

# WoCoVA

6th World Congress on Vascular Access

# VIRTUAL

29 - 30 APRIL 2021



# FOREWORD ORGANIZING COMMITTEE

Dear colleagues,

Welcome to the 6th WoCoVA – our first truly virtual global congress. After five successful congresses held in various capitals, Covid-19 restrictions forced us to postpone our 6th congress, which was planned for Athens, Greece, last year.

However, we did not want to leave you empty-handed and decided to launch 'WoCoVA Live!'. It was a challenge to take a turn into a direction we'd never been before, but thanks to the dedication of the Organizing and Scientific Committee and the professionalism of the partners who helped us, it is not an overstatement to say that 'WoCoVA Live!' surpassed our expectations. No fewer than 5000 people participated, from 88 countries.

With health restrictions continuing to cause uncertainty, it soon became clear we would still be unable to meet in person in Athens this year. But with the confidence we gained from 2020's 'WoCoVA Live!', we decided we could organize the 6th WoCoVA in a similar fashion: virtual – offering the same quality you are used to, but in a different package. We are convinced that 'WoCoVA Live!' is the best of both worlds we are offering you.

To make the most of your attendance, we strongly recommend that you prepare yourself prior to the congress: test your internet connection, familiarize yourself with the 'virtual congress hall' in which you'll find the lecture rooms, our vendors, and of course the poster presentations. You will also be able to interact with the speakers and other participants. Make sure you use all options in our new virtual environment!

We will certainly learn yet more from this congress. As such, we are very interested in hearing your experiences and feedback. Virtual get-togethers are no replacement for face-to-face congresses, but could be a valuable addition to our overall training program aimed at sharing as much top-notch vascular access knowledge as possible throughout this world.

Last but not least I'd like to take the opportunity to THANK all our sponsors for their continuing support. They keep you informed about the latest innovations and products, and allowing us to continue to share with you the latest developments which ultimately leads optimal patient care and health care-giver satisfaction. Sponsors are important for you and WoCoVA as they are the producers of the vascular access materials we all work with.

I hope the 6th WoCoVA will meet your expectations, and more!

On behalf of the WoCoVA 2021 organization,

Ton van Boxtel  
Congress President



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# COMMITTEES

## GLOBAL COMMITTEE

This committee consists of representatives from all over the world. It is the congress's ears and eyes ensuring that different global needs and opinions are covered on the subject of vascular access.

USA - Josie Stone *Chair person Global Committee*  
 Argentina - Maria Veronica Mauri  
 Australia - Evan Alexandrou  
 Austria - Christian Breschan  
 Belgium - Martine Jerome  
 Brazil - Claudia Luz  
 Canada - Sharon Armes / Cherie Pinkerton / Tami Jemson  
 China - Jingui Zhang / Sun Hong  
 Czech Republic - Jiri Charvat  
 Denmark - Kasper Jepsen  
 France - Eric Desruennes / Christian Dupont  
 Germany - Ulf Teichgräber  
 Greece - Evangelos Konstantinou  
 Hong Kong - Peter Tang  
 Hungary - Agi Szekacs  
 India - Anil Bhambhani  
 Iran - Morteza Khavanin Zadeh  
 Ireland - Peter Carr  
 Italy - Mauro Pittiruti  
 Lebanon - Jocelyne Abou Jaoude  
 New Zealand - Lynette Lennox  
 Philippines - Susan Labuntog  
 Portugal - Rita Barroca  
 South Korea - Jang Yong Kim  
 Spain - Maria Antonia Cubero Perez / Paloma Ruiz Hernandez  
 Sweden - Karin Johansson  
 Switzerland - Wojciech Staszewicz  
 The Netherlands - Ton van Boxtel  
 United Kingdom - Carmel Streater / Jackie Nicholson  
 USA - Paul Blackburn / Tim Spencer

## SCIENTIFIC COMMITTEE

The Scientific Committee ensures that the WoCoVA program meets its high standards, making sure that content presented meets WoCoVA's quality requirements.

Mauro Pittiruti – Italy *Chair person Scientific Committee*  
 Ton van Boxtel – The Netherlands  
 Marguerite Stas – Belgium  
 Paul Blackburn – USA  
 Josie Stone – USA  
 Ken Symington – USA  
 Gloria Ortiz Miluy – Spain

## ORGANIZING COMMITTEE

The organizing committee deals with all aspects to make the congress a success.

Ton van Boxtel – *Chair Organizing Committee*  
 Jacoline Zilverentant – Congress Manager  
 Toine Hulshof – Manager Communication and Company Contacts  
 Lynn van Rennes – Digital Platform Specialist

# HISTORY OF WOCOVA



**2002**

## **AVA discussions**

The strategic committee of the USA-based Association of Vascular Access (AVA) started annual discussions on the need for a world-wide organization to promote the scientific knowledge and experience on vascular access. The committee suggested a global congress, organized by an independent organization.

**2009 Birth of WoCoVA**

The World Congress on Vascular Access (WoCoVA) was established to create an international independent platform focussing on vascular access.



**2010**

## **The First Congress**

The First WoCoVA took place in Amsterdam, The Netherlands, on 17 and 18 June. Well over 1000 participants from all around the world attended a large number of presentations delivered by vascular access experts, clinicians and companies. The success of this first world congress underlined the need for global sharing of VA knowledge. It set the standard for future congresses.

**2012  
WoCoVA 2012**

Two years after the first congress, the 2nd WoCoVA was organized, again in Amsterdam, but this time in the historic Stock Exchange building. Many vendors used the floor space to demonstrate their latest products to the participants, whose number had increased again since 2010.



**2014**

## **WoCoVA 2014**

By now WoCoVA has become a biennial tradition. The third congress, at the Berlin Congress Center (Germany), saw a further increase in the attendance of VA professionals world-wide.

**2015  
Hong Kong Special Event**

Hong Kong's Hotel Shangri-La hosted the first WoCoVA Special Event, which enabled participants from the Asian region to learn about the core knowledge that had been presented in Berlin the previous year.



**2016**

## **WoCoVA 2016**

The 4th WoCoVA took place in Lisbon, Portugal. By now WoCoVA also actively supported the creation of National Societies – groups of VA experts within a country to further promote vascular access knowledge through their local network. In Lisbon the launch of the Portuguese National Society (ApoAVA) was celebrated.



# HISTORY OF WOCOVA

**2017**

## WoCoVA Special Event in Australia



After the success of the Hong Kong Special Event, a second one followed in Perth, Australia. Key Points from the Lisbon congress were presented.

**2018**

## GloVANet Launched



At the closure of the Copenhagen congress, GloVANet was introduced. This 'Global Vascular Access Network' is the umbrella organization including WoCoVA (the congresses, Special Events, and other events) and other VA projects. GloVANet offers tools for communication, certified education, and clinical practice.

**2018**

## WoCoVA 2018

The modern capital of Copenhagen (Denmark) formed the backdrop of the 5th WoCoVA, and was themed 'Patients First' to re-focus on the people whose lives we constantly strive to improve. With 49 invited speakers delivering 120 presentations to +1000 attendees (from 52 countries), the congress continued in the familiar path which by now had been paved. By now, WoCoVA also played an increasingly important role in educational programs, consensus meetings, and publications.



**2019**

## WoCoVA/SIAV Special Event



In collaboration with Brazilian's National Society SIAV, a new WoCoVA Special Event was held in the A.Einstein Hospital, São Paulo. This event focussed on Copenhagen's highlights and was attended by many Brazilian clinicians.

**2020 - 2021**  
**WoCoVA MtE**

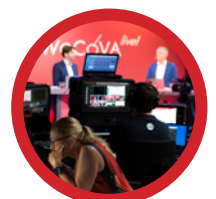


As part of WoCoVA live! WoCoVA offered 4 Meet the Expert sessions. Each MtE covering relevant topics, each time with two expert speakers and a Q&A

**2020**

## WoCoVA Live!

Athens (Greece) had been chosen as the site for the sixth congress, but early 2020 the world came to a halt as the corona virus restricted travelling and group meetings. Athens had to be postponed. As an alternative, WoCoVA Live! was launched. It allowed a huge number of people to join. This mini-online congress (at no charge) proved to be a huge success in a new direction we had envisaged earlier, but not explored - until Covid-19 forced us.



**2021**

## WoCoVA VIRTUAL



Having learned from WoCoVA Live!, it was decided a new online congress would be organized. Again, using a professional recording studio, speakers delivered their presentations online, while chair Ton and his team hosted the event.

# EVENT PLATFORM INSTRUCTIONS

## How to survive an online event?

The 6th WoCoVA VIRTUAL, a two-day online event. How do you survive these two days completely online and have a pleasant experience? We have 7 tips for you!



### **Tip 1: Create your personal program.**

this congress brochure provide all the information to create your personal program. Decide which sessions you would like to join: the core ones and the optional ones. Decide which sponsors you would like to visit and posters you would like to view. Make sure you do not miss anything. To make things easier for you, all content will remain online for you for up to three weeks after the congress finishes.

### **Tip 2: Check your connection and setup.**

You can use a regular desktop, notebook computer or a tablet to join the 6th WoCoVA VIRTUAL. It is not recommended to use a smartphone as the screen size is typically too small for the features we provide. Make sure you have a good internet connection and enter our virtual congress from Google Chrome or Microsoft Edge, which are the browsers we recommended to use. Finally, try to find a nice and quiet spot where you won't be distracted. If you move to another spot make sure you check the strength of your wifi connection: for example, play some YouTube videos to ensure your bandwidth is sufficiently large. If your signal is too weak, an inexpensive wifi signal repeater may provide the solution.



### **Tip 3: Participate and stay focused.**

Follow the sessions from one of the four live streams that run simultaneously. Do you have a question? Write it down in the interactive chat window on the right side of the screen. Also, look for interaction. Chat with the other participants or plan a meeting with a sponsor.

### **Tip 4: Take a break.**

Make sure you take enough time for a break and to get away from your device. Do some exercises or take a walk. Then continue with the next topic, refreshed again.



### **Tip 5: Take good care of yourself.**

Always have a bottle of water near you and make yourself a healthy breakfast, lunch, and dinner. Food is the fuel for your brain.

### **Tip 6: Join the extra's.**

Except from the sessions, do not forget to join the other parts of the program. Visit the Exhibition Hall and the ePosters. Join Sponsor Meetings or plan your own meetings with one or more participants.



### **Tip 7: Be understanding.**

It is the first time we organize a truly virtual WoCoVA. We worked very hard to offer you a balanced, updated and interesting program, in collaboration with professional and experienced partners. Should something go wrong, rest assured that we will be there to fix things as soon as possible.

# EVENT PLATFORM INSTRUCTIONS

## Getting Around In WoCoVA's Virtual Congress Environment

### Introduction

The 6th WoCoVA VIRTUAL has been designed to make it look familiar for those who have been attending any of our previous congresses. This chapter will guide you through the main features of the 6th WoCoVA, in order for you to make the most of your attendance. It is good to familiarize yourself with its features so you know where to look for the things that are of your interest.

### Calendar

Here's an overview of a few important dates we would like to share with you.

Tue 27 April 2021	WoCoVA Virtual can be accessed to familiarize yourself with the virtual congress environment. <ul style="list-style-type: none"><li>• The ePosters are also accessible from this date onward.</li></ul>
Thu 29 April 2021 Fri 30 April 2021	Join the 6th WoCoVA VIRTUAL.
From 30 April 2021 to Fri 21 May 2021	Content remains available online for registered participants. <ul style="list-style-type: none"><li>• Sessions, posters, video's and information about the sponsors remains online for up to 3 weeks after the congress. Access will close at 23:59 CET on Fri 21 May 2021.</li></ul>

## Sign up for the 6th WoCoVA VIRTUAL

Registered participants have access to the 6th WoCoVA. Please visit the WoCoVA website for more information and to register: [www.wocova.com/virtual-registration](http://www.wocova.com/virtual-registration).

### Sign in

To access our virtual congress, get your desktop, notebook computer or a tablet and go to the following link in your Google Chrome or Microsoft Edge browser:

<https://app.canapii.com/e/wocova-2021/>

You will sign in with your email and the password you created when you registered.

If you forgot your password, click the link 'Forgot your password?' on the page to request a new one. For any other technical difficulties, please contact [help@canapii.com](mailto:help@canapii.com).

# EVENT PLATFORM INSTRUCTIONS

## Update Your Profile

Once you have successfully signed in, you will be presented with the homepage. In the right upper corner of the screen you will see your name.

- Click on your user name and select [Profile](#);
- From the menu that follows, select [Update Profile](#).

The 'Update Profile' page will launch.

### Personal Details

First, you can update your personal details such as name, company and job title.

### LinkedIn Profile

If you use LinkedIn, you can enter your personal LinkedIn address (URL) into this field. This will allow other professionals to easily connect with you through LinkedIn. You have a personal LinkedIn address if your LinkedIn profile is set to *public*. To find out what it looks like, sign in to LinkedIn and do the following:

- Go to LinkedIn and sign in;
- Click the Me icon at the top of your LinkedIn homepage and choose 'View profile';
- On your profile page, click 'Edit public profile & URL' on the right rail;
- Under the section Edit URL in the right rail, locate your public profile URL;
- The URL typically starts with [www.linkedin.com/in/](http://www.linkedin.com/in/);
- Copy and paste this link into the 'Update Profile' page in the virtual congress environment.

### Upload Photo

You can either upload a photo from your device (computer, tablet), or use the one you are using on LinkedIn. If you select LinkedIn, you need to log in to your LinkedIn account and give Canapii access to your profile picture.

### Set your time zone

When viewing an event that is taking place in another region or time zone, it can be a bit daunting to make sure that you know when to attend your sessions. When you are inside the 6th WoCoVA, you simply navigate to the 'clock' icon on the top right-hand corner of your screen. Here you will be able to select your own time zone from the drop-down menu. This will auto translate all times throughout the event based on your selected time zone.

*Note: the program will stay in CET. Below you can easily convert the time blocks of the program to your time zone.*

Thursday 29th April 2021, 9:00 – 13:00 CET – [Convert here to your own time zone](#)

Thursday 29th April 2021, 16:00 – 20:00 CET – [Convert here to your own time zone](#)

Friday 30th April 2021, 9:00 – 13:00 CET – [Convert here to your own time zone](#)

Friday 30th April 2021, 16:00 – 20:00 CET – [Convert here to your own time zone](#)

## What has the 6th WoCoVA to offer

Once you've entered the congress, you'll land on the Home Page. Notice that the top of the screen show the Menu Bar. Combined, they offer you the following options:

### Home

The Home Page gives access to the four live streams of our Scientific Program:

- Main Hall
- Breakout Room 1
- Breakout Room 2
- Breakout Room 3

Scroll further down and you will also find the industry symposia, sponsor meetings and videos on demand. At the bottom, you can visit the sponsors

# EVENT PLATFORM INSTRUCTIONS

## Chat Screen

You will find the Chat Screen on the right. There are two different types of chats:

1. Event allows to chat with everyone in the online congress.
2. Personal , allows to interact with one member. Click on personal to have a look at all personal chat conversations.

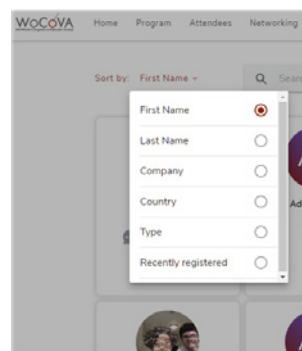
## Program

Clicking on Program will bring up the complete program of WoCoVA VIRTUAL.

## Attendees

Selecting Attendees will bring up all participants, sponsors and speakers who participate at WoCoVA VIRTUAL. They may or may not be online. There's a neat filter feature that is easily overlooked. It allows you to sort all attendees by country, company or other characteristics. Or you can also directly search for a name.

Click on the card to have a look at the participants profile. Choose the speech bubble to directly send a chat, schedule a meeting by clicking on the two-persons icon or click on the camera to meet now.



## Networking

You can create meetings with one or more participants, speakers and sponsors at the same time. On this page, you have an overview of all approved, pending and rejected meetings you have. Meeting rooms are sessions designed to allow a two-way connection using audio and video. Five minutes before the meeting is due, members of the meeting will see the 'Join Now' button. The participant who initiated the meeting is the host and need to start the meeting. Without the host the meeting cannot start. A maximum of 16 attendee videos can appear on the screen at once and a maximum of 250 can join.

## Speakers

Have a look at all registered speakers of the program. Click on their photo for professional background information, to view their LinkedIn profile (if available it will bring up a new window in your browser) and get in contact.

## Sponsors

We designed a 3D exhibition hall for our sponsors and exhibitors. Click on a Gold, Silver or Bronze sponsor, or on an exhibitor to go to their exhibition booth. Each booth provides information about the company and its products through documents, videos or links. There are company representatives who'll be pleased to chat with you.

## Posters

Around 100 presenters uploaded their poster for the 6th WoCoVA VIRTUAL. This Program Book lists all posters that have been submitted. It's a long list, but fortunately you can filter by title, author and other characteristics.

- We'd like to ask you to take a moment to rate the poster you viewed.
- You can leave your comment and ask questions to the poster presenter.

*Note: not all posters are uploaded by the submitter. You will clearly see in the virtual congress environment which posters are uploaded and which are not.*

# EVENT PLATFORM INSTRUCTIONS

## Gamification

Earn Points! Every time you participate to a presentation, or perform other tasks on the WoCoVA VIRTUAL website, you collect points. For example, when you've completed your profile, visited a live stream, joined a sponsor meeting or viewed the e-Posters. The gamification page shows your personal progress, as well as your rank on the leader board and the rules.

There are a few special prizes for those who end up in the Top 3! In addition, if you earn more than 250 point during the congress you have a chance to win prizes in the raffle...!

## FAQ's

If you have any questions about the program or online congress environment, please first have a look at the program book and Frequently Asked Questions (FAQ). If you cannot find the answer to your question, send an email to

- [help@canapii.com](mailto:help@canapii.com) for technical questions about the website
- [info@wocova.com](mailto:info@wocova.com) for questions about the content of WoCoVA VIRTUAL.

## After the 6th WoCoVA VIRTUAL

### Certificate of Attendance

All participants will receive a 'Certificate of Attendance'. WoCoVA Virtual does not provide any form of accreditation, but you are free to use the Certificate of Attendance within your own organisation.

## Survey

WoCoVA will monitor the overall success of this first virtual congress, in order to determine which areas need further improvements. Your feedback is important: how was the connection, the quality of the presentations? How do you rate our virtual congress? How can we further improve for future events? We really value your time and effort for letting us know. It is for you and the other vascular access professionals we are doing it for. Thank you!

# EARN POINTS, AND WIN!

Every time you participate at a presentation or perform other tasks on the 6th WoCoVA VIRTUAL platform, you collect points; for example, when you've completed your profile, visited a live stream or the exhibition booth, joined a sponsor meeting or viewed the e-Posters. At the platform gamification page, you find the rules on how to earn points, and how many points you can earn. Also, your personal progress, as well as your rank on the leader board.

## There are a several nice prizes to win!

### There are two times 3 prizes:

First, if you earn more than 250 point during the congress you have a chance to win one of the next prizes in the raffle...!

#### 1st prize:

Free registration for the 7th WoCoVA physical meeting in Athens (16-18 March 2022), and 3 nights hotel

#### 2nd prize:

Free registration for the 7th WoCoVA physical meeting in Athens (16-18 March 2022),

#### 3rd prize:

Free VIRTUAL registration for the 7th WoCoVA meeting (16-18 March 2022),

#### 1st prize:

Free registration for the 7th WoCoVA physical meeting in Athens (16-18 March 2022), a flight (economy class) to Athens and 3 nights hotel (with a maximum of 2000 Euro total for hotel and flight)

#### 2nd prize:

Free registration for the 7th WoCoVA physical meeting in Athens (16-18 March 2022), and 3 nights hotel

#### 3rd prize:

Free registration for the 7th WoCoVA physical meeting in Athens (16-18 March 2022)

Second, there will be 3 prizes for the 3 people that have the most points, the person with the highest number of points gets the first prize:

We hope that the gamification will stimulate you to visit all parts of the 6th WoCoVA platform and good luck in collecting points. Enjoy the congress!

*If there is an equal result, we do a draw*

# PROGRAM BLOCK 1. THURSDAY 29 APRIL 2021

Times shown are CET

**09:00 - 09:10**

## **Opening**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- Opening - *Ton van Boxtel (NL)*

**09:10 - 09:40 (I-01)**

**Keynote address: Ultrasound in vascular access: the good, the bad and the ugly**  
*Massimo Lamperti (AE)*

**09:40 - 10:30**

## **Plenary Session 1: WoCoVA/GloVANet in 2021**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- WoCoVA in the World – *Ton van Boxtel (NL)*
- The Global Committee in the World – *Josie Stone (US)*
- The Global Committee in the World: Austria – *Christian Breschan (AT)*
- The Global Committee in the World: Spain – *Paloma Ruiz Hernandez (ES)*
- The Global Committee in the World: China – *Jinghui Zhang (CN)*
- The Global Committee in the World: Phillipines – *Susan Labuntog (PH)*

**09:40 - 10:30**

## **Session 1. Web resources for the vascular access specialist**

**Breakout Room 1**

Host: Josie Stone (US)

- A system for applying best practices: vessel health and preservation – *Nancy Moureau (US)*
- The VAD Expert application – *Mauro Pittiruti (IT)*
- Free guidelines and other resources on the web – *Tim Spencer (US)*

**09:40 - 10:30**

## **Session 2. Infection prevention: the role of non-antibiotic antimicrobial lock solutions**

**Breakout Room 2**

Host: Peter Carr (IE)

- Taurolidine lock in 2021 – *Fabrizio Brescia (IT)*
- Alternative options for lock solution – *Jocelyn Hill (CA)*
- Minimizing interaction risks between medications and infusion tubings: how much do materials come into play? – *Phillip Chennell (FR)*
- Pre- and post-review of a standardized ultrasound-guided central venous catheterization curriculum evaluating procedural skills acquisition and clinician confidence – *Tim Spencer (US)*

**10:30 - 10:40**

## **Commercial BREAK**

**Main Hall, Breakout Room 1, Breakout Room 2 and Breakout Room 3**

**10:40 - 11:15**

## **Session 3. The state of the art of PICC insertion**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- The 'global' use of US during PICC insertion – *Fulvio Pinelli (IT)*
- An insertion bundle for PICC in 2020 – *Evangelos Konstantinou (GR)*

# PROGRAM BLOCK 1. THURSDAY 29 APRIL 2021

Times shown are CET

**10:40 – 11:15**

**Breakout Room 1**

Host: Josie Stone (US)

## **Session 4. Ultrasound for tip navigation and tip location**

- Ultrasound for tip navigation – *Antonio LaGreca (IT)*
- Ultrasound for tip location – *Davide Vailati (IT)*

**10:40 – 11:15**

**Breakout Room 2**

Host: Peter Carr (IE)

## **Session 5. VAD in non-hospitalized patients**

- Optimizing outpatient intravascular device selection – *Tim Spencer (US)*
- Long term VADs – *Andrew Bodenham (UK)*

**10:40 – 11:15**

**Breakout Room 3**

Host: Agnes vd Hoogen (NL)

## **Pediatric session A. Infection prevention**

- Old and new strategies for infection prevention in neonates – *Darcy Doellman (US)*
- Prevention of CVC related infections in Paediatric Oncology Patients – *Ceder vd Bosch (NL)*

**11:15 – 11:45**

**Main Hall, Breakout Room 1**

## **Industry Symposium**

**11:45 – 12:15**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

## **Roundtable**

Q&A on the sessions of block 1

panelists: – *Massimo Lamperti (AE)*, *Andrew Bodenham (UK)*, *Agnes van den Hoogen (NL)*, *Evangelos Konstantinou (GR)*, *Tim Spencer (US)*

**12:15 – 13:15**

**Dedicated time to Visit the Companies at the Exhibition, Specific Meetings, Posters & Connect to other Participants**

# PROGRAM BLOCK 2. THURSDAY 29 APRIL 2021

Times shown are CET

**16:00 - 16:05**

## **Opening**

**Main Hall**

Hosts: Mauro Pittiruti (IT), Ton van Boxtel (NL)

- **Opening** - Ton van Boxtel (NL)

**16:05 – 17:15**

**Main Hall**

## **Plenary session 2. The Vascular Access Team and its power in reducing VAD-related complications**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- VAD team and the reduction of VAD – *Amy Bardin (US)*
- The cost-effectiveness of the VAD team – *Kathy Kokotis (US)*
- The power of team in home care – *Ton van Boxtel (NL)*
- Reducing waiting times and reliance on fluoroscopy for PICC insertions through acquisition of a dedicated vascular access procedure room – *Angela Coronado (UK)*
- Home IV antibiotic course in a large CF adult centre in France: prevalence of self-care – *Christian Dupont (FR)*
- Novel, intermittent pneumatic, wearable compression device for vein enhancement and vein dilation helps with renal failure care and phlebotomy procedures – *Tej Singh (US)*

**16:05 – 17:15**

**Breakout Room 1**

Host: Josie Stone (US)

## **Session 6. Catheter related thrombosis**

- Diagnosis of VAD related venous thrombosis – *Paolo Balsorano (IT)*
- Treatment of VAD related thrombosis – *Sergio Bertoglio (IT)*
- The catheter to vein ratio: results from a multisite trial with over 2000 PICC insertions – *Rebecca Sharp (AU)*
- Tip confirmation using electrocardiography reduces thrombosis risk compared to fluoroscopy for insertion of peripherally inserted central catheters – the TERRIFIC study. An analysis of 42.687 patients – *Tricia Kleidon (AU)*
- Deep Vein Thrombosis (DVT) associated with Peripherally Inserted Central Catheter (PICC): Brazilian experience – *Telma Mazzetto (BR)*

**16:05 – 17:15**

**Breakout Room 2**

Host: Peter Carr (IE)

## **Session 7. MARSI today**

- Diagnosis and classification of MARSI – *Gloria Ortiz Miluy (ES)*
- Treatment of MARSI – *Nancy Trick (US)*
- Factors of prevention of MARSI – *Nancy Moureau (US)*
- The application of intracavitary electrocardiogram for the tip localization of femoral vein catheters in chemotherapy patients with superior vena cava obstruction – *Jinghui Zhang (CN)*
- Faster cheaper safer: a randomised trial on the use of intra-cavitary ECG for central venous access – *Evan Alexandrou (AU)*

# PROGRAM BLOCK 2. THURSDAY 29 APRIL 2021

Times shown are CET

**16:05 – 17:15**

**Breakout Room 3**

Host: Agnes vd Hoogen (NL)

## **Session 8. Peripheral VADs today**

- The burden of difficult venous access and short peripheral cannulas – *Evan Alexandrou (AU)*
- Long peripheral catheters: current evidence – *Maurizio Pacilli (AU)*
- Benefits of mini-midline and midline catheters – *Jiri Charvat (CZ)*
- Ultrasound guided tip location of Midline catheters – *Stefano Elli (IT)*
- Ultra long versus standard long peripheral intravenous catheters: A randomized controlled trial of ultrasound-guided catheter survival – *Amit Bahl (US)*
- The association of Barthel scale and NRS 2002 with the complications of the different types of the mini-midline catheter – *Jiri Charvat (CZ)*

**17:15 - 17:25**

**Main Hall, Breakout Room 1, Breakout Room 2 and Breakout Room 3**

## **Commercial BREAK**

**17:25 - 18:30**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

## **Session 9. The state of the art of CICC insertion**

- The 'global' use of US during CICC insertion – *Daniele Biasucci (IT)*
- The next standard for CICC: the ultrasound approach to the axillary vein – *Andrew Bodenham (UK)*
- An insertion bundle for CICC in 2020 – *Fabrizio Brescia (IT)*
- Centrally inserted central catheter in thrombocytopenic patients: axillary vs jugular approach – *Andre Caiado (PT)*
- Axillary CICC placement with head pillow and without specific positioning – *Andre Caiado (PT)*

**17:25 - 18:30**

**Breakout Room 1**

Host: Josie Stone (US)

## **Session 10. VAD for apheresis and for dialysis: what's new**

- Peripheral approach to apheresis: midline catheters – *Mauro Pittiruti (IT)*
- Dialysis catheters: the state of the art in 2020 – *Maurizio Gallieni (IT)*
- Central approach to apheresis – *Antonio LaGreca (IT)*
- Use of 5Fr single lumen midline in adult patients candidate to extracorporeal photo-apheresis: a single center preliminary study – *Bruno Marche (IT)*
- What is the optimal time to create the first vascular access in older adults? – *Alexey Zulkarnaev (RU)*

**17:25 - 18:30**

**Breakout Room 2**

Host: Peter Carr (IE)

## **Session 11. X-ray vs. ultrasound in the diagnosis of VAD-related complications**

- X-ray vs. US in catheter-related thrombosis – *Elias Kehagias (GR)*
- Fibroblastic sleeve: common pitfalls and diagnostic challenges – *Paolo Balsorano (IT)*
- X-ray vs. US in secondary tip malposition – *Davide Vailati (IT)*
- Prospective study of ultrasound-detected fibroblastic sleeve in cancer patients with PICC or PICC-Port – *Giovanna Passaro (IT)*
- CVAD related sheaths, a predictor of infective and thrombotic incidence? – *Ibon Zuzuarregui (UK)*

# PROGRAM BLOCK 2. THURSDAY 29 APRIL 2021

Times shown are CET

**17:25 – 18:30**

**Pediatric session B. New technologies in NICU and PICU**

**Breakout Room 3**

Host: Agnes vd Hoogen (NL)

- Novelties in ECC and UVC – *Giovanni Barone (IT)*
- NIR technology and the RaSuVA protocol – *Vito d'Andrea (IT)*
- Failure of peripheral intravenous catheterization guided by transillumination in hospitalized children – *Claudia Floriano (BR)*
- Securing umbilical venous catheter with glue: why not? – *Vito d'Andrea (IT)*

**18:30 – 19:00**

**Industry Symposium**

**Main Hall, Breakout Room 1**

**19:00 – 19:30**

**Roundtable**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

Q&A on the sessions of block 2

panellists: – *Gloria Ortiz Miluy (ES)*, *Christian Dupont (FR)*, *Sergio Bertoglio (IT)*,  
*Amy Bardin (US)*, *Davide Vailati (IT)*, *Josie Stone (US)*

**19:30 - 20:30**

**Dedicated time to Visit the Companies at the Exhibition, Specific Meetings,  
Posters & Connect to other Participants**

# PROGRAM BLOCK 3. FRIDAY 30 APRIL 2021

Times shown are CET

**09:00 – 09:05**

## **Opening**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- Opening – *Ton van Boxtel (NL)*

**09:05 – 09:45**

## **Session 12. Education and Training**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- Complication Avoidance Bundle: What I have learned in 30 years as an Interventional Radiologist placing VAD's – *Ken Symington (US)*
- Tailored Strategies of Vascular Access for Chemotherapy of Breast Cancer Patients – *Jang Yong Kim (KR)*
- Peripherally versus centrally inserted central catheters in breast cancer treatment: a comparative study – *Ana Correia (PT)*
- Totally implantable venous access port in oncological patients: A Latin-American Experience – *Carlos Roman (CO)*

**09:05 – 09:45**

**Breakout Room 1**

Host: Josie Stone (US)

## **Session 13. Infection prevention: the relevance of the exit site**

- Impact of exit site: Evaluating the options in terms of outcomes – *Nancy Moureau (US)*
- Can the conversion of AVF to CVC improve the outcome in older adults? – *Alexey Zulkarnaev (RU)*
- An Australian first: placement of chronic dialysis catheters and implanted ports at the bedside by nurses – *Evan Alexandrou (AU)*

**09:05 – 09:45**

**Breakout Room 2**

Host: Peter Carr (IE)

## **Session 14. Subcutaneously anchored securement**

- Subcutaneously anchored securement device: the new standard? – *Mark Rowe (US)*
- Catheter securement impact on picc-related CLABSI: a university hospital perspective – *Mark Rowe (US)*
- Thrombotic risk factors in patients with superior vena cava syndrome undergoing chemotherapy via femoral inserted central catheter – *Jinghui Zhang (CN)*
- "Tailored ficc-port": common femoral vein and cluster on the ventral surface of the thigh, a safe and comfortable approach – *Titizana Fusco (IT)*

**09:05 – 09:45**

**Breakout Room 3**

Hosts: Agnes vd Hoogen (NL)

## **Pediatric session C. Ultrasound for tip navigation and tip location**

- Ultrasound for tip navigation and tip location of all central VADs in neonates – *Giovanni Barone (IT)*
- Central venous catheter types inserted in the pediatric intensive care unit and investigation of association with infection prospectively – *Sevgi Topal (TR)*
- IC-ECG localization method of PICC in neonates: a 5-years retrospective study – *Yintian Liu (CN)*
- Ultrasound guided intravenous education in the Neonatal ICU: A simulation evaluation – *Amanda McKinney (US)*

# PROGRAM BLOCK 3. FRIDAY 30 APRIL 2021

Times shown are CET

**09:45 - 09:55** **Commercial BREAK**  
Main Hall, Breakout Room 1, Breakout Room 2 and Breakout Room 3

**09:55 – 10:30** **Session 15. Vascular access in ICU**  
Main Hall  
Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- The choice of the most appropriate VAD in ICU – *Matthew Jones (UK)*
- Use of single-lumen 5Fr and triple-lumen 6Fr PICCs for cardiac output assessment by transpulmonary thermodilution – *Sonia d'Arrigo (IT)*
- Complications of PICCs and CICCUs Using Current Best Practice: A Contemporary Meta-Analysis – *Gregory Schears (US)*

**09:55 – 10:30** **Session 16. Infection prevention: needle free connectors and port protectors**  
Breakout Room 1  
Host: Josie Stone (US)

- The science behind bacterial transfer – *Marcia Ryder (US)*
- Needleless connector decontamination study – *Karen Slater (AU)*

**09:55 - 10:30** **Session 17. Cyanoacrylate glue**  
Breakout Room 2  
Host: Peter Carr (IE)

- Cyanoacrylate glue: a necessary tool for all VADs? – *Mauro Pittiruti (IT)*
- Tissue adhesive reduces PICC migration and microbial contamination – *Joan Ralph Webber (US)*
- Peripheral intravenous catheter securement with tissue adhesive compared to conventional dressing: A randomized controlled trial – *Amit Bahl (US)*

**09:55 - 10:30** **Pediatric session D. How to choose the most appropriate VAD**  
Breakout Room 3  
Host: Agnes vd Hoogen (NL)

- Selecting with safety: the Michigan appropriateness guide for intravenous catheters in pediatrics (miniMAGIC) – *Amanda Ullman (AU)*
- Comparison between epicutaneo-caval catheters (ECCs) and surgically inserted central venous catheters (SCVCs) in newborns – *Mohammad Bayoumi (QA)*

**10:30 – 11:00** **Industry Symposia**  
Main Hall, Breakout Room 1, Breakout Room 2

**11:00 – 10:50** **Session 18. Chest ports, PICC ports: technique and indications**  
Main Hall  
Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- PICC ports in 2021 – *Sergio Bertoglio (IT)*
- New technologies for making port insertion safe and cost-effective – *Ulf Teichgraber (DE)*
- An insertion bundle for PICC-ports and chest ports – *Fulvio Pinelli (IT)*
- Picc-Port: a retrospective analysis of the single institute on the utility and security in 716 cancer patients – *Domenico Merlicco (IT)*

# PROGRAM BLOCK 3. FRIDAY 30 APRIL 2021

Times shown are CET

**11:00 – 10:50**

**Breakout Room 1**

Host: Josie Stone (US)

## **Session 19. Proper Diagnosis and treatment of CRBSI in 2021**

- CRBSI, CLABSI and beyond – *Michelle DeVries (US)*
- Delayed Time to Positivity (DTP): the best method for diagnosis of CRBSI – *Theodoros Katsoulas (GR)*
- Proper diagnosis and treatment of CRBSI: an overview – *Emilio Bouza (ES)*
- Incidence, characteristics and timing of peripheral intravenous catheter failure in patients receiving chemotherapy with hematological malignancy: a prospective descriptive study – *Yui Shintani (JP)*

**11:00 – 10:50**

**Breakout Room 2**

Host: Peter Carr (IE)

## **Session 20. The method of intracavitary ECG in 2021**

- Seventy years of IC-ECG – *Mauro Pittiruti (IT)*
- IC-ECG in atrial fibrillation – *Antonio LaGreca (IT)*
- Evaluation of the accuracy of a dedicated device specifically designed for tip location by intracavitary ECG in atrial fibrillation patients – *Maria Calabrese (IT)*
- The application of intracavitary electrocardiogram in PICC tip position in China: a cross-sectional study – *Wei Gao (CN)*

**11:00 – 10:50**

**Breakout Room 3**

Host: Agnes vd Hoogen (NL)

## **Pediatric session E. New strategies for reducing VAD-related complications**

- Cyanoacrylate glue in neonates – *Vito d'Andrea (IT)*
- Subcutaneously anchored securement in neonates and children – *Alessandro Crocoli (IT)*
- New possibilities of polyurethane: power injectability; antibiotic and antithrombotic treatment – *Daniele Biasucci (IT)*
- Long peripheral catheters in neonates: bridging the gap between short peripheral cannulas and epicutaneo-caval catheters – *Maria Grazia Romitti (IT)*

**11:50 – 11:55**

**Main Hall, Breakout Room 1, Breakout Room 2 and Breakout Room 3**

## **Commercial BREAK**

**11:55 - 12:25**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

## **Roundtable**

Q&A on the sessions of block 3  
panellists: – *Marcia Ryder (US)*, *Giovanni Barone (IT)*, *Ulf Teichgräber (DE)*,  
*Theodoros Katsoulas (GR)*, *Nancy Moureau (US)*

**12:25 - 13:25**

**Dedicated time to Visit the Companies at the Exhibition, Specific Meetings, Posters & Connect to other Participants**

# PROGRAM BLOCK 4. FRIDAY 30 APRIL 2021

Times shown are CET

**16:00 – 16:05**

## **Opening**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- Opening – *Ton van Boxtel (NL)*

**16:05 – 16:50**

## **Plenary session 3. The World of Vascular Access during the COVID Pandemic**

**Main Hall**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- COVID-19 a global view – *Russ Nassof (US)*
- Vascular Access in COVID-19 patients, an Italian perspective – *Davide Vailati (IT)*
- Vascular Access in COVID-19 patients, a USA perspective – *Matthew Ostroff (US)*

**16:05 – 16:50**

## **Session 21. Tunneling VADs today**

**Breakout Room 1**

Host: Josie Stone (US)

- Tunneling PICCs – *Gloria Ortiz Miluy (ES)*
- Tunneled and non-tunneled FICCs: tips and tricks for minimizing complications – *Matthew Ostroff (US)*
- Beyond conventional tunneling for vascular access: The “L-shaped” and the “Arm-to-chest” tunneling techniques – *Elias Kehagias (GR)*

**16:05 – 16:50**

## **Session 22. The WoCoVA consensus projects**

**Breakout Room 2**

Host: Peter Carr (IE)

- The WoCoVA-GAVeCeLT consensus on subcutaneous securement and on inline filters – *Fulvio Pinelli (IT)*
- The WoCoVA consensus on peripheral venous access in Europe (ERPIUP) – *Ton van Boxtel (NL)*
- Thermosensitive liquid crystal film evaluation for catheterization site condition just after chemotherapy – *Mari Abe (JP)*

**16:05 – 16:50**

## **Pediatric session F. Central venous access in children and neonates: new possibilities**

**Breakout Room 3**

Host: Agnes vd Hoogen (NL)

- Tips and Tricks for the placement of CICC in Neonates – *Christian Breschan (AT)*
- A new approach to CVC insertion in children and neonates: the ISAC-Ped bundle – *Daniele Biasucci (IT)*
- Comparison of insertion of ultrasound-guided central vascular access device versus conventional method in pediatric patients of a second level hospital in southeastern Mexico (2017-2018) – *Eliazib Nataren Cigarroa (MX)*
- Ultrasonographic comparison of central venous access sites, such as jugular, subclavia and brachiocephalic veins in children – *Rodrigo Ribeiro (BR)*

**16:50 – 17:00**

## **Commercial BREAK**

**Main Hall, Breakout Room 1, Breakout Room 2 and Breakout Room 3**

# PROGRAM BLOCK 4. FRIDAY 30 APRIL 2021

Times shown are CET

**17:00 - 17:30**  
**Main Hall**

**Industry Symposia**

**17:30 - 18:00**  
**Main Hall**

**Roundtable**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

Q&A on the sessions of block 4

panellists: – *Matthew Ostroff (US), Fulvio Pinelli (IT), Russ Nassof (US) Daniele Biasucci (IT), Peter Carr (IE), Ken Symington (US)*

**18:00 - 18:30**  
**Main Hall**

**Closing address**

Hosts: Mauro Pittiruti (IT) and Ton van Boxtel (NL)

- Virchow's triad: an error in translation – *Marcia Ryder (US)*

**18:30 - 18:50**

**Final comments**

- Ton van Boxtel (NL)

**18:50 - 19:50**

**Dedicated time to Visit the Companies at the Exhibition, Specific Meetings, Posters & Connect to other Participants**

# POSTERS

No	Title of Poster Abstract	Presenting Author
P001	Reducing peripheral intravenous catheter CRBSI in a medical ward	Oskar Nyholm (FI)
P002	The Vicious Cycle of Vascular Access	L.J. Kelly (GB)
P003	Activities of the 1st PICC team in the Czech Republic in 2019	Jiri Charvat (CZ)
P004	PICC rupture as a clinical presentation of pinch-off syndrome	Bibiana Vertakova Krakovska (SK)
P005	Global cost of implementing with securement transparent dressing	X.D.O Xuan Mai (FR)
P006	Case report: Internal jugular vein thrombosis due to wrong primary PICC tip placement. Importance of the intracavitary ECG method	Vicenta Solaz-Martinez (ES)
P007	Ecoguided short midline catheters as a solution for patients with venous heritage problems	Vicenta Solaz-Martinez (ES)
P008	SPAD-CARE: Semi-permanent access device care	María Inés Corcuera Martínez (ES)
P009	Central Venous Access Devices –Associated Bloodstream Infection Prevention by Standardizing Practice Focused on implementing CLABSI CARE Bundle with Evidence-Based Guidelines: Experience from Developing Country	S. Bhat (IN)
P010	First phase to implement evidence based recommendations in patients with vascular access devices as prescribed by the “best practice spotlight organization”	Yolanda Lladó Maura (ES)
P011	Observational study and analysis of complications in patients candidate for the positioning of PICC-port	Fabrizio Brescia (IT)
P012	PICC difficult removal: an experience of an Intravenous Therapy Team	V. Armenteros-Yeguas (ES)
P013	Adequate preliminar ultrasound vascular assessment, basic decision-making point: a case report	Fabrizio Brescia (IT)
P014	Simulator of thrombotic occlusion and significance of simulation training of medical personnel in treatment of thrombotic occlusion	E.V. Korneeva (RU)
P015	The role of simulation training in increasing the time of less-event exploitation of intravascular catheters	A.V. Satsuk (RU)
P017	Restoring patency of central venous port-catheter with low-dose thrombolysis	V.Ch. Chovanec (CZ)
P018	A Pan European Review of Peripheral IV Practices: Can we do better?	Servane Pellé (FR)
P019	Improper request for vascular access group consultancy: causes, incidence, consequences and preventive strategies	F. Aula (IT)
P020	Procedural and educational interventions to reduce catheter-related complications in patients with intestinal failure receiving home parenteral nutrition	F. Novak (CZ)
P021	The impact of a standardised, blended learning, simulation-based education program on clinicians' confidence in placing acute central venous catheters: a mixed methods review of attendee evaluations	Hayleigh Haggerty (GB)
P022	Ultrasound-guided hydrodissection for totally implantable central venous access device reservoir pocket: a new procedure for a better outcome	F.L. Longo (IT)
P023	Multidisciplinary team of vascular access	Francisco Cabral (PT)
P024	Collaborative approach to improve PIVC outcomes	G. Munoz Mozas (GB)
P025	Investigation and analysis of peripheral venous catheter indwelling time and failure in the hepatological surgery department	Xiaolan Wang (CN)
P026	Real-world data of three different venous access devices application in China: A 200-hospital database analysis	Ning-Ling Huang (CN)
P027	Complete occlusion of venous port by a blood clot – the effect of low-dose trombolysis using the “2 needles method”	Viktor Manasek (CZ)
P028	Pre-emptive versus “on demand” AVF aneurysms correction	Aleksei Zulkarnaev (RU)
P029	AVF volume blood flow after reconstructive surgery for fistula vein aneurysm	Aleksei Zulkarnaev (RU)
P030	Comparative analysis of balloon angioplasty without stenting results for central vein stenosis in hemodialysis patients	Aleksei Zulkarnaev (RU)
P031	Primary isolated balloon angioplasty versus stenting (bare metal stents)	Aleksei Zulkarnaev (RU)
P032	Incorporation of second generation chlorhexidine-silver-sulfadiazine-impregnated catheters in an adult intensive care unit	Marisa Paniagua (AR)

# POSTERS

No	Title of Poster Abstract	Presenting Author
P033	Preliminary results of the first PICC-port nurse insertion service in Madrid	Gloria Oritz Miluy (ES)
P034	Effectiveness of mechanical recanalization for intraluminal occlusion of totally implantable venous access port	M.G. Song (KP)
P035	Minimidine catheter, a vascular access alternative for plasma replacement through centrifugation	A. Civit (ES)
P036	A Novel Technique of Groshong tip Port-A-Cath insertion under local anaesthesia on Out patient basis : Audit of 1800 cases from a Tertiary care cancer Center	S.P. Somashekhar (IN)
P037	Risk Factors associated to development of venous catheter- related thrombosis Peripherally Inserted Central Catheter (PICC) Associated Complications in Patients	A. Civit (ES)
P038	READY 1: A Phase 3, Randomized, Double-Blind, Active and Placebo-Controlled Study on the use of CUSA-081 for Dysfunctional Central Venous Access Devices	R. Morganti (IT)
P040	Looking back 7-years from brachial to picc port	Marta Rubio (ES)
P041	Microbiological profile and incidence of CLABSI among Hematology and Oncology Patient Population – a Single Institution Experience from India	S. Bhat (IN)
P042	The effect of continuous low flow administration on central venous catheter's function and complications	Yintian Liu (CN)
P043	Prevention of venous catheter dislodgement as a way of increasing patient safety and reduce healthcare professional's risk for exposure to hazardous drugs and contaminated blood	Rebecca Bejhed (SE)
P044	POP technique: Mechanical and physical description, clinical implications	P. Flaud (FR)
P045	Demystifying moisture vapour transmission rate (MVTR) for vascular access fixation dressings	Paul Bainbridge (DE)
P046	Catheter tip misplacement during ultrasound-guided axillary vein central venous catheter: single-centre retrospective study	Irvan Setiawan (ID)
P047	Homecare intravenous treatment and short peripheral cannula	Christian Dupont (FR)
P048	A retrospective study of the safety of over 100,000 peripherally-inserted central catheters days for parenteral supportive treatments	Baudolino Mussa (IT)
P049	Clinical survey of ultrasound-guided PIV practices: uncovering a need to standardize aseptic procedures to improve patient safety	Nancy Moureau (US)
P051	Efforts toward standardization of UGPIV insertion through quantitative clinical evaluation	Nancy Moureau (US)
P053	A prevalence study of venous catheters at the University Clinical Center Ljubljana (UCC), Slovenia	J.P. Perme (SI)
P054	PICC "USE OF LABEL" IN YOUNG CANCER PATIENT WITH SUPERIOR VENA CAVA SYNDROME (SVCS)	N. Sánchez (ES)
P055	Staff and patient evaluation of a new cyanoacrylate tissue adhesive with specific approval for use with vascular access devices	J. Nicholson (GB)
P056	Evaluating the hospital annual budget impact of adopting a closed, integrated peripheral intravenous catheter system	S. Gala (US)
P057	Comparison of different combination of central venous catheters for patients undergoing allogeneic hematopoietic stem cell transplantation	Li Xu (CN)
P058	Incidence of peripheral venous access complications in the type 2 Diabetic population. Analysis of risk factors and comparative study in Midlines®	M. Rivas (ES)
P059	Description and analysis of the intracavitary electrocardiogram at the insertion of the peripheral central insertion catheter (PICC) in the adult patient	A.R Revilla (ES)
P060	A peripheral Zone Insertion Method (pZIM) for the insertion of short peripheral venous catheters: a single centre pilot study	Bruno Marche (IT)
P061	Off Label use of PICCs – Procedural safety compared with PICCs	Th. Katsoulas (GR)
P062	Comparison of Peripherally Inserted Central catheter (PICC) ports vs Centrally Inserted Central Catheter (CICC) ports	Th. Katsoulas (GR)
P063	Tunneled permanent hemodialysis catheter placement in a patient with two cardiac implantable devices	E.D. Deganello (IT)

# POSTERS

No	Title of Poster Abstract	Presenting Author
P064	Preliminar results of the midline tip position: axillary versus subclavian	Gloria Oritz Miluy (ES)
P065	User evaluation of a prototype of the Vascoscope, an aid for easy Ultrasound Guided Vascular Access	H.A. Tjabbes (NL)
P066	Virtual reality and VAD insertion : myth or reality?	D. Taieb (FR)
P067	PICC placement- initial experience of a multidisciplinary vascular access team	Francisco Cabral (PT)
P068	An analysis of patency rates in brachiocephalic fistulas used for haemodialysis	R.T. D'Cruz (SX)
P069	New electronic optical sensor for the early detection of peripheral IV infiltration	J.M.L. Lautz (US)
P070	A prevalence audit evaluating standards of care for vascular access devices	R. McGuire (GB)
P071	IBAVAS Survey: Ibero American Vascular Access Study	Gloria Oritz Miluy (ES)
P072	RIHAV experience: Red Internacional Hispana en Acceso Vascular	Gloria Oritz Miluy (ES)
P073	Patients...Vascular access...Which challenges?	Massebiaux Cécile (CH)
P074	Experiences in developing and running a successful PICC Team in the Czech Republic during a Lean Economic period	Martina Douglas (CZ)
P075	Peripherally inserted central venous catheters (PICCs): A three-year experience - the surgeon and the nurse vascular access team	Carlos Roman (CO)
P076	Safety of vascular access procedures and incidence of immediate vascular complications – a single center study	Th. Katsoulas (GR)
P077	Central Intravenous implantable device; Organization patient's care, surgical technique and results; A single center, one surgeon two years' experience, 1359 cases	Aam Abou-Mrad (LB)
P078	A Passion for Knowledge: The Canadian Vascular Access Association (CVAA) Guidelines on Vascular Access and Infusion Therapy	Sheryl McDiarmid (CA)
P079	Thrombosis and early catheter-related infections in oncology. Adherence to Recommendations	I. Kriegel (FR)
P081	Exploring barriers and facilitators in peripheral intravenous catheter care in hospital wards amongs hospital nurses– a qualitative study	I. Blanco-Mavillard (ES)
P082	Adherence of nurses to the recommendations for insertion, maintenance and management of perepheral intravenous catheters analysed using a structured audit tool	I. Blanco-Mavillard (ES)
P083	The impact of a vascular access team and vascular access bundles in CLABSI prevention	Oskar Nyholm (FI)
P084	Analysis of the causes of 8 cases of peripheral intravenous catheter-related bloodstream infection	M.Y Qi (CN)
P085	The impact of high quality-imported peripheral vascular catheter on the occurrence time to phlebitis and non-phlebitis complications when PVCs were replaced as clinically indicated	H.S.O. Ozger (TR)
P086	The first french vascular access unit: 10 first years of experience	H.R. Rosay (FR)
P087	Catheter loop in a port-a-cath inserted from the left axillary vein	Jiri Charvat (CZ)
P088	The application of WeChat platform in health education for tumor patients with peripherally inserted central catheter	Wei Gao (CN)
P090	Changes in AVF volume blood flow and cardiac output before and after HD	Aleksei Zulkarnaev (RU)
P091	Peripheral Intravenous Catheters Failure In Adults In China: Current Situation And Influence Factors	Y. Wu (CN)
P092	Permanent Cathéters For Hemodialysis, A Single Center Expérience	Messaoud Hadj Mahammed (DZ)
P093	Nursing assistance in peripheral intravenous therapy	Ana Cavalheiro (BR)
P094	Use of IV closed systems after quality program implementation in Valencian Community hospitals	S. Casanova-Vivas (ES)
P095	The fracture of the polyuretane power PICC after dislocation in a patient with acute exacerbation of acute brochitis	Jiri Charvat (CZ)
P097	Are current cleaning methods effective against hazardous drugs?	C.V. Cobbett (GB)
P098	Quest for closed systems	C.V. Cobbett (GB)
P099	Analysis of adverse events related to the administration of peripheral parenteral nutritions in adults admitted in a second level	Yolanda Lladó Maura (ES)

# POSTERS

No	Title of Poster Abstract	Presenting Author
P100	Device-Related Infection Prevention Practice (DRIPP) - An Improvement Collaborative	C.A. Hallam (GB)
P102	A bundle approach to decrease central line associated blood stream infections (CLABSI) in a resource constrained environment, a single centre experience	Aviral Roy (IN)
P103	Effectiveness of multi-disciplinary intervention focus on the precenton of adverse events	Yolanda Lladó Maura (ES)
p104	Prospective follow up of home I.V. Antibiotic courses in patients with chronic respiratory diseases: efficiency of management by nurse coordinators	Christian Dupont (FR)
P105	Relationship between Vascular Endothelial Growth Factor Inhibitors (VEGF-I) and wound healing delay after Port-A-Cath (PAC) insertion	B. Sarriegui (ES)
P106	Evaluation of clinically indicated removal versus routine replacement of peripheral venous catheters	R. McGuire (GB)
P107	Clinival, economic and emotional burden of needlestick injuries and blood exposure on healthcare wordkers in the European Union	K. Shen (US)
P108	Can Peripherally Inserted Central Catheters Be Safely Placed in Patients with Cancer Receiving Chemotherapy? A Retrospective Study of Almost 400,000 Catheter-Days	Baudolino Mussa (IT)
P109	The Risk of Adverse Events Related to Extended-Dwell Peripheral Intravenous Access	Baudolino Mussa (IT)
P110	Superiority of 2% alcoholic chlorhexidine (CHG) and of a bundle of devices in preventing peripheral venous catheters (PVCs) complications – The CLEAN 3 trial	O. Mimoz (FR)
P111	Introduction of an antimicrobial PICC in response to high PICC CLABSI incidence	Michelle DeVries (US)
P112	Independent risk factors for difficult peripheral intravenous cannulation. A multicentre study in 8 hospitals in Spain	M.A. Rodriguez-Calero (ES)
P113	Exploration of optimizing management of Vascular Access Devices for patients based on real world data analysis	Yaping Ai (CN)
P114	Risk factors associated with difficult peripheral venous cannulation: a meta-analysis of published studies	M.A. Rodriguez-Calero (ES)
P115	Vasospasm associated to Peripherally Inserted Central Catheter (PICC): what is the outcome?	Telma Christina do Campo Mazzetto (BR)
P116	Central and periferic venous access devices in uncooperative patients with severe acquired brain injuries. Efficacy, complication and failures of bedside ultrasound-guided positioning with two operators	Giordano Galeazzi (IT)
P117	A 3-step protocol to support VAD selection for difficult venous access patients based on the current literature	Cheryl Campos (US)
P120	A healthcare services' interventional team for complex venous access	I.C. Crousaz (CH)
P121	Appropriateness and cost-effectiveness in the management of vascular accesses: before and after the constitution of a Vascular Access Team (VAT)	E.D. Deganello (IT)
P122	Does the use of a closed system transfer device for administration with elastomeric pumps allow a safe disconnection?	Raphaëlle Pesqué (FR)
P123	Incidence and risk factors associated with short peripheral intravenous catheter failure	J. Adamuz (ES)
P124	Compliance towards thrombophlebitis prevention and management protocol: An audit	Priya Chacko (IN)
P125	Complication associated with Peripherally Inserted Central Venous catheter (PICC): A survey	Priya Pawar (IN)
P126	Teams Improving Vascular Access Outcomes: The VGH experience	E.A. Davidson (CA)
P127	Review of vascular access assessment and decision-making algorithm in Brazil: the potential role of a Portuguese version of the DAV-EXP app	Patricia Barbosa (BR)
P128	Central vascular catheter management in oncology	G.G. Greco (IT)
P129	An observational study of the blood vessel and subcutaneous tissue placed peripheral intravenous catheter during chemotherapy: a descriptive study	Ryoko Murayama (JP)
P130	The incidence of phlebitis on routine versus clinically indicated replacement of peripheral intravenous catheter in east coast hospital Malaysia	A.D. Daud (MY)
P131	Clinical, economic and emotional burden of needlestick injuries and blood exposure on healthcare workers in the Middle East and Africa	S. Gala (US)

# POSTERS

No	Title of Poster Abstract	Presenting Author
P132	VAD and lung cancer: which vein to choose?	I. Kriegel (FR)
P133	Infection of long-term central catheters in oncohematological patients: a retrospective cohort	Janaina Flor (BR)
P134	Use of an antimicrobial & Antithrombogenic PICC - A Prospective, Multicenter Experience	S. Casanova-Vivas (ES)
PP01	INCATIV-PEDIATRICO: intravenous therapy quality indicators project in pediatric patients	Marta Ferraz-Torres (ES)
PP02	ReVi project. detection of predictive factors of pain and anxiety in venous canalization in the pediatric patient	Matheus van Rens (QA)
PP03	Pilot evaluation of Extended Peripheral Indwell Catheters' (EPIC) dwell time and success rates in the neonatal intensive care settings	Matheus van Rens (QA)
PP04	Assess Better Before and After (ABBA): Reducing Severity of Peripheral IV Infiltration in a Neonatal Population	Giovanni Barone (IT)
PP06	Off label use of PICC as umbilical arterial catheter: clinical case report	Pavel Michalek (CZ)
PP07	Vascular access and anaesthetic challenges in infants and children with metabolic disease	
PP08	Long durability peripherally inserted central catheter in pediatric oncological patients: application of a guideline: first experiences in a latin american country	C.J. Perez (CO)
PP09	Central Venous Access Devices (CVADs) in 935 Pediatric Oncology Patients: complications and amicable settlement	S.N. Averyanov (RU)
PP10	Preventing incidents and accidents related to peripheral intravenous access in the pediatric population	Stephanie Duval (CA)
PP11	A long-term tunneled femoral central venous catheter in children with cancer and mediastinal mass	T.M. Merta (CZ)
PP12	Extravasation in neonates, occurrence, treatment and protocol adherence	J. van Duuren (NL)
PP13	Experiences of introducing a dedicated neonatal nurse-led vascular access team in Qatar	K.L.P.G. Garcia (QA)
PP15	Evaluation of a sutureless securement device (SecurAcath) for PICCs compared with sutures at a tertiary paediatric centre	Holly Kay (GB)
PP16	Reduction of bacteremia and central line associated complication rate at the Pediatric Hemato-Oncology and Bone Marrow Transplant Department (PHOBMTD) of Sheba Medical Center	S.H. Huino (IL)
PP17	Evaluation of the impact of a central line bundle on Candida related central line-associated bloodstream infections in a pediatric tertiary health centre for throughout 12 years of period	I. Devrim (TR)
PP18	Do pediatric residents take blood culture with the appropriate technique? The first step to decrease blood culture contamination rates: determining the current situation	Elif Kiymet (TR)
PP19	Experience in the use of central vascular access systems in pediatric oncological practice	V.V. Selivanov (RU)
PP20	A investigation of the use of infrared visualisation technology to enhance preregistration student nurses for Venepuncture and Cannulation at a higher institute of education in London, United Kingdom	T. Ncube (GB)

# INVITED SPEAKERS



**Alexandrou Evan** MPH, PhD, RN  
*Australia*  
Liverpool Hospital Australia and Western Sydney University  
Clinical Nurse Consultant and Senior Lecturer



**Balsorano Paolo** MD  
*Italy*  
AOU Careggi, Florence  
Anaesthesia and Intensive Care Medicine



**Bardin-Spencer Amy** Ed.D, MSc, RRT, VA-BC  
*United States*  
Teleflex  
Senior Director, Clinical Affairs



**Barone Giovanni** MD  
*Italy*  
Ospedale Infermi di Rimini  
Former Consultant Neonatologist



**Bertoglio Sergio** MD  
*Italy*  
University of Genova  
Former Professor of Surgery



**Biasucci Daniele** MD, MSc  
*Italy*  
"A.Gemelli" University Hospital Foundation, IRCCS  
Intensivist



**Bodenham Andrew** FFICM, FRCA  
*United Kingdom*  
Leeds teaching hospitals  
Consultant in Anaesthesia and ICM



**Bouza Emilio** MD, PhD  
*Spain*  
University of Madrid  
Professor of Medicine & Microbiology



**Breschan Christian** D.E.A.A., PhD  
*Austria*  
Klinikum Klagenfurt  
Paediatric Anaesthesia



**Brescia Fabrizio** MD  
*Italy*  
Centro di Riferimento Oncologico di Aviano  
Anesthesiologist



**Charvát Jiří** MD, PhD  
*Czech Republic*  
Faculty hospital Prague Motol  
physician - intensivist



**Crocoli Alessandro** MD  
*Italy*  
Bambino Gesù Children's Hospital - IRCCS  
Chief of Surgical Oncology Unit



**D'Andrea Vito** MD  
*Italy*  
Gemelli Hospital Rome  
Consultant  
Senior Infection Control Officer



**DeVries Michelle** MPH, VA-BC, CIC  
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Methodist Hospitals  
Senior Infection Control Officer



**Doellman Darcy** MSN, RN, CRNI, VA-BC  
*United States*  
Cincinnati Children's Hospital, Ohio  
Clinical Manager, Vascular Access Team



**Gallieni Maurizio** MD  
*Italy*  
University of Milano, Italy  
Associate Professor of Nephrology

# INVITED SPEAKERS



**Hill Jocelyn** BSc, MSN, VA-BC, CVAA(c)  
*Canada*  
St. Paul's Hospital, Providence Health Care,  
Vancouver, BC  
**Clinical Nurse Specialist - IV Therapy, Vascular  
Access, Chemotherapy/Oncology**



**Jones Matt** Dr, MBBS, FRCA  
*United Kingdom*  
East Kent Hospitals  
**Consultant Anaesthetist**



**Katsoulas Theodoros** PhD, RN  
*Greece*  
National and Kapodistrian University of Athens  
**Associate Professor**



**Kehagias Elias** MD, PhD, EBIR  
*Greece*  
University Hospital of Heraklion, Crete, Greece  
**Interventional Radiologist**



**Kokotis Kathy** BSc, MBA, RN  
*United States*  
BD  
**Director Global Clinical Development**



**Konstantinou Evangelos** BN, BSc, PhD, RN  
*Greece*  
National and Kapodistrian University of Athens  
**Professor**



**La Greca Antonio** MD  
*Italy*  
Fondazione Policlinico Universitario A. Gemelli  
IRCCS Roma - Università Cattolica del Sacro Cuore  
**Coordinator, Interdepartmental Central Venous  
Access Center - Director, Visceral Trauma Unit**



**Labuntog Susan** MD  
*Philippines*  
National Kidney and Transplant Institute/Mariano  
Marcos Memorial Hospital and Medical Center  
**Transplant and Vascular Surgeon/General Surgeon**



**Lamperti Massimo** MD  
*United Arab Emirates*  
Cleveland Clinic Abu Dhabi  
**Anesthesiology Institute Chair**



**Moureau Nancy** BSc, CPUI, CRNI, PhD, RN, VA-BC  
*United States*  
PICC Excellence  
**CEO**



**Ortiz Miluy Gloria** MSc, RN  
*Spain*  
Hospital Universitario Fundación Jiménez Díaz  
**Enfermera de Accesos Vasculares**



**Nassof Russel** JD (Juris Doctorate)  
*United States*  
RiskNomics, LLC  
**EVP**



**Ostroff Matthew** MSN, VA-BC  
*United States*  
St Joseph's University Medical Center  
**Vascular Access Coordinator / Lead APN**



**Pacilli Maurizio** MD, MD(Res), FRCS(Paeds)  
*Australia*  
Monash Children's Hospital / Monash University  
**Consultant Paediatric Surgeon**



**Pinelli Fulvio** MD  
*Italy*  
Careggi University Hospital  
**Anesthesiologist and Intensivist**



**Pittiruti Mauro** MD  
*Italy*  
Catholic University Hospital, Rome  
**Surgeon**

# INVITED SPEAKERS



**Rowe Mark** VA-BC, MNCs  
United States  
University of Arkansas for Medical Sciences  
Sr Vascular Access Specialis



**Ruiz Hernández Paloma** BSc, MSc, PhD, RN  
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HUSO  
Vascular Access Coordinator



**Ryder Marcia** Bs(hons), MS, PhD, FNAP  
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**Sharp Rebecca** BN, Bs(hons), PhD  
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University of South Australia  
Lecturer/Researcher



**Spencer Timothy** BSc, CCRN, RN, VA-BC  
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Global Vascular Access, LLC  
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**Stone Josephine (Josie)** CRNI, RN, CPNP, VA-BC  
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Josie Stone Consulting LLC  
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**Symington kenneth** MD  
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Independent  
Consultant



**Teichgräber Ulf** MBA, MD  
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University Hospital Jena  
Radiologist-in-Chief



**Trick Nancy** CRNI, RN, VA-BC  
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BD  
Senior Manager; Medical Affairs



**Ullman Amanda** PhD, RN  
Australia  
The University of Queensland and Childrens Health  
Queensland Hospital and Health Service  
Professor and Chair in Paediatric Nursing



**Vailati Davide** CRNI, RN, VA-BC  
Italy  
ASST Melegnano - Milan  
Operating Room and Vascular Access Manager



**van Boxtel Ton** RN, MSc, PAN  
Netherlands  
WoCoVA  
CEO, president



**van den Bosch Ceder** MD  
Netherlands  
Princess Maxima Center for Pediatric Oncology  
MD / PhD Candidate



**Zang Jinghui** Msn  
China  
Xiangya Hospital, Central South University  
Vice Director

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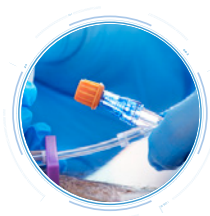
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# INDUSTRY SATELLITE SYMPOSIA 29 APRIL 2021

Times shown are CET

**11:15 - 11:45**  
Main Hall

## Industry Symposium BD

Superiority of 2% Alcoholic Chlorhexidine and of a Bundle of Innovative Devices in Preventing Peripheral Venous Catheters Complications

*Dr. Olivier Mimoz*



**11:15 - 11:45**  
Breakout Room 1

## Industry Symposium Plan 1 Health

PICC-PORT: The ultimate totally implantable access device for drug delivery

*Dr Sergio Bertoglio, Prof Dr Roberto Biffi, Dr Fabrizio Brescia, Dr Mauro Pittiruti, Dr Francesca Poggio, Lina Orsino*



**18:30 - 19:00**  
Main Hall

## Industry Symposium 3M

Prevention of catheter associated bloodstream infections: have evidence-based ICU protocols helped during the pandemic crisis?

*Dr Philippe Eggimann, Annie de Montmollin*



**18:30 - 19:00**  
Breakout Room 1

## Industry Symposium BD

Improving patient experiences by understanding infusate properties and their effects on vasculature

*Dr Marc Stranz*



# INDUSTRY SATELLITE SYMPOSIA 30 APRIL 2021

Times shown are CET

**10:30 - 11:00**  
Main Hall

## Industry Symposium Vygon

Mini-midlines : A universe of possibilities

*Linda J. Kelly, Nicola Wyllie, Aurea Escobedo Tenorio,  
Gilberto Hernandez Córdoba, Juan José Menendez,  
Marco Bigliardi, Davide Giustivi, Delfino Zambrano Lara*



**10:30 - 11:00**  
Breakout Room 1

## Industry Symposium Geistlich

Taurolidine Catheter Lock Solution – Prevention of infection and dysfunction

*Dr Matthias Neusser Dr Fiammetta Piersigilli*



**10:30 - 11:00**  
Breakout Room 2

## Industry Symposium B.Braun

The choice of Vascular Access in ICU:

- The role of PICC and FICC as possible alternatives to CISS
- Ultrasound-guided peripheral IV insertions – A novel tool to enhance patient care

*Dr Fulvio Pinelli*

*Dr Julie Godfrey*



**17:00 - 17:30**  
Main Hall

## Industry Symposium BD

New advances in midline applications:

- Midlines: A new vascular access approach for emergency medicine
- Midline Catheters for the Purpose of Blood Collection

*Dr Baudolino Mussa*

*Dr Daleen Penoyer*



# CONGRESS VENUE





# EXHIBITION HALL





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## BD

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BD is a medical technology company that has a bold Purpose – advancing the world of health™.

Vascular Access Management (VAM) is a critical part of patient safety. IV Therapy is the most common method in which patients receive medication in a healthcare facility. However, vascular access complications may cause patient discomfort, inefficient therapy, severe adverse events.

With so much at stake, it is vital to ensure the safety of your patients receiving IV therapy. Raising awareness on the importance of fostering a culture of safety and raising best practices is especially important when it comes to VAM. At BD, our fight against vascular access complications never stops.

BD VAM is an integrated approach to vascular access care that combines clinical practice assessments, a comprehensive portfolio of products and vascular care solutions, and expert clinical training and education. This approach includes every stage in vascular access (VA) from device selection, skin preparation, and placement to care and maintenance to assist you every step of the way. BD also supports all those involved in the quest to make VAM a recognised discipline

When all these elements are in place and working together, we can help you deliver better care and outcomes for your patients.



## 3M Science. Applied to Life.™

3M Science has allowed for unique innovations that give you what you need to secure and protect every I.V. catheter—from insertion to removal. Our broad portfolio makes it easy for you to choose and use the right products: from transparent barrier films and securement devices, to antimicrobial dressings and disinfecting caps.

We can help you deliver compassionate care with evidence-based products to protect patient and clinician safety, help prevent the risks of costly complications, and improve patient satisfaction. Join us at the 3M virtual stand to find out more about Reducing Infection Risk at all Access Points! Product profile With 3M™ Tegaderm™ CHG I.V. Securement Dressings, 3M™ PICC/CVC Securement Systems and 3M™ Curol™ Disinfecting Caps for Needleless Connectors you can support best practice for reducing infection at all access points. How we can support you?



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## Teleflex

Teleflex is a global provider of medical technologies designed to improve the health and quality of people's lives. We apply purpose driven innovation – a relentless pursuit of identifying unmet clinical needs – to benefit patients and healthcare providers. Our portfolio is diverse, with solutions in the fields of vascular and interventional access, surgical, anaesthesia, cardiac care, urology, emergency medicine and respiratory care. Teleflex employees worldwide are united in the understanding that what we do every day makes a difference.

Teleflex is the home of Arrow®, Deknatel®, Hudson RCI®, LMA®, Pilling®, Rüsch®, UroLift® and Weck® – trusted brands united by a common sense of purpose.



Vygon designs, manufactures and markets high-tech single-use medical devices for healthcare professionals. Vygon is a world leader within this industry, offering a wide range of products in a number of clinical specialties: Intravascular Therapies - Critical Care – Obstetrics Neonatology Enteral - Cardiovascular & Surgery – Anesthesia & Emergency.

A family company founded in 1962, Vygon is a mid-sized business employing 2,350 committed employees worldwide. Vygon products are manufactured in the group's 11 factories including eight in Europe. Vygon combines local and international in-depth expertise and know-how in each individual field. With expertise right along the value chain, from product design to the delivery of training for medical personnel, Vygon provides clinicians with effective and innovative products tailored to their needs for optimum use and safety. At Vygon, we Value Life through the innovation of our medical devices and their impact on improving and ultimately, saving lives.

Meet us on our booth and find out more about our latest technologies & products in the field of Vascular Access and IV Infusion Therapies.

Join our symposium "Mini-midlines, a universe of possibilities" on Friday 30th April at 10:30 am in the Main Hall. For more information on Vygon, please visit [www.vygon.com](http://www.vygon.com)



Bullpup Scientific was established by long time veterans of the IV catheter market in order to provide patients and caregivers with superior IV access solutions. Our efforts are driven by the lack of a viable, low cost, easy to insert IV catheter to serve the average patient, the difficulty in finding veins, the multiple needle sticks that result in patient discomfort and hospital acquired infections



Dale Medical Products, Inc. was founded in 1961, in Sharon, Massachusetts as Baka Manufacturing Company. From a modest beginning in the home of David Kaplan, inventor of the Dale Abdominal Binder, the company has grown into an industry leader in the market niches we participate in. Today, Dale resides in Franklin, Massachusetts where our corporate office and manufacturing facilities are located.



The Swiss family owned company Geistlich Pharma develops and produces pharmaceutical and medical devices since 1851 with a worldwide distribution and provides valuable assistance in solving medical issues. Products such as the antimicrobial catheter lock solution TauroSept® for the prevention and treatment of CRBSIs, originate from the company's own research facilities in Central Switzerland.



Poly Medicure or Polymed, is India's largest exporter of medical devices and has 8 manufacturing facilities around the world, one of them being Plan 1 Health, in Italy. The acquisition of Plan 1 Health by Polymed in 2018, brought together 45 combined years of medical device manufacturing expertise, novel innovation in R & D and an unwavering focus on quality and safety. This coalescence of talent merged the Polymed range of peripheral vascular access devices with Plan 1 Health's 20+ years of industry leading knowledge in TIVADs and central venous access devices.

For healthcare professionals, this has resulted in a comprehensive choice of VAD options that have gained a reputation of dependability and reliability.

For patients on their treatment journey, they have the reassurance their therapies and medications, are being delivered safely and reliably, manufactured by a company that cares.

Polymed & Plan 1 Health are very pleased to take part as an industry sponsor, in this virtual WoCoVA event and although we are not able to meet with our friends and customers in person, we hope that all delegates and industry colleagues will be able to enjoy and benefit from the WoCoVA 6th World Congress.



## smiths medical

Smiths Medical is a leading supplier of medical devices that are vital to patient care around the world. Accessing the bloodstream safely to deliver fluids and medication or to obtain blood samples requires quality assured and safety tested medical products and technologies. Smiths Medical offers a broad range of peripheral intravenous catheters (PIVC), implantable ports, portal access needles and AST Midlines to assist you in providing optimal care to your patients during vascular access procedures.



In 2000, TauroPharm GmbH was founded as a German company specialising in medical devices with antimicrobial, antibiofilm and antiocclusive efficacy. Based on its innovative products, we aim to develop more effective ways to prevent catheter-associated complications – ranging from blood clotting to fatal infections. Throughout this process, improving the patient's quality of life remains our top priority.

Since there is an urgent need for our products, especially in light of the steadily increasing number of antibiotics-resistant pathogens, TauroLock is recommended in interdisciplinary national and international guidelines. All products have been investigated in independent scientific studies with excellent study results.

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# EXHIBITORS



SecurePortIV® Catheter Securement Adhesive combines multiple catheter care and maintenance requirements into a single product. SecurePortIV® is the only FDA-cleared liquid adhesive that secures the catheter to the skin at both the insertion site and the hub to reduce catheter movement, migration and dislodgement. SecurePortIV® adhesive also seals the insertion site to protect it from microbial contamination and to reduce bleeding and oozing that is commonly associated with unscheduled dressing changes. The just-published 2021 Infusion Therapy Standards of Practice (INS Standards) recognizes tissue adhesive as a standard of care for all vascular access device (VAD) care and management, and Adhezion Biomedical's SecurePortIV® is the only tissue adhesive cleared for this indication by the FDA. SecurePortIV: a new standard of care.



AngioDynamics, Inc. is a leading provider of innovative, minimally invasive medical devices used by professional healthcare providers for vascular access, peripheral vascular disease, and oncology. AngioDynamics' diverse product lines include market-leading ablation systems, vascular access products, angiographic products and accessories, drainage products, thrombolytic products and venous products. For more information, visit [www.angiodynamics.com](http://www.angiodynamics.com).



Bedal develops catheter stabilization devices that excel in performance, ease of use and patient comfort.



AngioDynamics, Inc. is a leading provider of innovative, minimally invasive medical devices used by professional healthcare providers for vascular access, peripheral vascular disease, and oncology. AngioDynamics' diverse product lines include market-leading ablation systems, vascular access products, angiographic products and accessories, drainage products, thrombolytic products and venous products. For more information, visit [www.angiodynamics.com](http://www.angiodynamics.com).



Medow is a Swedish startup company founded and run by the two young female entrepreneurs Frida McCabe and Linn Wrangmark. Medow was founded in 2016 and strives to offer simple and colourful solutions to the small healthcare problems with big impact. Medow's first product is the IV-bracelet which is designed to affix IV-tubing, this to reduce the risk of vascular access complications such as dislodgement. Visit Medow's booth to learn more about the IV-bracelet or to chat or speak to Linn and Frida.



At Eloquest Healthcare, we are committed to reducing the risk of CRBSIs and increasing patient satisfaction. Our product portfolio includes Mastisol® Liquid Adhesive & Detachol® Adhesive Remover. Mastisol is a gum mastic-based liquid adhesive, which dramatically improves adherence, thereby minimizing lifted or detached vascular access dressings, device dislodgement, and risk of infection. Detachol is a non-irritating solvent used to quickly and painlessly remove medical dressings, tapes and most sticky residue from the skin. Our products are backed by ample evidence that proves they will lead to improved clinical outcomes. For more information, please visit [www.eloquesthealthcare.com](http://www.eloquesthealthcare.com)



Fist Assist Devices is a Silicon Valley Medical Device Startup making a novel, external home wearable for home vein dilation and to assist in phlebotomy and dialysis care. The Fist Assist is an award winning device and we are pleased to showcase our device and our partnership with Amazon to help patients get home vein care!

# EXHIBITORS



Medcomp® develops, manufactures, markets and supports cutting-edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the fields of interventional medicine and dialysis. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medicine and whose quality anticipates the requirements of our professional clients and the patients they serve. Currently one of the world's largest manufacturers of dialysis and centrally terminating venous catheters, Medcomp is, and always has been, on the cutting edge of new vascular access device technologies.



Meadow is a Swedish startup company founded and run by the two young female entrepreneurs Frida McCabe and Linn Wrangmark. Meadow was founded in 2016 and strives to offer simple and colourful solutions to the small healthcare problems with big impact. Meadow's first product is the IV-bracelet which is designed to affix IV-tubing, this to reduce the risk of vascular access complications such as dislodgement. Visit Meadow's booth to learn more about the IV-bracelet or to chat or speak to Linn and Frida.



The SecurAcath® Subcutaneous Anchor Securement System (SASS) is a revolutionary new method for catheter securement that does not require sutures or adhesives. The unique design of the SecurAcath secures right at the insertion site using small, flexible securement feet placed in the subcutaneous tissue just beneath the skin. SecurAcath is the only subcutaneous catheter securement device in the world. The SecurAcath lasts the Life of the Line™ and can dramatically decrease catheter dislodgement and migration, decrease catheter replacement costs, reduce risk of catheter-related infections and other complications, prevent catheter associated skin injury (CASI), eliminate suture needle stick risk, prevent therapy interruption, and lower total cost of patient care. SecurAcath – Because Patients Deserve Better.



StatSeal topical dressing products work independently of the clotting cascade to form an instant occlusive seal around access sites to stop bleeding and oozing. The seal keeps sites dry and intact until the scheduled dressing change. Prophylactic use of StatSeal has been found to minimize dressing disruption and to help reduce infection rates. StatSeal products are available in both powder and disc (compressed powder) form, to suit a wide variety of clinical applications, and are manufactured in the USA, by Biolife, LLC.



Tada Medical AB is a Swedish medical device company specialising in needs-based innovations for health and medical care. Our vision is to improve lives by providing innovative solutions for unmet healthcare needs.

IV therapy is the most frequent invasive procedure in modern healthcare, being received by 80% of in-hospital patients. Unfortunately, on average 10% of these procedures will be prematurely interrupted by so called accidental dislodgement incidents where the IV cannula is forcefully ripped from the patient's vein. Dislodgement results in, e.g., patient injury, spilled medication, air embolisms and increased workload for the healthcare professionals. It also increases the healthcare professional's risk of exposure to potentially contaminated blood and hazardous drugs.

When the problem is that something breaks the standard solution is to make it stronger, we did the opposite - we made it weaker. Our solution to the global healthcare problem of accidental IV dislodgement is the first ever market ready breakaway connector ReLink. ReLink is specially engineered to enhance infusion stability by keeping connections of IV cannulas to IV lines, with a controlled break away and predictable results, thereby providing increased safety for patients and nurses across the globe.



For more than 30 years pfm medical ag and its swiss subsidiary pfm medical cpp SA are producing and distributing port systems and accessories. Our products meet the highest international standards and are used reliably for the long-term medication in the areas of oncology, e.g. with chemotherapies and parenteral nutrition.

# NATIONAL VASCULAR ACCESS SOCIETIES

WoCoVA is proud to have so many national societies involved in the world wide network on vascular access. National societies can share results of research, initiatives and innovations on Vascular Access with other VA specialists using the WoCoVA global network. WoCoVA has an increasing number of related societies and offers support in starting a VA society if not yet existing. If your national society is not in the list, take this opportunity to connect to this world wide expert group and share.



**VISIT OUR VIRTUAL EXHIBITION AREA  
at the 6th WoCoVA 29 to 30 April 2021**



**MEET OUR EXPERTS IN THEIR BREAKOUT SESSION ROOMS**

**Thursday, 29th April:**  
12:15 – 13:15 (CET)  
19:30 – 20:30 (CET)

**Friday, 30th April:**  
12:25 – 13:25 (CET)  
18:50 – 19:50 (CET)

**Breakout session room 1:**

The great variety of Safety GRIPPER® Portal Access Needles – products for individual therapy and patient safety.

**Breakout session room 2:**

The proven performance of Port-A-Cath®, implantable port systems.

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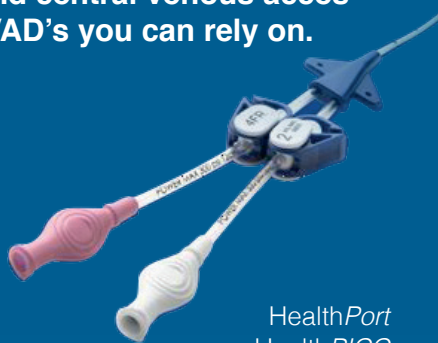
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PICC-PORT  
Nouvo Safety Set  
PolySafety-BC  
Avatar



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6th World Congress on Vascular Access  
29 - 30 APRIL 2021 | VIRTUAL

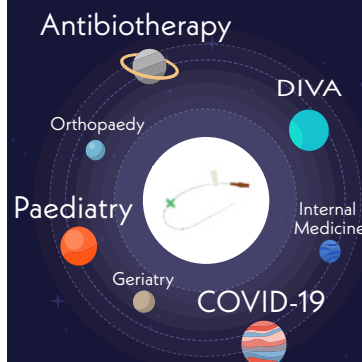
**Symposium**

**VYCON**  
Value Life

**Mini-Midlines**  
A universe of possibilities

**April**  
**30th**

Main Hall  
at 10:30 AM CEST



**Mini-midlines: Why and When should we consider their use?**

**Dr Linda J. Kelly** | International Clinical Educator, Vygon

**In DIVA patients**

**Nicola Wyllie** | Nurse (Vascular Access Service), United Kingdom

**In Antibiotherapy**

**Aurea Escobedo Tenorio** | Nurse (Vascular Access Service), Mexico

**Gilberto Hernandez Córdoba** | Clinic Director, Mexico

**In Paediatrics**

**Juan José Menéndez** | Paediatric Intensive Care Physician, Spain

**In COVID-19 patients**

**Marco Bigliardi** | Nurse (Vascular Access Service), Italy

**Daide Giustini** | Nurse (A&E Department), Italy

**Aurea Escobedo Tenorio** | Nurse (Vascular Access Service), Mexico

**Delfino Zambrano Lara** | Nurse (Vascular Access Service), Mexico

**Sharing experience and Testimonials  
from International Clinicians**

FRIDAY, 30 APRIL  
10:28 – 11:00 h  
ROOM 2

## B. Braun Satellite Symposium

### The Choice of Vascular Access in ICU

#### TOPIC

The role of PICC and FICC as possible alternatives to CICC

Ultrasound-Guided Peripheral IV Insertions:  
A Novel Tool to Enhance Patient Care

#### SPEAKER

**Dr Fulvio Pinelli** – Anesthesiologist at Careggi University Hospital, Firenze, Italy

**Julie Godfrey** – Lead Vascular Access Consultant Nurse  
ANP NMP – Mid and South Essex University Hospitals  
Group Broomfield Hospital Chelmsford, United Kingdom

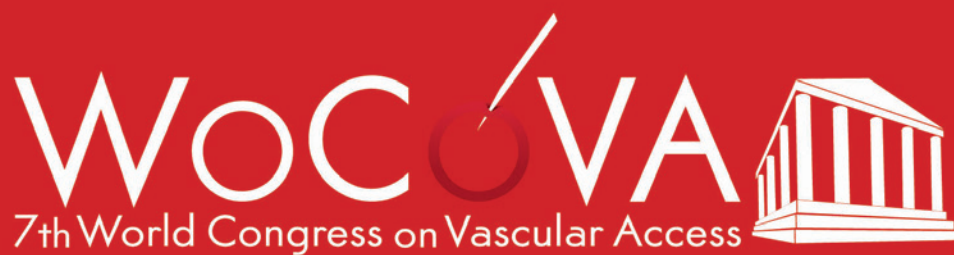
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#### **Colophon:**

##### **WoCoVA**

Digital Congress Brochure  
6th WoCoVA VIRTUAL 2021

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