



Results of a vascular access quality programme

Paula Cale, RN, Fresenius Medical Care, NephroCare Entroncamento, Portugal

46th EDTNA/ERCA International Conference | Krakow | Poland | 9-12 September 2017

Presentation outline

1 Introduction

2 Objectives

3 Methods

4 Results

5 Conclusions

Introduction

The loss of vascular access (VA) as a consequence of various complications, is a major problem in haemodialysis.



The quality and longevity of VA depend on the identification and early resolution of these complications.


Objectives

- To promote the importance of our VA quality programme;
- To compare our data of VA complications and interventions before and after the implementation of this programme.

Single-centre, retrospective and descriptive study.



Analysed and compared complications and interventions in 261 patients with a VA under chronic haemodiafiltration (HDF) in 2014 and 2016, respectively, before and after the implementation of our VA quality programme.



Complications and interventions rates were calculated per 1,000 VA days.

Methods (2)



Figure 1 : Design of the VA quality programme

Results (3)

- In **2014**, the largest number of interventions/patient were in the AVG (angiographies).
- In **2016**, the largest number of interventions/patient were also in the AVG (angiographies).

Interventions

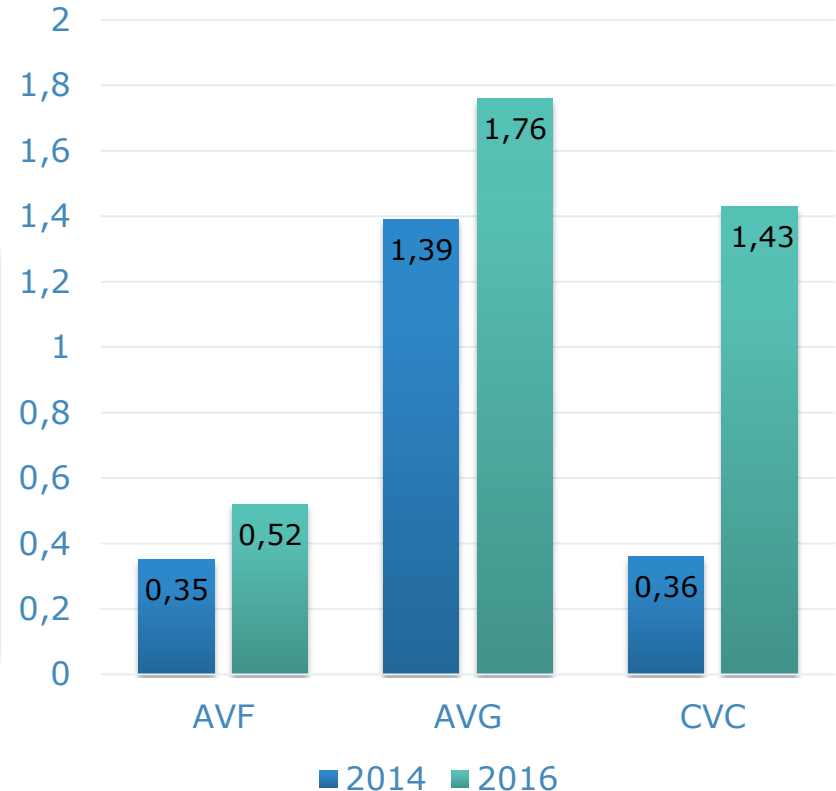
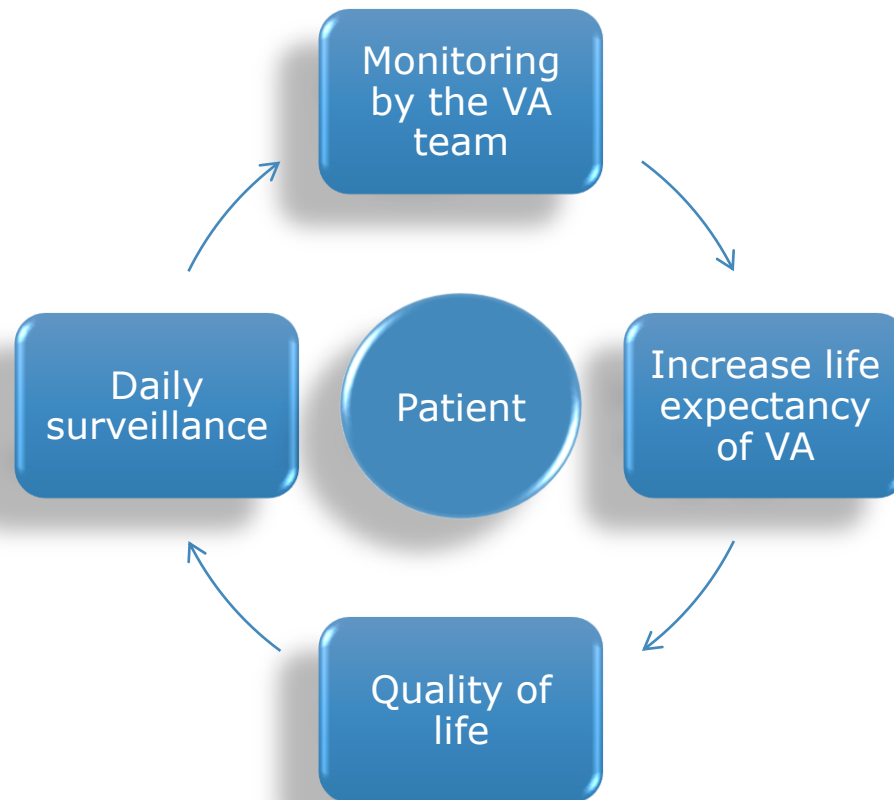


Figure 4: Interventions/patient with AVF, AVG and CVC in 2014 and 2016.

Conclusions

The VA quality programme led to an **increase** in interventions, thus **preventing** complications.



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

Acknowledgments

Susana Dinis

RN

**Fresenius Medical Care, NephroCare Entroncamento
Entroncamento - Portugal**

Carlos Marchão

Head Nurse

**Fresenius Medical Care, NephroCare Entroncamento
Entroncamento - Portugal**

José Sequeira Andrade

Medical Director

**Fresenius Medical Care, NephroCare Entroncamento
Entroncamento - Portugal**

Bruno Pinto

Nursing Coordinator

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

João Fazendeiro Matos

Country Nursing Director

**Fresenius Medical Care, NephroCare Portugal
Porto - Portugal**