PRELIMINARY CONGRESS PROGRAMME

Blue – review, invited presentations (15 minutes including discussion)

Italic – original investigation (10 minutes including discussion)

Thursday, April 6

LARGE SESSION – LINHART HALL

8:30 – 08:45
Opening Ceremony

08:45 – 10:15
Patient centered approach in vascular access
Chairmen: M. Widmer, C. Lomonte

- 08:45 Vascular access for hemodialysis – epidemiological data (W. Meichelboeck, Germany)
- 09:00 Current scenario and status of hemodialysis and access in emerging economies / India / Southeast Asia S. Jasuja (India)
- 09:15 Dialysis access in children (R. Ponikvar, Slovenia)
- 09:30 AV access in the elderly patient (C. Lomonte)
- 09:45 Staff’s role in vascular access creation and maintenance (M. Widmer, Switzerland)
- 10:00 Patient safety in vascular access planning and construction (D. Shemesh, Israel)

10:15 – 10:45 Coffee break
10:45 – 12:15
Facilitation of native AVF maturation

Chairmen: M. Malovrh, S. Shenoy

- 10:45 Pre-op mapping – state of the art M. Malovrh (Slovenia)
- 11:00 Role of Angioplasty in vascular maturation and maintenance K. Abreo (USA)
- 11:15 Juxta-anastomotic stenosis prevention – new techniques S. Shenoy (USA)
- 11:30 Distal ulnar-basilic AVF – the second option of AVF H. Kawanishi (Japan)
- 11:42 Improved arteriovenous fistula maturation by distal cephalic reverse loop anastomotic technique. V. Milacic (Serbia)
- 11:52 Neuromuscular electrostimulation: a new therapeutic option to improve radio-cephalic arteriovenous fistula maturation. L. Martinez Carnovale (Spain)
- 12:02 Early use of intermittent pneumatic compression enlarges fistulae. T. Singh (USA)

12:15 – 13:30 Lunch

13:30 – 15:00
Too deep arteriovenous fistula and other difficult situations: What to do?
Chairmen: P. Bourquelot, S. Baktiroglu

- 13:30 Difficult cannulation and inadequate kT/V – the help of ultrasonography. S. Van Hooland. (Belgium)
- 13:45 Transposition, elevation, lipectomy and V-Wing for easy needling. P. Bourquelot (France)
- 14:00 Arterial disease and vascular access. S. Baktiroglu. (Turkey)
- 14:15 Anesthesia for vascular access surgery and endovascular interventions. D. Shemesh. (Israel)
- 14:30 Management of cephalic arch stenosis and occlusion with the Viabahn stent-graft. R.G. Jones (United Kingdom)
- 14:40 Cases of AVG combined with basilic vein transposition. T. Nakamura (Japan)
- 14:50 Preventive surgery for hemodialysis vascular access saving A. Zulkarnaev (Russia)

15:00 – 15:30 Coffee break

15:30 – 17:30
Salvage of failing access – surgery, percutaneous procedures
Chairmen: K. Abreo, J. Tordoir

- 15:30 Physical examination of a vascular access (K. Abreo, USA)
- 15:45 Surgical thrombectomy and stenosis therapy (J. Tordoir, Netherlands)
- 16:00 Is treatment of venous anastomosis of occluded arteriovenous graft by stentgraft implantation beneficial? J. Janeckova (Czech Republic)
16:10 Comparison of surgical and interventional therapy for thrombosed access. G. Lambert (United Kingdom)
16:20 Poor Man’s Thrombectomy. Novel technique with old tools for the treatment of thrombosed arteriovenous grafts. 5-year results of 241 cases. P. Kitrou (Greece)
16:30 The Lutonix AV trial: Results from a randomized trial of drug coated balloons in hemodialysis arteriovenous fistulae. S. Trerotola (USA)

since 18:00 Welcome reception

PARALLEL SESSIONS – KOSOVEL HALL

08:45 – 10:15
Vascular pathology in CKD patients
Chairmen: P. Roy-Chaudhury, A. Remuzzi

- 8:45 Cardiovascular calcifications. M. Gallieni (Italy)
- 9:00 Mechanisms of vascular access stenosis development P. Roy-Chaudhury (USA)
- 9:15 Hemodynamic shear stress, endothelial cell activation and intimal hyperplasia in hemodialysis vascular access A. Remuzzi (Italy)
- 9:30 Reaction of the Immune system in Rats to Common Materials Used in Manufacturing Artificial Vessels. N. Jirofti (Iran)
- 9:40 Blood-borne biomarkers and their relation to arteriovenous fistula outcomes: a review. C. MacDonald (United Kingdom)
- 9:50 The use of NIRS in assessing endothelial function in normal healthy individuals. D. MacGrogan (United Kingdom)
- 10:00 Increased endothelial nitric oxide synthase expression improves arteriovenous fistula remodeling and reduces neointimal hyperplasia. T. Lee (USA)

10:15 – 10:45 Coffee break

10:45 – 12:15
Catheters
Chairmen: M. Gallieni, Ch. Lok

- 10:45 Optimization of dialysis catheter function (M. Gallieni)
- 11:00 Safe catheter extraction P. Quaretti (Italy)
- 11:15 When to use catheters? C. Lok (Canada)
- 11:30 Treating the Dysfunctional Dialysis Permacath: A retrospective analysis of 510 procedures. P. Kitrou (Greece)
- 11:40 Short and long term hemodialysis catheters in pediatric population: a single center experience. M.A. Rahil (Algeria)
11:50 A modified de novo insertion technique for catheter replacement in elderly hemodialysis patients. L. Wang (China)

12:00 PICC in the treatment of children with cancer: results of a multicenter study. M. Rykov (Russia)

12:15 – 13:30 Lunch

13:30 – 15:00
Local hemodynamics of vascular access

Chairmen: N. Inston, J. Buturovic-Ponikvar

- 13:30 The Science of Vascular access failure made simple (N. Inston, UK)
- 13:45 Beneficial systemic effect of an arteriovenous access? J. Buturovic-Ponikvar (Slovenia)
- 14:00 The impact of functioning hemodialysis arteriovenous accesses on renal graft perfusion: results of a pilot study. I. Laranjinha (Portugal)
- 14:10 The influence of dialysis needles on the hemodynamics of vascular access grafts. S. Quicken (Netherlands)
- 14:20 Hemodynamical changes after brachiobasilic arteriovenous fistulas in patients with and without previous ipsilateral vascular access. N. Zonnebeld (Netherlands)
- 14:30 An ex-vivo perfusion system to simulate AVF hemodynamics. M. Franzoni (Ireland)
- 14:40 Ultrasound morphological and hemodynamic changes in vascular access maturation period as predictors of dysfunction. J. Ibeas (Spain)
- 14:50 Shunt Simulation Study (3S): Can we improve arteriovenous fistula maturation using preoperative patient-specific computer simulations. N. Zonnebeld (Netherlands)

15:00 – 15:30 Coffee break

15:30 – 17:30
Surveillance

Chairmen: R. Roca-Tey, J. Ibeas

- 15:30 Twenty years of vascular access flow surveillance, where we are now? (N. Krivitski, USA)
- 15:45 Ultrasound, something more than surveillance: From intimal hyperplasia to calcification (J. Ibeas, Spain)
- 16:00 Arteriovenous access monitoring and surveillance according the new Spanish Guidelines (R. Roca-Tey, Spain)
- 16:15 Comparison of urea recirculation and thermodilution to monitor vascular access in hemodialysis. A. Vega (Spain)
- 16:25 Which vessel diameter is a predictor of primary arteriovenous fistulae failure? M. Corte-Real Houlihan (United Kingdom)
- 16:35 Impact of clinical parameters, vascular hemodynamics on arterio-venous fistula maturation: a prospective study from India. NK Ghosh (India)
• 16:45 Vascular access (VA) results before and after multidisciplinary approach adding doppler ultrasound. A single center experience. I. Aragoncillo (Spain)
• 16:55 Predictive factors for early failure and patency in native arteriovenous fistulas for hemodialysis. N. Córdoba (Spain)

Friday, April 7

LARGE SESSION - LINHART HALL

8:30 – 10:15
Which access for which patient – interactive, case based
Chairmen: M. Widmer, I. Davidson, L. Clausen, Ch. Lok

• 8:30 Introduction: Which access for which patient: bringing evidence into practice (Lene Langhoff Clausen, Denmark)
• 8:45 Access selection influenced by diverse patient factors and wishes (I. Davidson, USA)

10:15 – 10:45 Coffee break

10:45 – 12:15
AVG and AVF complications: aneurysms, pseudoaneurysms, bleeding
Chairmen: P. Balaz (CZ), I. Davidson (USA)

• 10:45 Aneurysm of vascular access - definition, classification and type of treatment (P. Balaz, CZ)
• 11:00 Acute arteriovenous access bleeding (I. Davidson, USA)
• 11:15 Stapler technique for treatment of True aneurysm in autologous hemodialysis fistulae: long terms results. M. Franchin (Italy)
• 11:25 Complex Aneurysm of Vascular Access and informed consent : proposal for a scoring system before surgical correction. L. Berardinelli (Italy)
• 11:35 Minimally invasive surgical treatment of brachial artery pseudoaneurysm using intraoperative prophylactic haemostasis. N.P. Pirozzi (Italy)
• 11:45 Consideration of usefulness of organized thrombus with biopsy forceps for VA occlusion. M. Wakabayashi (Japan)
• 11:55 Guideline recommendations regarding quality assessment in angioaccess surgery. B. Fila (Croatia)
• 12:05 The effect of anastomosis and graft geometry on arteriovenous graft patency: systematic review and meta-analysis P. Sawo (Netherlands)

12:15 – 13:45 Lunch and Lunch symposium (Medtronic)
13:45 – 15:15
Late breaking clinical trials/new perspectives
Chairmen:

- 13:45 Biological grafts – Humacyte – (Jeffry Lawson, USA)
- 14:00 New Dialysis Access Options with an endovascular AV Fistula system: Results of the EASE study (Todd Berland, USA)
- 14:15 Results of phase III clinical trial data on vonaponitase in 300 patients in radiocephalic AVFs – (Timmy Lee, USA)

15:15 – 15:45 Coffee break + Meet the JVA Editor

15:45 – 17:30
Hand ischemia+infection: 2 specific vascular access problems
Chairmen: J. Tordoir, C. Lomonte

- 15:45 Non-invasive diagnosis of hand ischemia (J. Malik, Czech Rep.)
- 16:00 Surgical therapy of hand ischemia (V. Matoussevitch, Germany)
- 16:15 Vascular access related nerve compression syndrome. J. Tordoir, Netherlands
- 16:30 Catheter related bacteremia and biofilm. When to give antibiotics? (C. Lomonte)
- 16:45 Signs of A-V access infection – surgeon´s explanation to non-surgeons (S. Baktiroglu, Turkey)
- 17:00 Importance of peripheral IV dressing integrity in the prevention of blood stream infection: observations of an industry RN Clinical Educator. M.S. Steffee (USA)
- 17:10 A mechanism of banding failure in mega-fistulas. A. Mallios (France)

17:30 – 18:30
General Assembly

20:00
VAS Gala dinner

PARALLEL SESSIONS – KOSOVEL HALL

8:30 – 10:15
Endovascular interventions – challenges
Chairmen: C. Hohl, B. Leskovar

- 8:30 Role of Stent/stent grafts in Hemodialysis Vascular Access (K.Abreo, USA)
- 8:45 Re-stenosis of AVF or AVG – when is the time for stentgraft? (C. Hohl, Germany)
- 9:00 The help of ultrasonography during endovascular therapy (T. Sato, Japan)
• 9:15 Shifting the Paradigm for Dialysis Access: Latest Clinical Experience with the everlinQ endo-AVF (Dheeraj Rajan, Canada)
• 9:30 Drug-coated balloons reduce the risk of restenosis in hemodialysis patients with recurrent stenosis of arteriovenous fistula. N.Troisi (Italy)
• 9:40 Ultrasound guided angioplasty of hemodialysis vascular access. B. Leskovar (Slovenia)
• 9:50 Paclitaxel coated balloon angioplasty of native dialysis fistula – a single centre experience over six and a half years. S.B. Bevc (Slovenia)
• 10:00 Standard versus cutting balloon angioplasty for the treatment of hemodialysis access stenosis: a retrospective observational study. M.Salsano (USA)

10:15 – 10:45 Coffee break

10:45 – 12:15
Organization of VA care and puncturing vascular access
Chairmen: Magda van Loon, M.T. Parisotto
• 10:45 Organization of vascular access care M. van Loon (Netherlands)
• 11:00 Plastic cannulae instead of needles – M.T. Parisotto (Germany)
• 11:15 The controversy of buttonhole – M. van Loon (Netherlands)
• 11:30 Randomised controlled trial of ultrasound versus blind cannulation in difficult to cannulate autologous arteriovenous dialysis access fistulae. J.K.Eves (United Kingdom)
• 11:40 Investigation of the knowledge and attitudes of patients who are undergoing hemodialysis treatment regarding their arteriovenous fistula. N. Ozen (Turkey)

12:15 – 13:45 Lunch

13:45 - 15:15
Something special :-) (to be announced)

15:15 – 15:45 Coffee break

15:45-17:35
Heart and circulation in CKD patients, high-flow AVF
Chairmen: J. Rotmans, J. Malik
• 15:45 Heart failure and vascular access in CKD patients – current knowledge (J. Malik)
• 16:00 What to do with vascular access after successful kidney Tx? (relation with cardiac burden of arteriovenous conduits) J. Rotmans (Netherlands)
• 16:15 Changes of access flow and cardiac output during HD – N. Krivitski (USA)
• 16:30 Cardiovascular implantable devices and vascular access – strategies to overcome problems. M. Kusztal (Poland)
• 16:45 Anticoagulation therapy in ESRD patients  J. Buturovic-Ponikvar, Slovenia
• 17:00 Gadolinium contrast agents – are they really safe? (H. Malikova, Czech Rep.)
• 17:15 Ferumoxytol-enhanced magnetic resonance angiography for the assessment of patients with complex anatomy due for vascular access creation. S. Stoumpos (United Kingdom)
• 17:25 The use of NIRS to assess endothelial response in normal volunteers versus patients with ESRD. D. McGrogan (United Kingdom)

Saturday, April 8

9:00
VAS honorary award and lecture

9:30 – 10:30
Central vein obstruction
Chairmen: P. Quaretti, D. Shemesh

• 9:30 Indications to PTA and/or stenting of central vein stenosis. P. Quaretti (Italy)
• 9:45 HERO graft – J. Turek (Poland)
• 10:00 An interventional radiology single center experience in transhepatic hemodialysis catheter. R. Moreira (Brasil)
• 10:10 Arterio-arterial axillary loop PTFE graft (AA-LG) as an alternative procedure for chronic haemodialysis in patients with no conventional sites for vascular access. J. Kowalczyk (South Africa)
• 10:20 Arterial superficialization is useful for the hemodialysis patients with central vein obstruction or excessive blood flow shunt. K. Kukita (Japan)

10:30 – 11:00 Coffee break

11:00-12:30
New methods and new types of vascular access
Chairmen: M. Tozzi (Italy), J. Turek (Poland)

• 11:00 Early cannulation grafts: surgical technique Matteo Tozzi (Italy)
• 11:15 Humacyte autologous graft – clinical experience J. Turek (Poland)
• 11:30 A hybrid and semi-degradable graft for a new engineered vascular access. S. van Uden (Italy)
• 11:40 Using CorMatrix for arteriovenous fistula (re)construction. B. Leskovar (Slovenia)
• 11:50 Transcutaneous permanent vascular access - experimental study on sheeps. K.B. Paula (Brasil)
• 12:00 Initial Experience with the everlinQ endoAVF in Germany T. Steinke (Germany)
• 12:10 Weighted-catheter technique for peritoneal dialysis. S. Stonelake (United Kingdom)
• 12:20 VasQ™ - innovative external support device improves outcomes of arteriovenous fistulas: single center experience results. P. Olschewski (Germany)

12:30
Congress closure