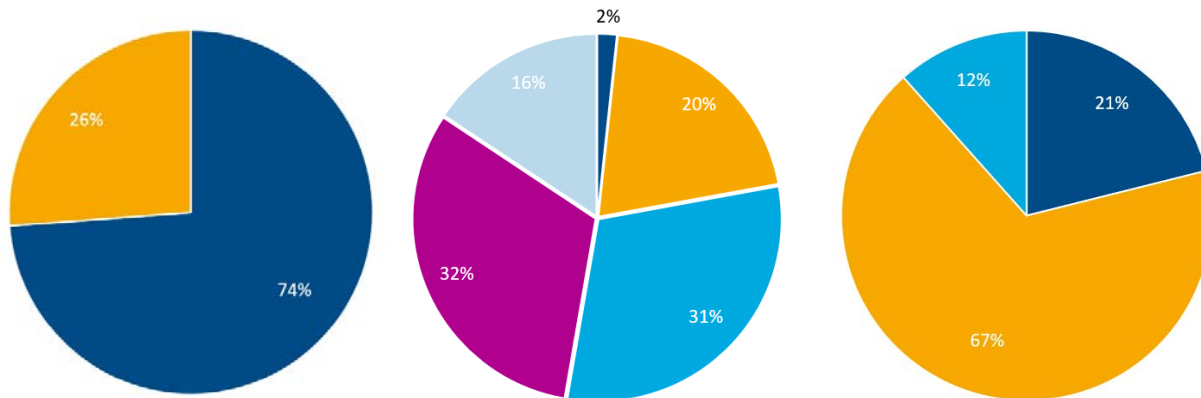




Nurses perspective on Cannulation devices – Results of an International Survey



Presented by

Ilaria de Barbieri & Andy Cox

A joint project between EDTNA/ERCA and Medtronic

ILARIA DE BARBIERI

- RN, PhD
- 2004 - EDTNA/ERCA Member
- 2012 – EDTNA/ERCA Volunteer
- 2016 - Member of the EDTNA/ERCA Executive Committee
- 2016 - Scientific Programme Committee link
- 2017 - EDTNA/ERCA Research Group link





OBJECTIVES OF EDTNA/ERCA

- One of the objectives of the EDTNA/ERCA is improving clinical practice through **EDUCATION**.
- Cannulation Devices across Europe and its implications
- The aim of this Collaboration is:
 - To reach all renal healthcare professionals caring for Chronic Kidney Disease patients
 - To offer them the chance to learn from experts about Cannulation Devices
 - To increase the awareness on devices for cannulation and its implications





OBJECTIVES OF THE SURVEY

- To Investigate the common use of Cannulation Devices
- To identify the implications using a plastic cannula vs a metal needle for cannulation
- To Identify educational gaps and need for further provision of knowledge for renal nurses



METHOD

- Multicenter online survey across Europe and over
- May – August, 2018
- A convenience sample → EDTNA/ERCA nurse member database
- Participation was voluntary
- Anonymous data
- Questionnaire for the purpose, investigating the knowledge on cannulations devices and its use
- Open & close questions

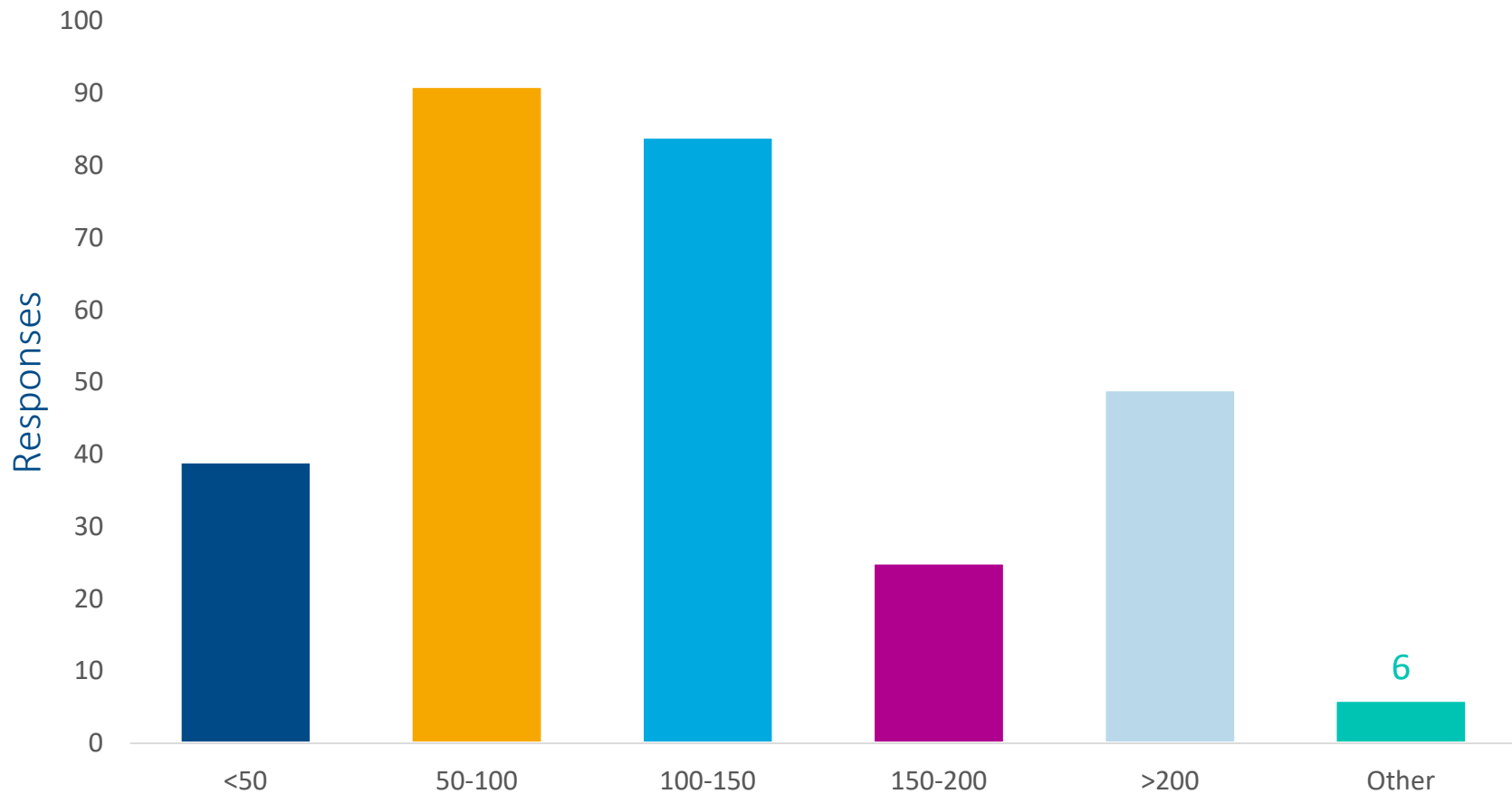


THE RESULTS – BIOGRAPHICAL DATA

- 294 responses from 38 countries
- Age: 25 – 55 years old
- Gender: 74% Females
- Profession: 67% Staff Nurses
- Years of Experience within HD: 72% with >10 years
- In what type of centre do they currently work in: 71%
Public

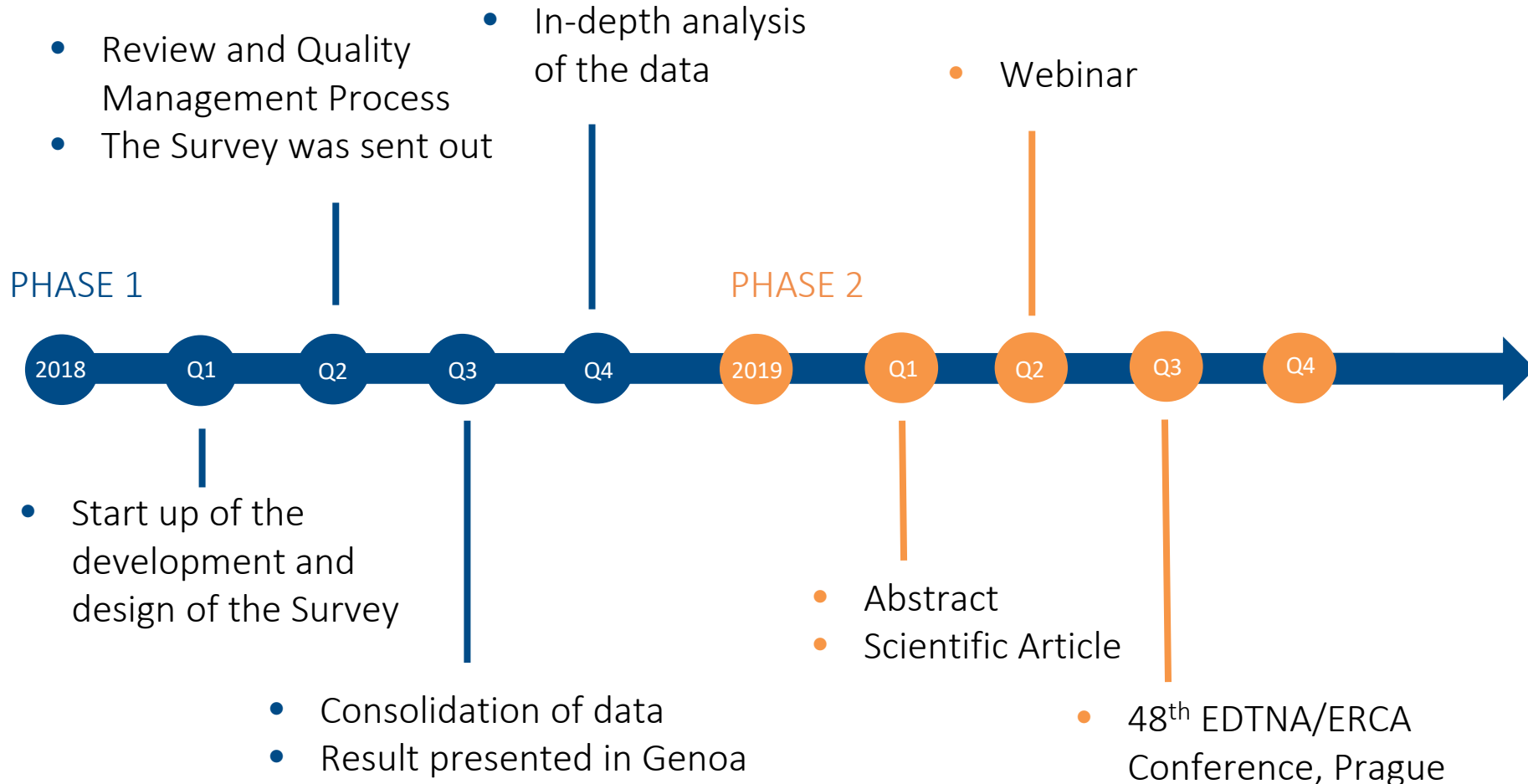


SIZE OF THE CENTRE / TOTAL PATIENTS



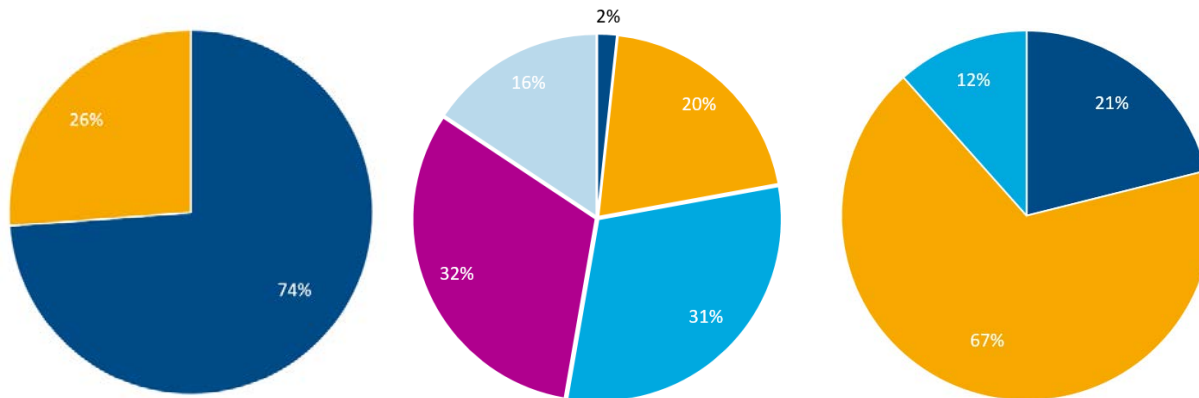


TIMELINE of THE RESEARCH PROJECT





THANK YOU VERY MUCH FOR
YOUR ATTENTION!



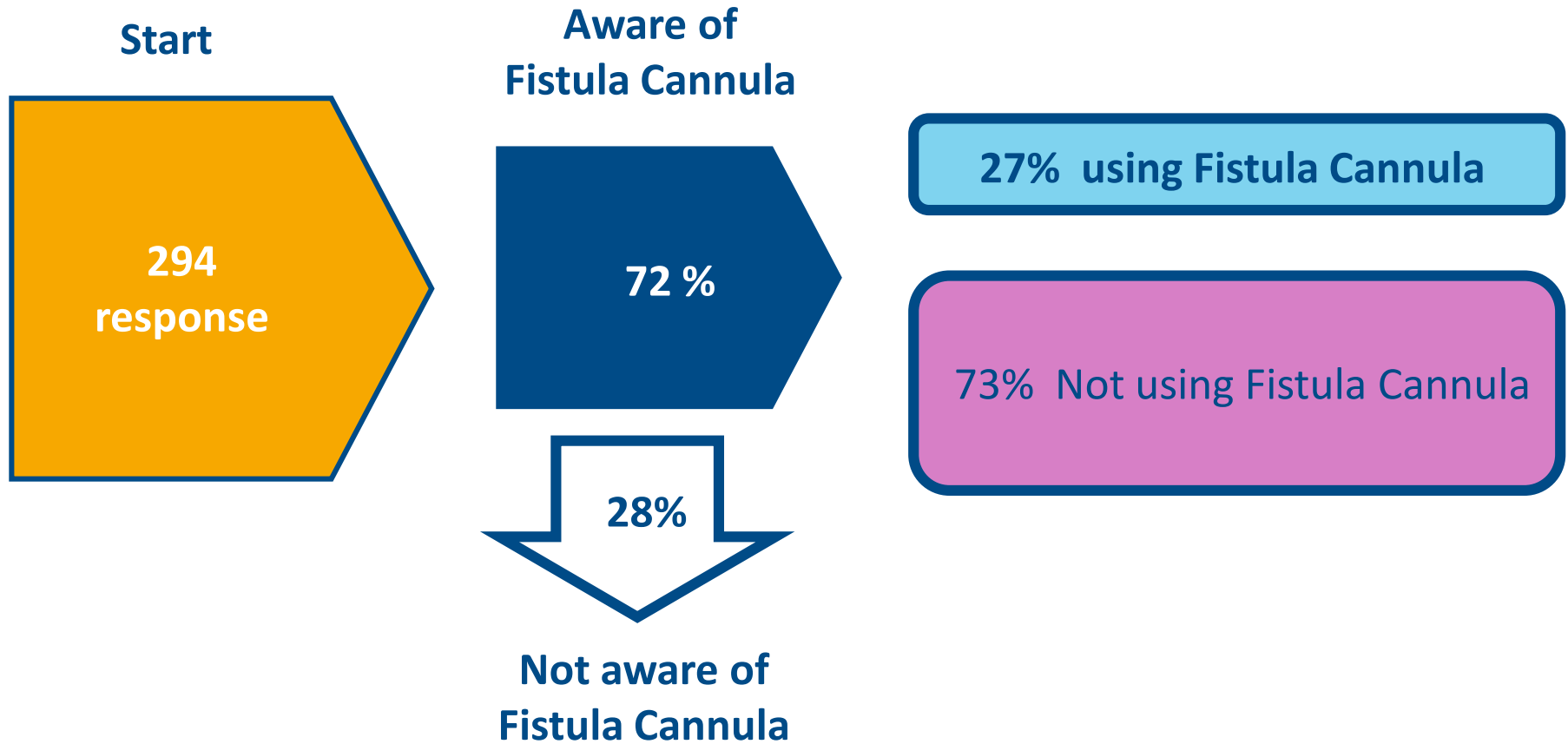
ANDY COX

- 2017 Corporate Member EDTNA/ERCA
- 2015 Business Unit Leader Medtronic - Renal Access
- 2011 Director Training Covidien - Surgical Devices
- 2007 Clinical Training Manager - Energy Based Devices
- 2004 Medical Device Sales – Valleylab Electrosurgery Systems
- 2002 UK Environment Agency – Assistant Scientist
- 2001 BSc (Hons) Environmental Science





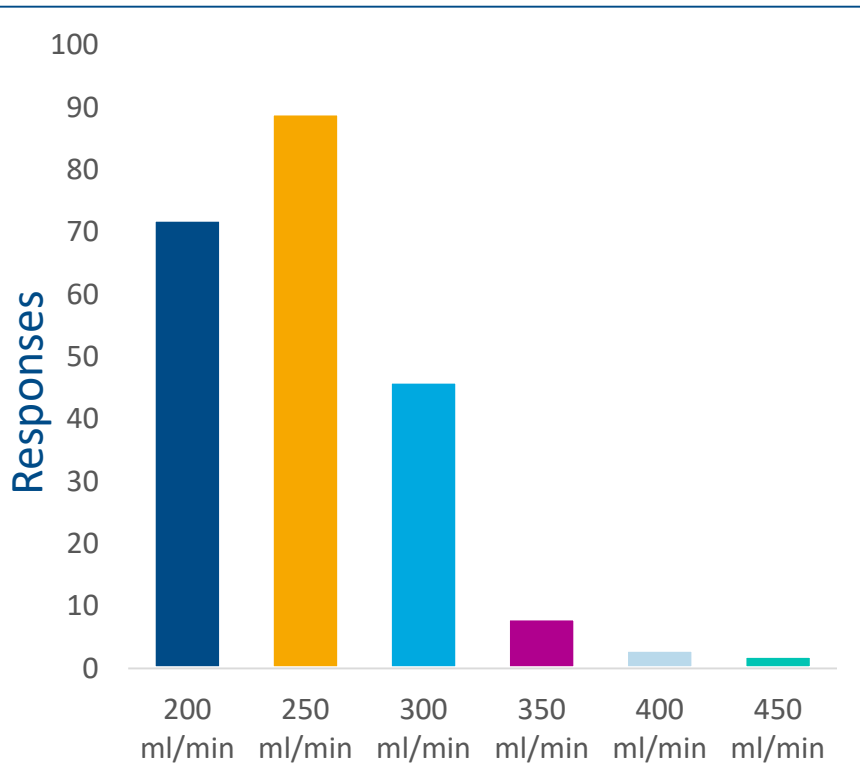
Experience based segmentation built into questionnaire



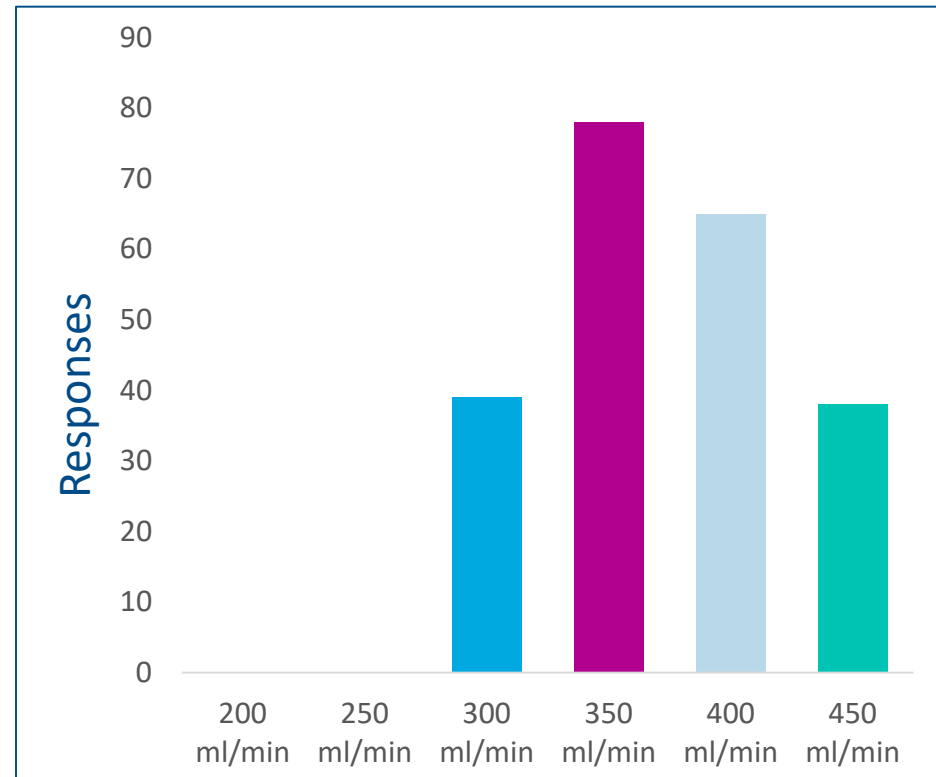


In an ideal situation, what blood flow rate do you consider optimal?

NEW AVFS



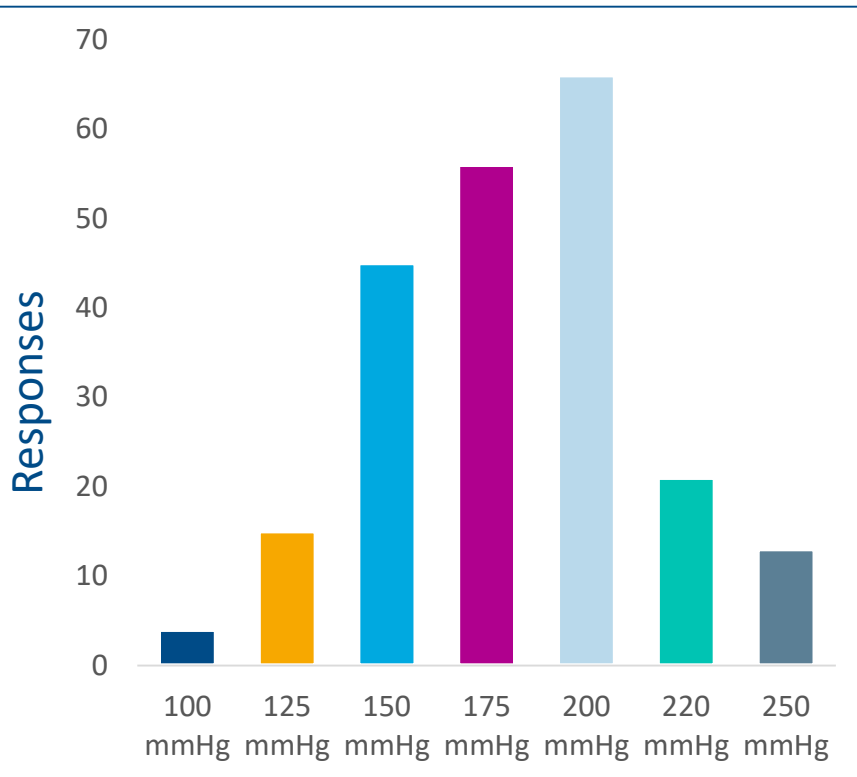
MATURE AVFS



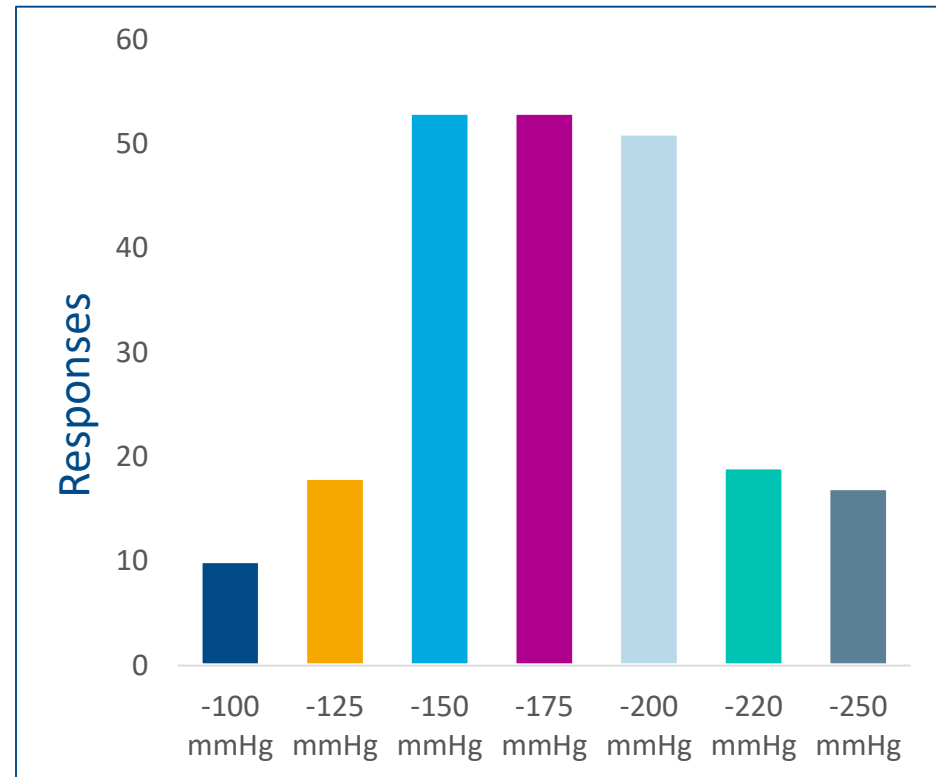


In an ideal situation, for mature AVFs, what limits of pressures (positive and negative) do you consider acceptable?

VENOUS (POSITIVE)

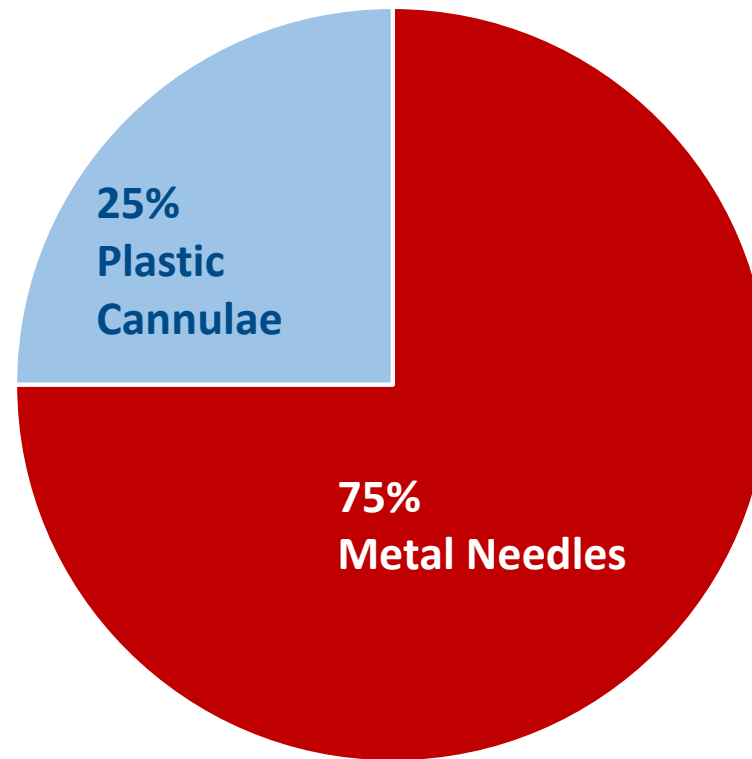


ARTERIAL (NEGATIVE)



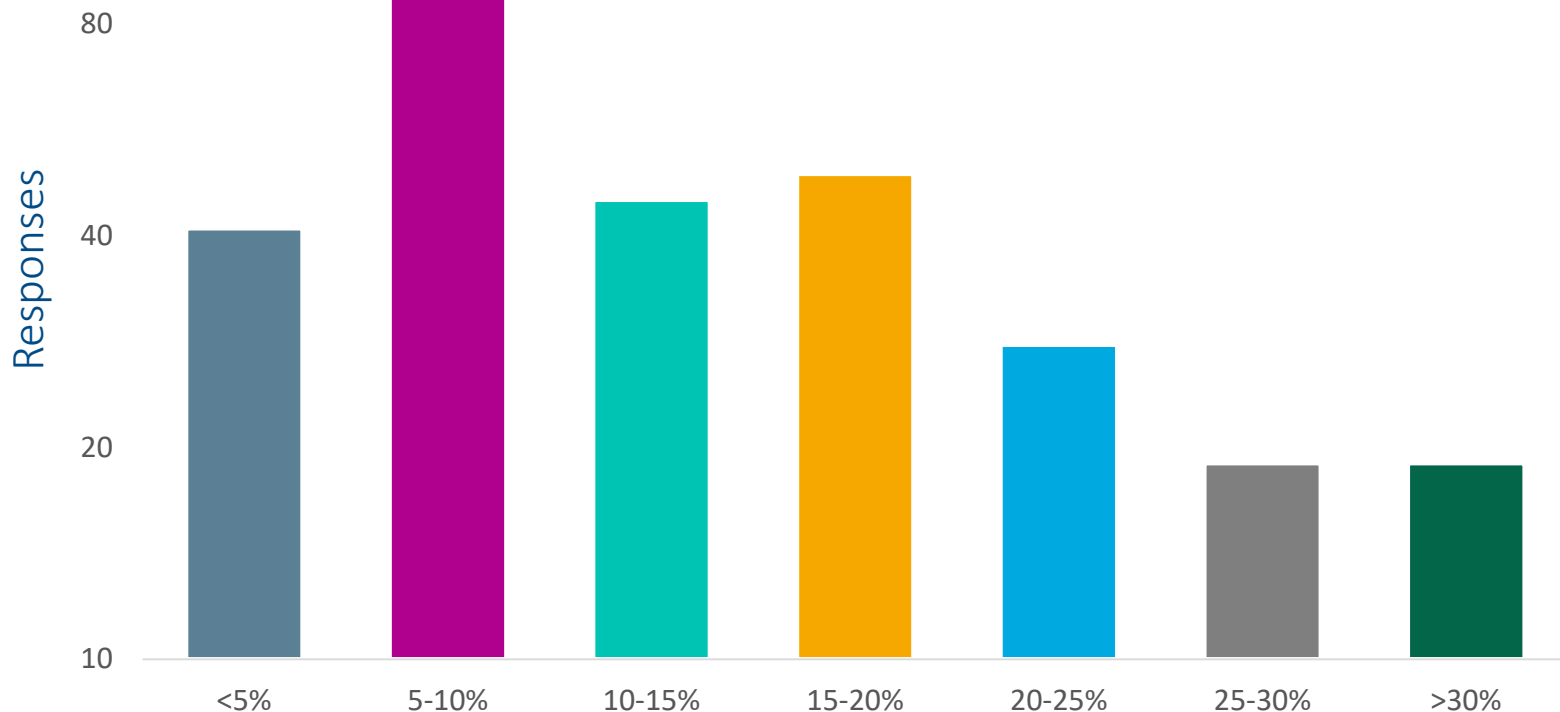


What type of needles do you use in your center?



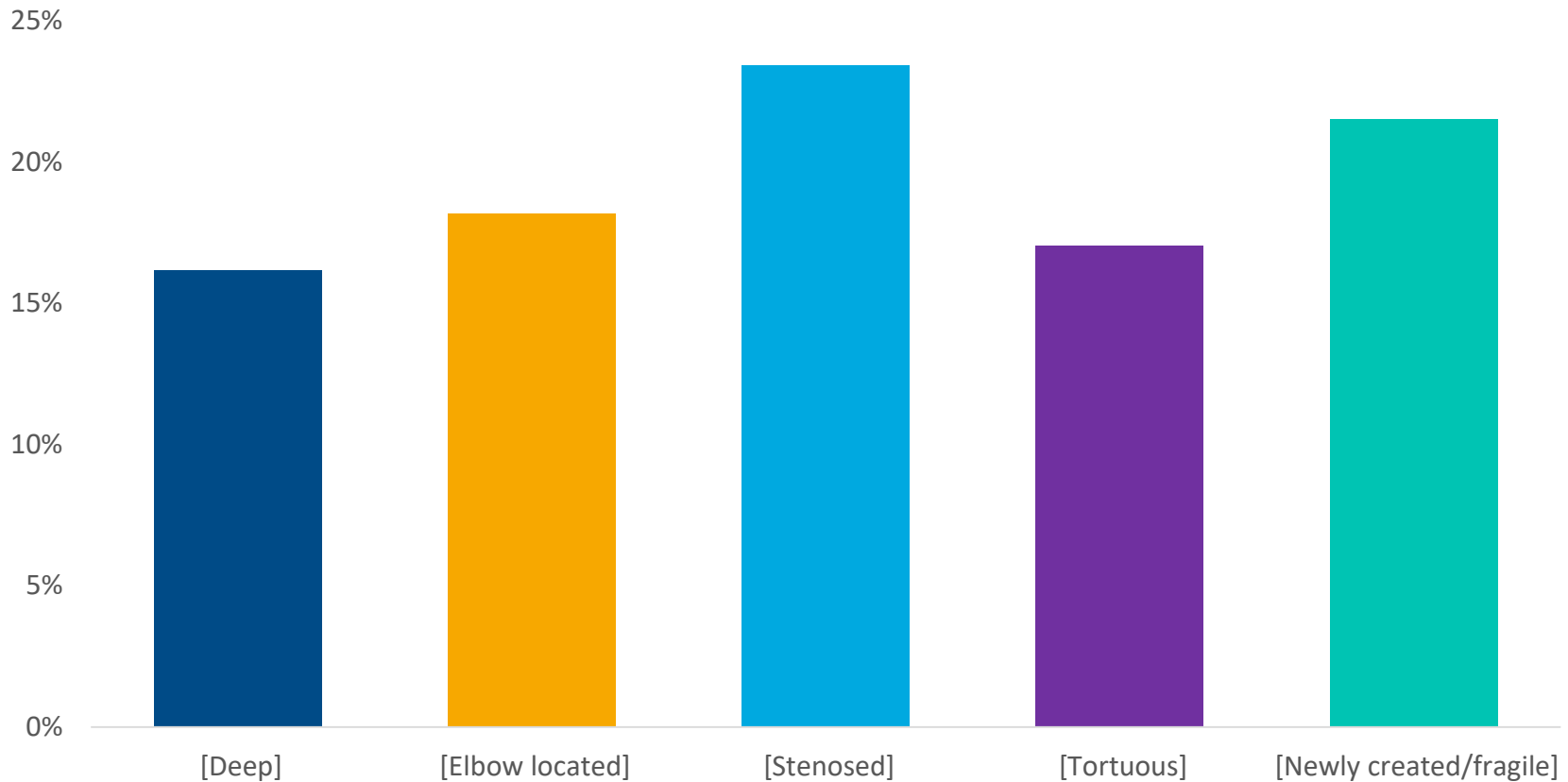


Please indicate the % of complicated fistula in your center



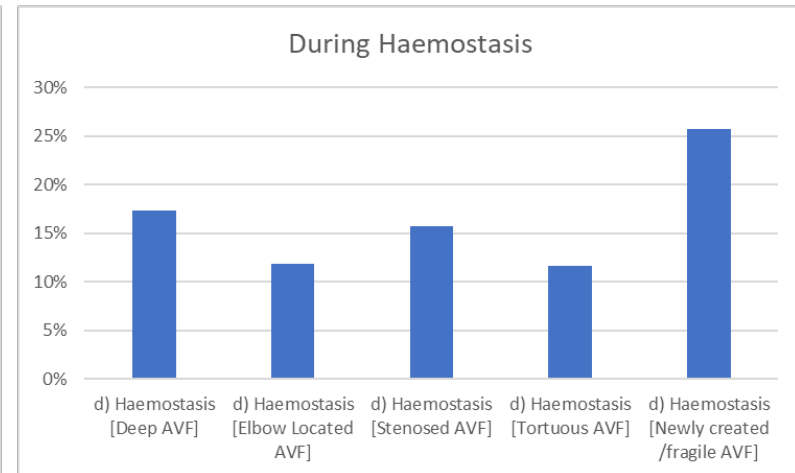
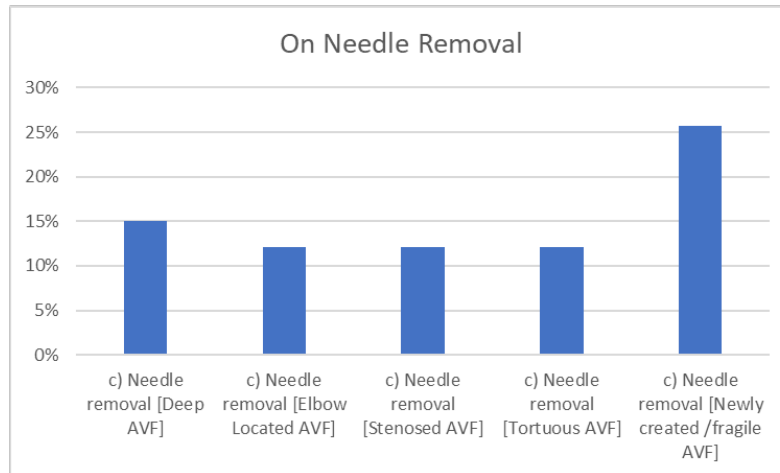
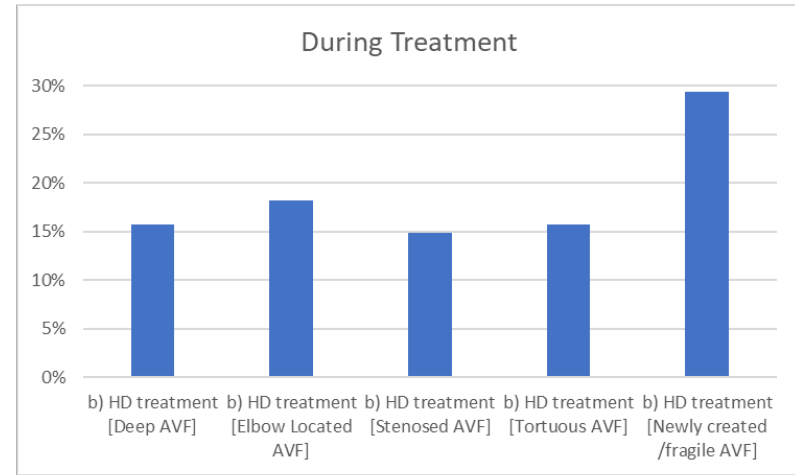
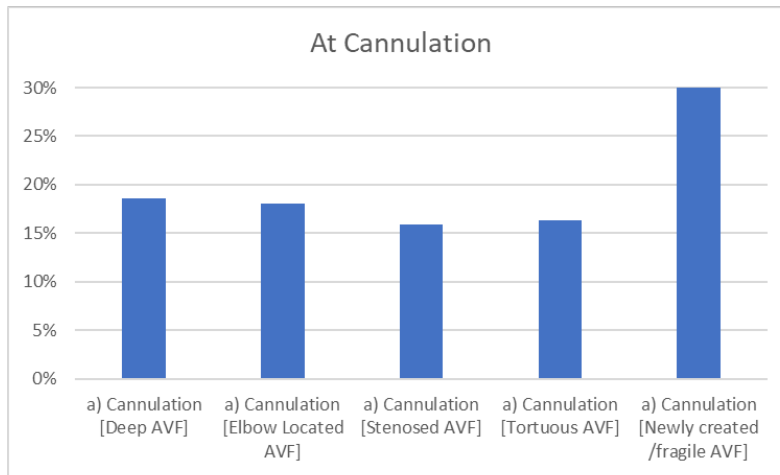


Within the complicated AVFs please indicate the distribution of the below listed types (%)?



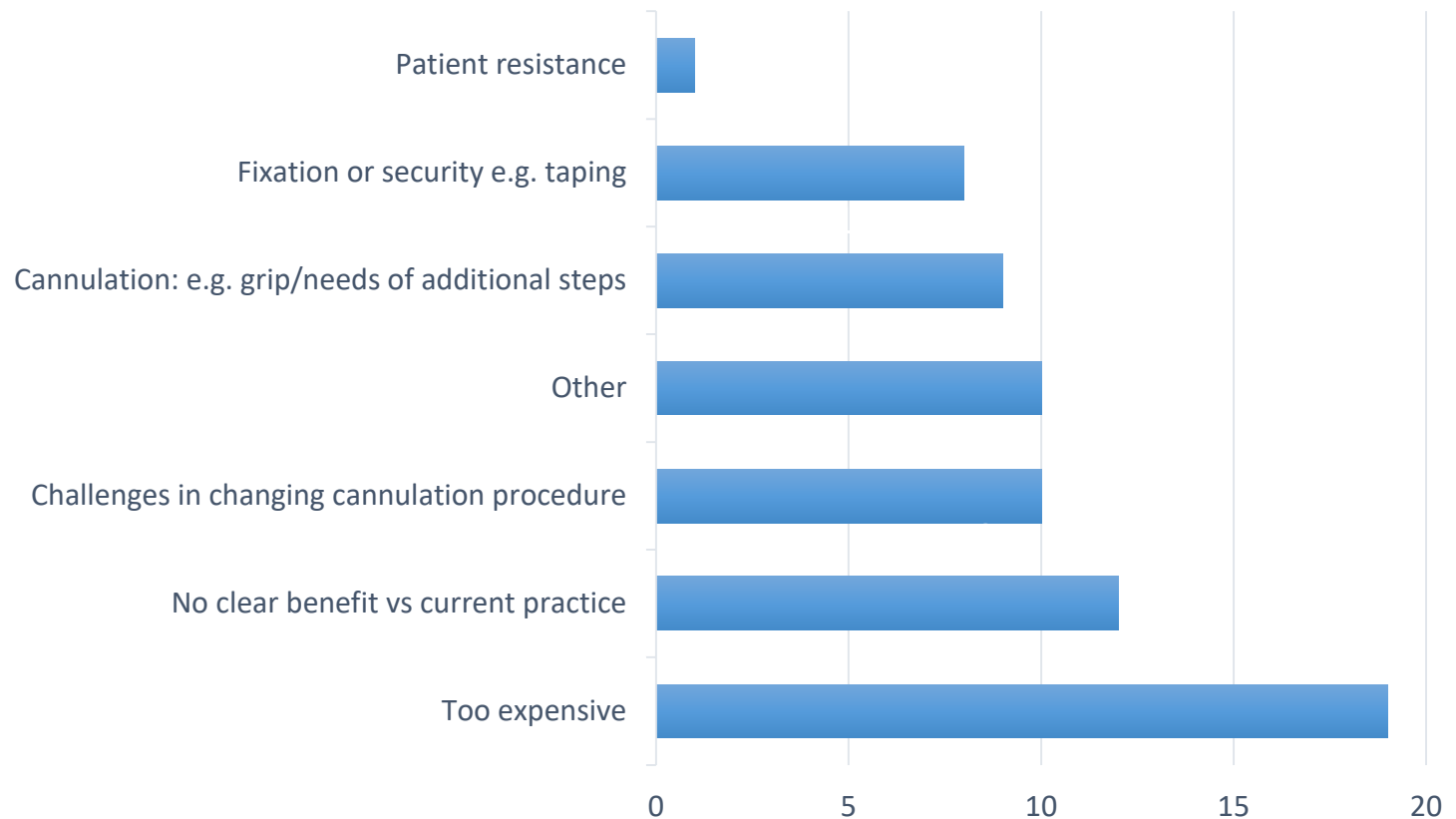


Estimate the percentage and in which phase of the procedures, the infiltration/haematoma occur





Which are the main reasons for not using Plastic Cannula any longer?



Conclusion:

Further investigation required



PLASTIC CANNULAE VS METAL NEEDLES - IS METAL NEEDLE THE RIGHT CANNULATION DEVICE FOR EVERY PATIENT?
ROUND TABLE SESSION
47th EDTNA/ERCA International Conference
September 16, 2018
Genoa, Italy

Round Table Discussion
Sunday 14:00 – 15:30 Maestrale S09
Chair: Maria Teresa Parisotto

Speakers:

Vicki Smith - Australia
Rosa Marticorena - Canada
Marisa Pegoraro - Italy



HANDS-ON CANNULATION WORKSHOPS
with the Argyle™ Safety Fistula Cannula

SHARE YOUR THOUGHTS & COLLABORATE WITH US
SHOW YOUR TECHNIQUE & LEARN BY DOING

Join a 30 minute workshop at the Medtronic Booth #4

- 10 minute discussion
- 20 minute hands-on with cannulation models

Sunday September 16th
09:15 11:15 17:00

Monday September 17th
11:15 14:15 16:15



THANK YOU VERY MUCH FOR
YOUR ATTENTION!

