

VAS2025 program

14th Congress of the Vascular Access Society 3-5 April 2025 - Padova, Italy

Theme of the VAS 2025 Congress: Dialysis access, a multidisciplinary perspective

Day 1 - April 3, 2025

General session – Room 1

09.00-09.15 Opening Ceremony

Session chairs: Maurizio Gallieni, Joris Rotmans

09.15-10:45 Vascular access: state of the art

1. Vascular access around the world. Tamara Jemcov, Serbia
2. AV fistula then and now - almost 60 years after the first native access. Nicola Pirozzi, Italy
3. AV grafts: Are the indications still the same? Matteo Tozzi, Italy
4. Leveraging multi-disciplinary partnerships to improve value in vascular access care. Prabir Roy-Chaudhury, USA

Session chairs: Tamara Jemcov, Carlo Lomonte

10:45-11:15 Coffee break

11:15-12:15 The central venous catheter (CVC)

1. ECG-guided CVC insertion. Tim Spencer, USA (President, WoCoVA).
2. Infectious complications of CVCs. Maria Guedes, Portugal
3. Thrombotic complications of CVCs. Gianmarco Falcone, Italy
4. How long can we keep a non-tunneled hemodialysis catheter in place? Jennifer Hanks, UK

Session chairs: Maurizio Gallieni, Gianmarco Falcone

12:15-13:15 Lunch Break and Industry Symposia (12:30-13:10 - 40 minutes)

13:15-14:00 Poster session discussion in the Poster Area

Discussants: Nick Inston, Maarten Snoeijs, Maria Guedes Marques, Yara Fares, Robert Shahverdyan, Matteo Tozzi (selection of best posters)

14:00-15:00 Young Committee session 1.

Training in vascular access.

1. International collaboration and teaching in vascular access. Loreto Gesualdo, Italy
2. Establishing excellence: the case for a dedicated curriculum in vascular access for dialysis – design, implementation, and impact. Maarten Snoeijs, Netherlands
3. Teaching vascular access in the UK. Mohammad Khurram, UK

Session chairs: Christopher Seet, Raquel Barba

15:00-16:00 Young Committee session 2.

Multidisciplinary Teams in Vascular Access

1. How to integrate a nurse in a multidisciplinary vascular access team: A French example. John Lecompte, France
2. Setting up a multidisciplinary vascular access team in Japan. Toshihide Naganuma, Japan
3. Setting up a multidisciplinary team in the UK. Mohammad Khurram, UK

Session chairs: Yara Fares, Wouter Moest

16:00-16:30 Coffee Break

16:30-17:30 Vascular access planning

1. What is the optimal timing for creating vascular access and starting dialysis? Tamara Jemcov, Serbia
2. Use of the kidney failure risk equation (KFRE) for VA planning. Ulrika Hahn Lundstrom, Sweden
3. The impact of an AVF on kidney function in patients with CKD 5, Carlo Lomonte, Italy
4. Earlier cannulation of AVFs, Nick Inston, UK

Session chairs: Carlo Lomonte, Jeremy Crane

17:30-18:00 Mini lectures

1. How to publish in the Journal of Vascular Access, Jan Tordoir, VAS Editor, Netherlands
2. Interventional Radiology: which treatment for which stenosis? Daniele Savio, Italy

Session chairs: Daniele Savio, Maurizio Gallieni

Room 2 Session

11:15-12:15 Basic research in vascular access

1. The evolving landscape of vascular access biology: Latest insights and key updates. Roberto Vazquez-Padron, USA
2. Hemodynamics and its impact on vascular access maturation and longevity. Andrea Remuzzi, Italy
3. Updates in translational science for vascular access. Joris Rotmans, Netherlands
4. *Oral abstract presentation (5 + 2 min)*
5. *Oral abstract presentation (5 + 2 min)*

Session chairs: Joris Rotmans, Roberto Vasquez Padron

12:15-13:15 Lunch Break and Industry Symposia (12:30-13:10 - 40 minutes)

13:15-14:00 Poster session discussion in the Poster Area

Discussants: Nick Inston, Maarten Snoeijjs, Maria Guedes Marques, Yara Fares, Robert Shahverdyan, Matteo Tozzi (selection of best posters)

14:00-15:00 Gender differences in dialysis access

1. Gender-related differences in vascular access of incident and prevalent dialysis patients. Ramon Roca-Tey, Spain
2. Gender and susceptibility to vascular access complications. Gunilla Welanders, Sweden
3. How gender affects vascular access selection. Diameters and functional characteristics. Tamara Jemcov, Serbia
4. *Oral abstract presentation (5 + 2 min)*
5. *Oral abstract presentation (5 + 2 min)*

Session chairs: Jose Ibeas, Maria Guedes Marques

15:00-16:00 Video session: dialysis access creation

1. Ultrasound evaluation of the arm for endovascular access creation. Alexandros Mallios, France
2. Intraoperative endo-lithotripsy for distal artery calcification. Marcello Napoli, Italy
3. Microsurgery for distal AVF creation. Nicola Pirozzi, Italy
4. Implantation of the biological aXess graft. Matteo Tozzi, Italy
5. Endovascular fistula creation with the new Velocity system. Robert Shahverdyan, Germany

Session chairs: Alexandros Mallios, Nicola Pirozzi

16:00-16:30 Coffee Break

16:30-17:45 Recent clinical trials

Lectures (20 minutes)

1. Drug-eluting technologies. Narayan Karunanithy, UK
2. Cell-impermeable endoprosthesis. Leonardo Harduin, Brasil
3. Access study (RCT of regional vs local anesthesia). Emma Aitkin, UK
4. *Oral abstract presentation. 7 minutes. TBD*
5. *Oral abstract presentation. 7 minutes. TBD*

Session chairs: Matteo Tozzi, Nick Inston

Room 3 Session

11:15-12:15 Dialysis access and the cardiovascular system

1. What is the optimal flow for vascular access? Carlo Lomonte, Italy
2. Vascular access and cardiorenal syndrome, Jan Malik, Czech Republic
3. Vascular access management after kidney transplantation, Ulrika Hahn Lundstrom, Sweden
4. Aneurysms in vascular access conduits, Marco Franchin, Italy

Session chairs: Jan Malik, Marco Franchin

12:15-13:15 Lunch Break and Industry Symposia (12:30-13:10 - 40 minutes)

13:15-14:00 Poster session discussion in the Poster Area

Discussants: Nick Inston, Maarten Snoeijs, Maria Guedes Marques, Yara Fares, Robert Shahverdyan, Matteo Tozzi (selection of best posters)

14:00-15:00 Tissue engineering in vascular access

1. Update of clinical trials of the aXess device. Robert Shahverdyan, Germany
2. Mechanically reinforced biotubes for dialysis access: 18 months results from a first-in-man structured registry study. Qining Fu (Deling Kong group), China
3. Preclinical evaluation of a fully biological, human, woven vascular graft. Nicolas L'Heureux, France
4. *oral abstract presentation. 7 minutes. TBD*
5. *oral abstract presentation. 7 minutes. TBD*

Session chairs: Francois Saucy, Joris Rotmans

15:00-16:00 Peritoneal dialysis access

Presentations: 10 minutes

1. The right PD catheter for the right patient at the right time, Charmaine Lok, Canada
2. PD-catheter shaving, a technique for salvage of infected catheters, Miroslava Popovic, Serbia
3. Mini-laparotomic placement of the PD catheter. Maurizio Gallieni, Italy
4. Laparoscopic placement of the PD catheter – Jorinde van Laanen, Netherlands
5. Percutaneous placement of the PD catheter. Ingemar Davidson, USA

Session chairs: Tamara Jemcov, Ulrika Hahn Lundstrom

16:00-16:30 Coffee Break

16:30-17:45 Management of high-flow and hand ischemia

1. Surgical techniques to reduce access flow, Ingemar Davidson, USA
2. Pro con: bypass versus banding/ligation, John Lucas III, USA
3. FRAME-device: clinical indications and experience, Vladimir Matoussevitch, Germany
4. *Oral abstract presentation. 7 minutes. TBD*

5. *Oral abstract presentation. 7 minutes. TBD*

Session chairs: Robert Shahverdyan, Antonio Norton de Matos

Day 2 - April 4, 2025

General Session - Room 1

09:00 – 09:30 Keynote lecture. Charmaine Lok, Canada

Dialysis access beyond the guidelines: new perspectives.

09:30 – 9:45 VAS Awards

Session chairs: Maurizio Gallieni, Tamara Jemcov

09:45 – 10:45 VAS-VASA-JSDA-ERA-ISN cooperation session

1. Discrepancies in vascular access clinical practices: why? Toshihide Naganuma, Japan (JSDA)
2. From small to tall: vascular dimensions and flow. John Lucas III, USA (VASA)
3. Impact of reimbursement policies on vascular access management. Maarten Snoeijs, Netherlands (VAS)
4. The ISN interventional nephrology training program: opportunities and hurdles. Jadranka Buturović, Slovenia (ISN Interventional Nephrology Working Group)

Session chairs: VASA (Dirk Hentschel), ERA (Dimitrios Goumenos), ISN (Jadranka Buturović), and VAS (Joris Rotmans) representatives

10:45-11:15 Coffee break

11:15-12:15 The non-maturing access

1. Big-BAM: a new method to enhance maturation? Leonardo Harduin, Brasil
2. Side-branch ligation or embolization in non-maturing fistulas: is it worth it? Antonio Norton de Matos, Portugal
3. Surgical rescue of peri-anastomotic stenoses. Alexandros Mallios. France
4. *Oral abstract presentation (5 + 2 min)*
5. *Oral abstract presentation (5 + 2 min)*

Session chairs: Joris Rotmans, Alexandros Mallios

12:15-13:15 Lunch Break and Industry Symposia (12:30-13:10 - 40 minutes)

13:15-14:00 Salvage of failing access

1. Endovascular salvage. Kate Steiner, UK
2. Hybrid surgery salvage. Georgios Chatzantonis, Greece
3. *Oral abstract presentation (5 + 2 min)*
4. *Oral abstract presentation (5 + 2 min)*

Session chairs: Luis Loureiro, Jan Tordoir

14:00-14:45 Vascular access in fragile patients

1. Vascular access in the elderly: Nephro-geriatric assessment. Alferso Abrahams, Netherlands
2. Vascular access creation in hemodialysis patients with heart failure. Jan Malik, Czech Republic
3. *Oral abstract presentation (5 + 2 min)*
4. *Oral abstract presentation (5 + 2 min)*

Session chairs: Maarten Snoeijs, Jennifer Hanko

14:45-15:30 Ultrasound in vascular access

1. Ultrasound-monitoring of maturation: does it have any value? José Ibeas, Spain
2. Surveillance of graft and fistulas, Maria Guedes Marques, Portugal

3. Ultrasound versus dilution techniques for access monitoring in clinical practice, José Luis Merino, Spain

4. Ultrasound-guided balloon angioplasty, Bostijan Leskovic, Slovenia

Session chairs: José Ibeas, Maria Guedes Marques

15:30-16:00 Coffee Break

16:00 – 17:00 Best abstracts (7 min presentations of 5 best oral communications and 3 minutes presentations of best five posters)

Session chairs: Antonio Norton de Matos, Vladimir Matoussevitch

17:00-18:00 VAS General Assembly

Gala Dinner in Venice

Room 2 – Nursing Symposium

Coordinators

Ruben Iglesias, Vascular Access Nurse

Gelisa Allers, Vascular Access Nurse

Clemente Sousa, Vascular Access Nurse

10:15 – 10:45 Ultrasound guided cannulation, pros and cons

10:45-11:15 Coffee break

11:15-12:15 Catheter locks

12:15-13:15 Lunch Break and Industry Symposia (12:30-13:10 - 40 minutes)

13:15-14:00 Management of the bleeding access post-dialysis

14:00-14:45 Monitoring and surveillance

One presentation on measuring access flow and recirculation during hemodialysis

14:45-15:30 Management of inadequate access flow during dialysis

Session chairs: xxx

15:30-16:00 Coffee Break

16:00 – 17:00 Nursing of vascular access: patient education and empowerment

17:00-18:00 VAS General Assembly

Gala Dinner in Venice

Room 3 Session

10:15 – 10:45 Clinical problem-solving in vascular access 1 – Case analysis (7 min each + discussion 3 min)

1. Stents versus drug coated balloons for outflow complications. Kate Steiner, UK
2. Decision on vascular access ligation after kidney transplantation, Nick Inston, UK
3. High Flow AV access. Pasquale Zamboli, Italy

Session chairs: Kate Steiner, Nicola Pirozzi

10:45-11:15 Coffee break

11:15-12:15 Clinical problem-solving in vascular access 2 – Case analysis (7 min each + discussion 3 min)

1. Endo-AV fistula malfunction or complications, Robert Shahverdyan, Germany
2. The bleeding access. Maarten Snoeijs, Netherlands
3. AV fistula maturation problems. Monnie Wasse, USA.
4. Indication to early cannulation graft placement. David Kingsmore, Glasgow, UK
5. Problematic removal of cuffed catheters, Gürkan Sengölge, Austria

Session chairs: David Kingsmore, Robert Shahverdyan

12:15-13:15 Lunch Break and Industry Symposia (12:30-13:10 - 40 minutes)

13:15-14:00 Endo-AV fistula: First-generation devices and new developments

1. Overview of the currently available endo-AVF devices and those under investigation. Gianmarco Falcone, Italy
2. Current status of endo-AVFs: outcomes of recent clinical trials. Monnie Wasse, USA
3. Economics of endo-AVFs, José Ibeas, Spain

Session chairs: Matteo Tozzi, Gianmarco Falcone

14:00-14:45 AV fistula, surgical issues

1. Unusual vascular access conduits, impact of patient characteristics. Flavia Gentile, Luxembourg
2. Managing the high flow fistula – why, when and how. Antonio Norton de Matos, Portugal
3. Use of small vessels for distal AV access. Marcello Napoli, Italy
4. Vascular access for non-renal indications (oncology, plasma exchange, parenteral feeding). Roberta Brambilla, UK

Session chairs: Flavia Gentile, Nick Inston

14:45-15:30 Video session: management of dialysis access complications

Video 1 A case of complicated dialysis access. Alexandros Mallios, France

Video 2 Limberg skin flap for conservative treatment of skin necrosis complicating AV fistula. Nicola Pirozzi, Italy

Video 3 Treatment approach to CVC related right atrial thrombosis. Daniele Savio, Italy

Video 4 A case of complicated dialysis access. Monnie Wasse, USA

Session chairs: Georgios Chatzantonis, Matthias Widmer

15:30-16:00 Coffee Break

16:00 – 17:00 Innovation in vascular access

1. Intraoperative intravascular lithotripsy. Marcello Napoli (Italy)
2. aXess hemodialysis graft and endogenous tissue restoration. Matteo Tozzi (Italy)
3. Implantable magnetic device for blood flow control through AVF. Joris Rotmans (Netherlands)
4. Surgical planning of arteriovenous fistulae in routine clinical practice through a machine learning predictive tool. Andrea Remuzzi (Italy)

Session chairs: Roberta Brambilla, Ramon Roca-Tey

17:00-18:00 VAS General Assembly

Gala Dinner in Venice

Day 3 - April 5, 2025

General session – Room 1

09:00 – 09:40 Keynote lecture. Prof. Claudio Ronco, Italy.

100 years of hemodialysis: the vascular access issue from the past to the future

Session chairs: Maurizio Gallieni, Joris Rotmans

09:40 – 10:00

Oral abstract presentations

1. *Oral abstract presentation (5 +2 min)*
2. *Oral abstract presentation (5 +2 min)*
3. *Oral abstract presentation (5 +2 min)*

Session chairs: Tamara Jemcov, Maurizio Gallieni

10:00 – 10:45 Round table - Answers to patients' questions on vascular access.

Participants: Nephrologist: Charmaine Lok, Surgeon: Matteo Franchin, Radiologist: Daniele Savio, Nurse: Clemente Sousa, Patient: TBD

Session chairs: Charmaine Lok, Clemente Sousa

10:45-11:15 Coffee break

11:15-12:15 Vascular access grafts

1. The Role of Bioengineered Vascular Grafts in Reducing Complications: A Paradigm Shift. Luís Loureiro, Portugal
2. The use of early-cannulation grafts for hemodialysis crash-landers: myth or reality, Marco Franchin, Italy
3. Graftulas: graft interpositions in fistulas, the worst of both worlds? Joaquim Vallespin, Spain
4. *Oral abstract presentation (5 +2 min)*
5. *Oral abstract presentation (5 + 2 min)*

Session chairs: Mario D'Oria, Luis Loureiro

12:15-13:00 Vascular access issues for home hemodialysis

1. AVFs versus CVCs for home hemodialysis. Nick Inston, UK
2. Buttonhole AV access for home hemodialysis, pros and cons. Tony Goovaerts, Brussels, Belgium
3. Management of vascular access bleeding complications in home hemodialysis. Maurizio Gallieni, Italy

Session chairs: Clemente Sousa, Marcello Napoli

13:00-13:15 Awards ceremony for best abstracts

13:15-13:30 Presentation of the VAS2027 Congress (Belgrade, Serbia) and final remarks

Chairs: Joris Rotmans, Tamara Jemcov