



CENTRAL VENOUS OCCLUSION in chronic hemodialysis patients : what solution ?

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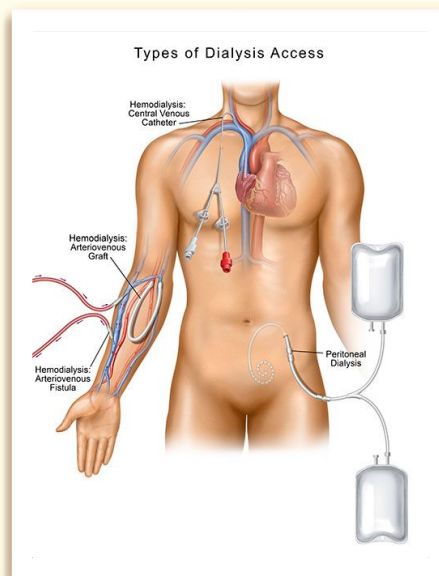
BACKGROUND:

Central venous occlusion (CVO) is a serious complication that occurs mainly in patients with long-term central venous catheters for hemodialysis. This remains a challenge in vascular surgery.

We report the case of a chronic hemodialysis patient, who was admitted for chronic occlusion of the superior and inferior vena cava, the patient underwent bypass surgery from the right subclavian artery to the right atrium (RA) at using a polytetrafluoroethylene prosthesis.

CASE PRESENTATION:

a 54 -year -old chronic hemodialysis female, who has thrombosed all her native approaches in the upper limb, reason an arteriovenous thrombosed with failure vascular surgery team venous fistula (AVF) of subsequently thrombosed thrombectomy. Given the her vascular accesses, several occasions catheters. At admission, extremities venograms occlusion of the superior major tributaries. The was to perform a loop axillary artery and polytetrafluoroethylene surgery, the patient was care unit, and put on The patient was pricked after surgery, without difficulty. A treatment based on anti-platelet therapy was prescribed on discharge of the patient; with regular follow-up at the vascular surgery consultation.



why, she underwent bypass which subsequently of thrombectomy. Thus, the have made a native arterio- the right lower limb which without the possibility of difficulty of maintaining the patient benefited on from central venous the patient benefited from which showed chronic and inferior vena cava and vascular surgery staff decision bypass between the right the right atrium using a prosthesis. Immediately after transferred to the intensive curative anticoagulation. through her bypass, 2 weeks

DISCUSSION & CONCLUSION:

Fistulas as a first approach for dialysis access must be privileged at the expense of central catheters. However bypass to right atrium by mini thoracotomy incision remains as an excellent option for dialysis access in patients with CVO.

REFERENCES:

1- Rezziki A, El Malki H, Boukabous S, Banana Y, Meftah H, Haddiya I, Bentata Y, Moutaouekkil EM, Benzirar A, El Mahi O. Right subclavian artery to right atrium bypass using Polytetrafluoroethylene (PTFE) graft in hemodialysis patient with central venous occlusion: Case report. Ann Med Surg (Lond). 2022 Mar 3;76:103438. doi: 10.1016/j.amsu.2022.103438. PMID: 35360505; PMCID: PMC8960889.

