



Antiplatelet/Anticoagulation treatment and vascular access interventions

Tiago Freitas, RN, Fresenius Medical Care, NephroCare Vila Franca de Xira, Portugal

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Presentation outline

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Introduction

The dynamics of intra vascular access (VA) flow and blood viscosity may contribute to an enhanced occurrence of thromboembolic episodes thus increasing VA comorbidities and subsequent interventions.

Objectives

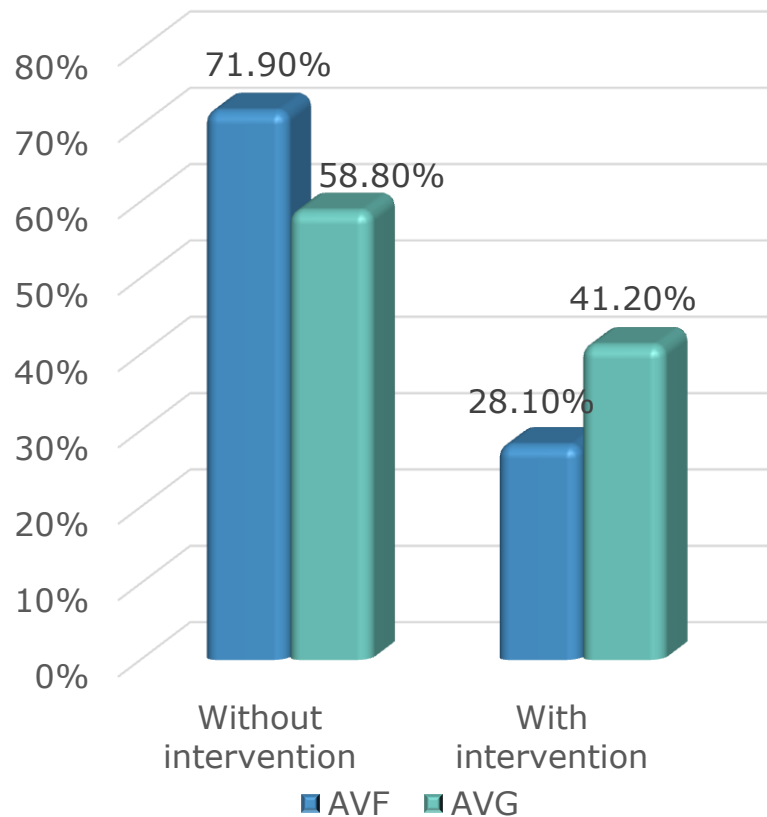
To assess the impact of antiplatelet/anticoagulant (APT/ACT) on the VA comorbidities and patency of haemodialysis patients.

Methods

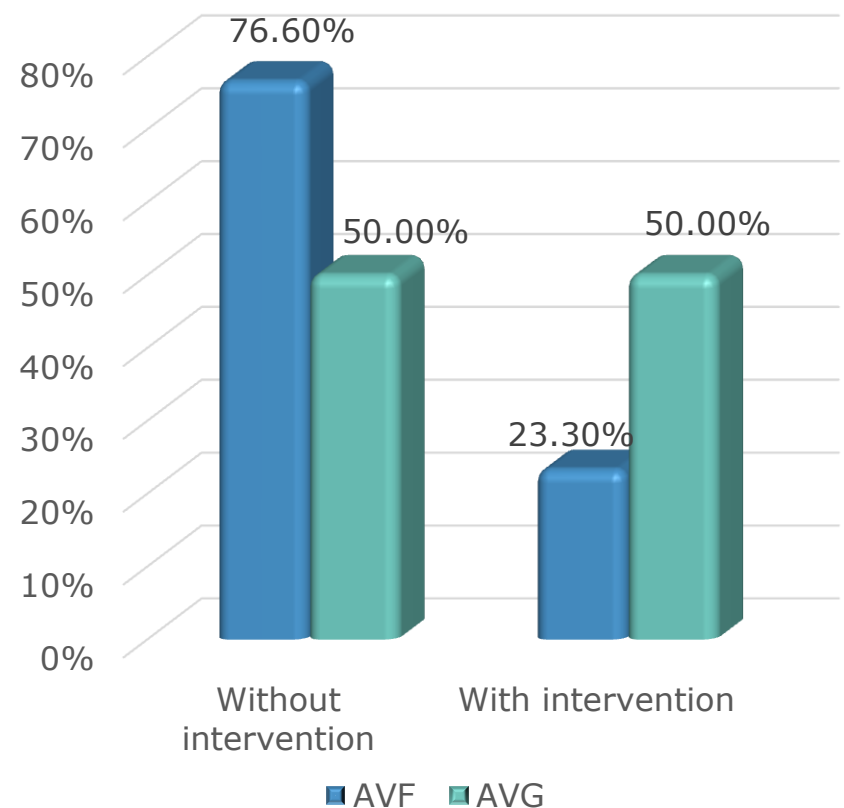
- Single-centre, retrospective, quantitative, descriptive, observational study analysing VAs (AVF and AVG) of active patients for a period of 3 years (between 11/2013 and 10/2016).
- Two groups were evaluated: VAs of patients with and without APT/ACT in haemodialysis:
 - We analysed 411 VAs: 299 (72.7%) AVF and 112 (27.3%) AVG;
- Angiographic/surgical interventions were assessed, as well as thrombotic events.

Results (1/2)

Angiographic/surgical interventions in VA with APT/ACT

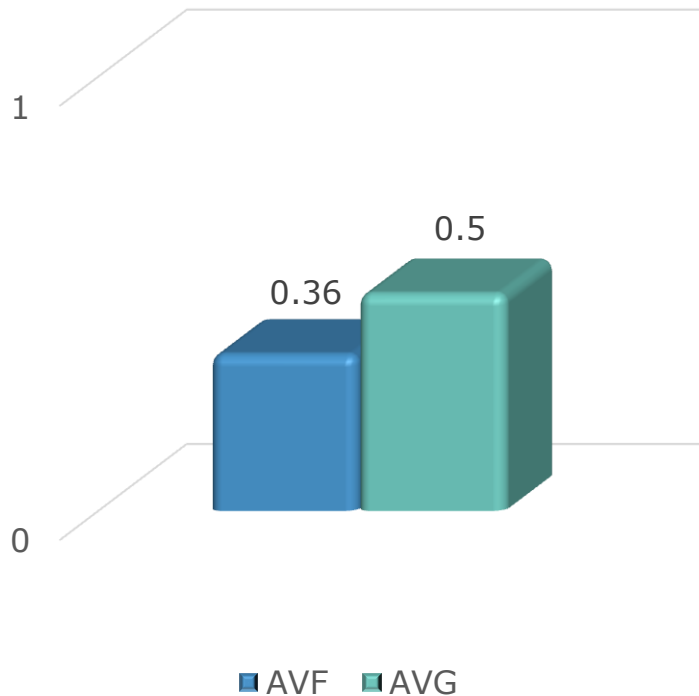


Angiographic/surgical interventions in VA without APT/ACT

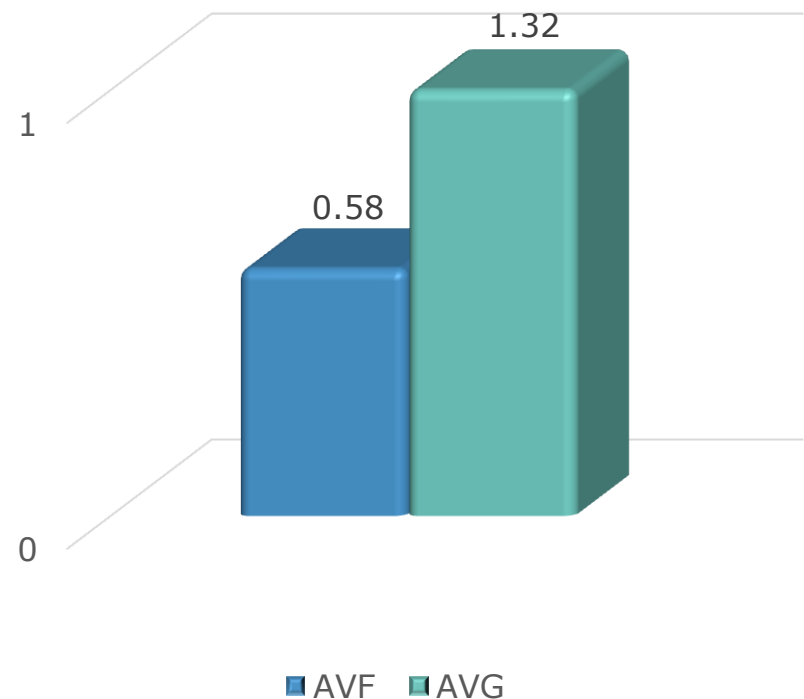


Results (2/2)

Thrombotic events/patient in VA with APT/ACT



Thrombotic events/patient in VA without APT/ACT



Conclusions

- We found out that the group of patients with APT/ACT had a lower intervention rate.
- Both AVF groups showed fewer complications than patients with AVG.
- Patients with APT/ACT had a lower incidence of thromboses which is obviously more frequent in AVG.

**Thank You Very Much
for Your Attention!**

Acknowledgments

Vânia Romão

**Renal Nurse
Fresenius Medical Care, NephroCare Vila Franca de Xira
Vila Franca de Xira – Portugal**

Margarida Duarte

**Renal Nurse
Fresenius Medical Care, NephroCare Vila Franca de Xira
Vila Franca de Xira – Portugal**

Carina Gonçalves

**Renal Nurse
Fresenius Medical Care, NephroCare Vila Franca de Xira
Vila Franca de Xira – Portugal**

Fernanda Gomes

**Head Nurse
Fresenius Medical Care, NephroCare Vila Franca de Xira
Vila Franca de Xira – Portugal**

Bruno Pinto

**Nursing Coordinator
Fresenius Medical Care, NephroCare Portugal
Porto – Portugal**

Ricardo Peralta

**Nursing Coordinator
Fresenius Medical Care, NephroCare Portugal
Porto – Portugal**

João Fazendeiro Matos

**Country Nursing Director
Fresenius Medical Care, NephroCare Portugal
Porto – Portugal**