

LOCAL ANESTHESIA WITH VENOUS SEDATION 75%

SURGERY WITH SMALL INCISIONS
SUBCUTANEOUS VEINS

RESULTS

Veins procedure can be safe in older patients.

Local anesthesia with light sedation is recommended.

Procedures done in a hospital.

Local (skin) complications can occur as in younger patients.

Thank you.