

Background

The Vascular Access Unit (VAU) is led by nurses specialized in vascular access. The main unit goal is to guarantee the totally and multidisciplinary coverage to our hospital reference population, as well as providing adequate training for professionals who will have to use and resolute the VADs complications. Being referents and consultants to vascular access in order to preserve the venous capital.

Aim

Assess the UAV's care for patients admitted to the "Arnau de Vilanova" hospital and all the patients that depend on its department from January 2019 to July 2022

- know the number of vascular access devices
- Type of VAD
- Age, gender
- Service that requests it

Methodology

Retrospective descriptive observational study to describe the work results carried out by our UAV since it was born in 2019 as an independent unit managed by nursing.

Results

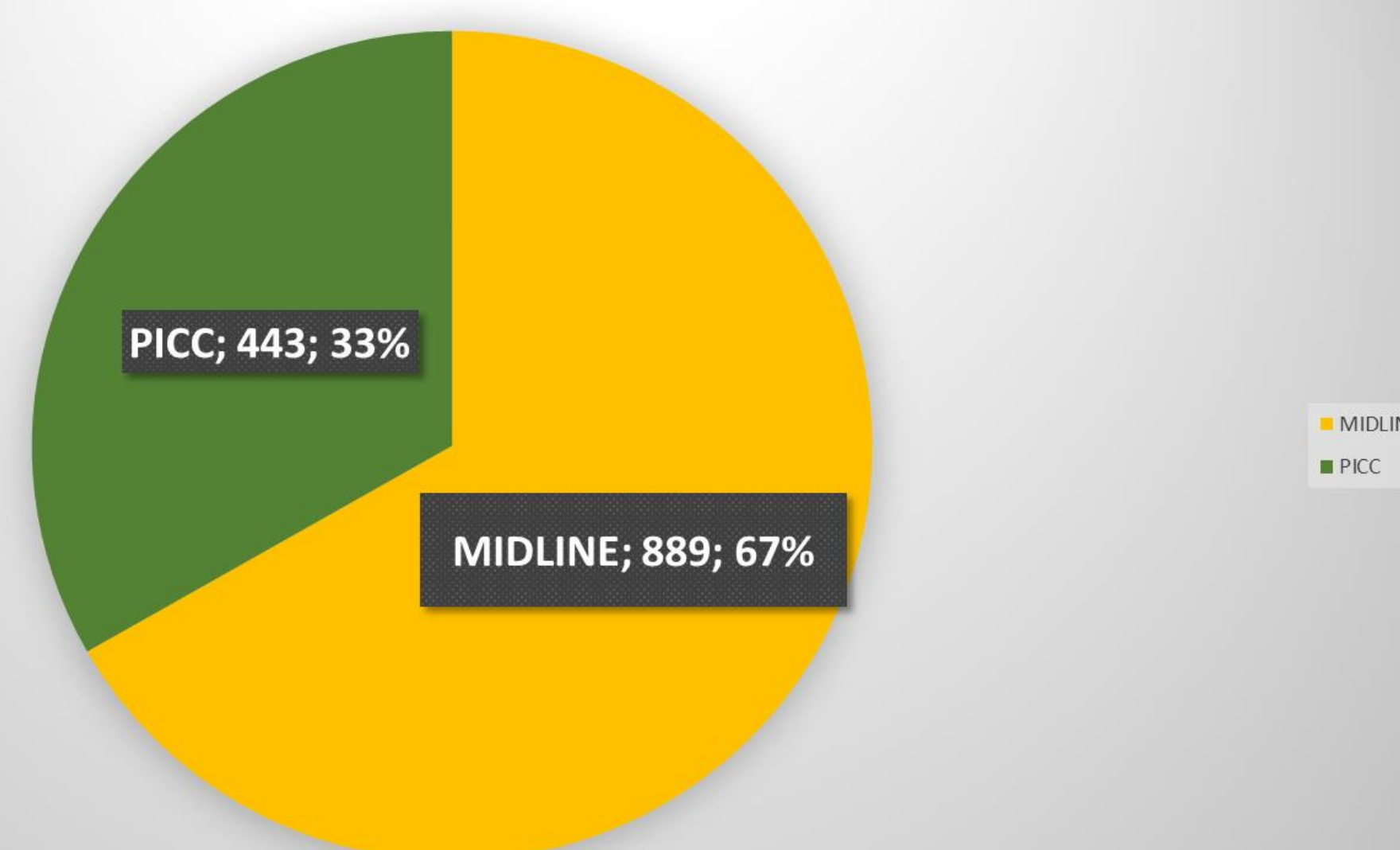
A total of 1333 DAVs were inserted from August 2019 to July 2022, of which 650 were men and 683 women. The type of VAD were 443.33 PICCs and 889.67 Midlines.

In the last 5 months of 2019 (August to December), 94 DAV were inserted. In the pandemic year, the VAU was closed during 3 months for space and nursing staff reasons. In this year, 2020, 233 DAV were inserted, and in 2021, 461 DAVs, and January to July 2022 480 DAVs

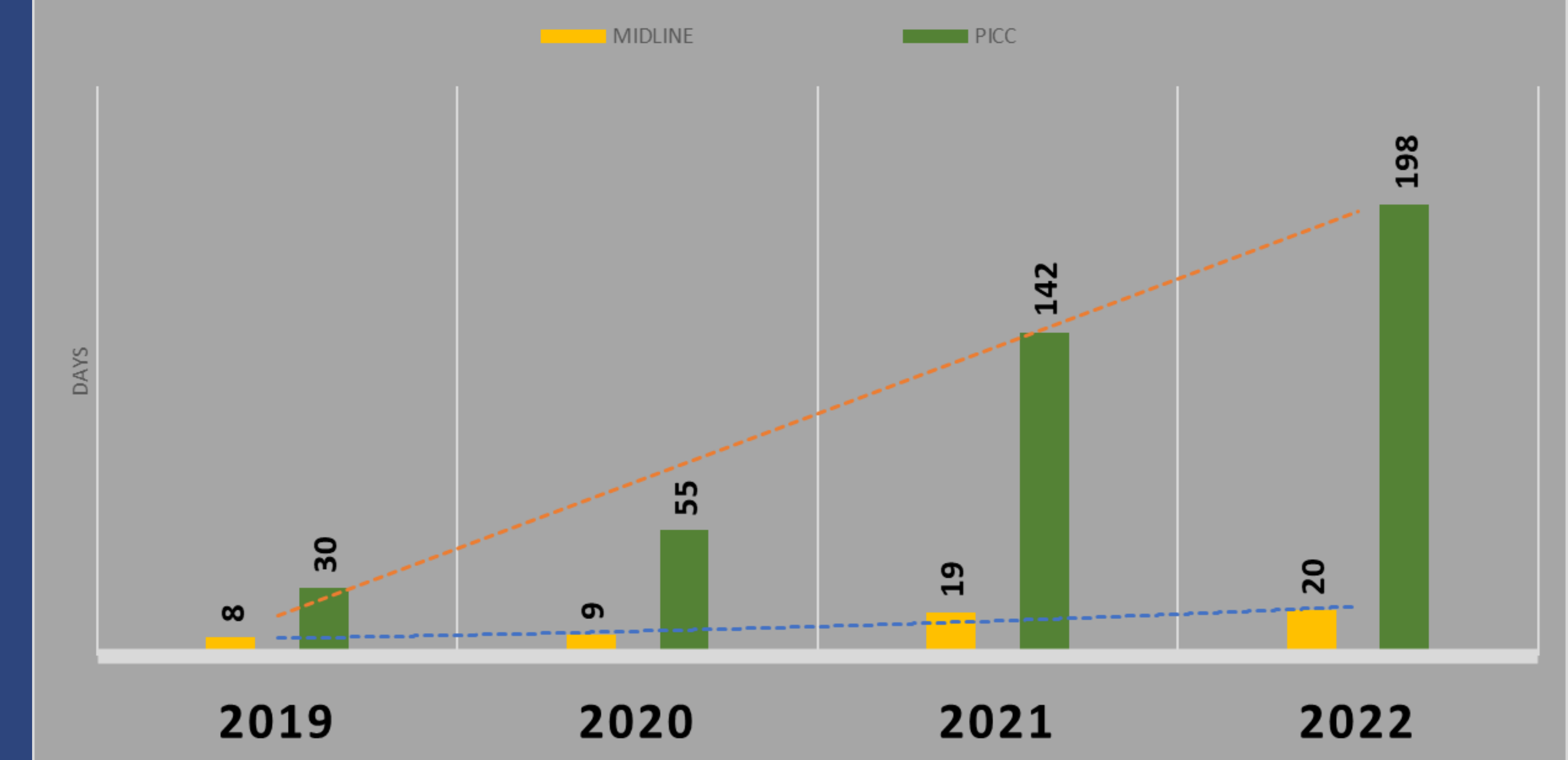
Conclusions

The increasingly frequent use of ultrasound, intracavitary ECG and improved device design allows to get safer and more successful procedures. Many patients currently benefit from early use of short, medium and long-term devices.

TOTAL MIDLINE AND PICC'S



DAYS OF USE PICC AND MIDLINE



TOTAL VAD FROM AUGUST 2019 TO JULY 2022

