

Cannula Educational Program



Provide scientific and clinical background on usage of various cannula in order to make the right decision in choosing the right cannula for a specific therapy.

A TYPICAL 1-DAY TRAINING SESSION INCLUDES:

- The basics of flow-physiology and influences that may alter them
- Flow properties in various cannula
- Flow / pressure charts and how they are linked to the technology used
- Experience during hands-on sessions the physics (pressure and flow) in the cannula
- Visualization of the flow properties in different cannulae types and designs
- Alternatives to improving blood-handling using various cannulae
- Recent Medtronic cannula technologies

Dear Colleagues,

The use of any ECC (Extra Corporeal Circuit) always includes the usage of cannulae. The choice of the right cannula is a key decision in the successful management of bloodflow either in routine use or in a minibyypass application.

Furthermore, the cannula often represents the smallest cross sectional area in the circuit and therefore plays an important role in the optimal blood handling capabilities of any ECC.

Controlling shear stress, velocities, pressures and flow patterns are essential for avoiding mechanical hemolysis when using CPB (Cardiopulmonary Bypass) or any other support system (ECMO, VAD, etc...).

As clinicians are getting more and more aware of the importance of circuit design and the right choice of the various components in order to offer better patient outcome, choosing the optimal cannula can highly contribute to this effort.

It is our aim to demonstrate and discuss the various consequences of the use of a specific type of cannula for a specific application.

Both theory and lab-work will be used in order to fully understand and demonstrate the flow characteristics of various cannula designs and types.

We are looking forward to hosting your clinician (surgeon, perfusionist ...) and exchanging ideas on clinical improvements we can expect when using the right cannula for the right therapy.

Yours sincerely,
Christiaan Matheve
Senior Therapy Specialist
ECT Western Europe



GENERAL INFORMATION:

Venue:
Medtronic Cardiac Surgery
Valkenhuizerlaan 16
6466 ND Kerkrade
The Netherlands

Course value:
€ 1500,-

TRAVEL INFORMATION:

Fly into Brussels (110 km away from the venue) or Dusseldorf (75 km away from the venue); FYI, there is more traffic from Dusseldorf than from Brussels.
Transport and hotel: contact Desiree van Tol:
Kerkrade: Tel: +31 455 668 561 / Fax: +31 455 426 462
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