



## Andrej Isaak

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Birth 01.06.1977 in Omsk, Russia  
Nationality German

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### Professional Experience

Since June 2019	Head Vascular and Endovascular Surgery, Kantonsspital Aarau, Switzerland
Feb 2014 – May 2019	Registrar/ Consultant Vascular Surgery and Kidney Transplants, University Hospital Basel, Switzerland
Apr 2018- March 2019	Research Fellow Vascular Surgery, QEUH Glasgow, UK
Dec 2015	Fellow Vascular Access Surgery, St. George's Hospital, London, UK
Jan 2011 - Dec 2013	Registrar General Surgery and Traumatology, Regional Hospital Locarno, Switzerland
Feb 2007 - Dec 2010	Resident General Surgery and Traumatology, District Hospital Aarau, Switzerland

### Professional Training

Feb 2017	Specialist in Vascular Surgery (FMH)
Sept 2015	Fellow of European Board of Vascular Surgery (FEBVS)
Jan 2014	Specialist in General Surgery and Traumatology
July 2013	Specialist in Surgery (FMH)
Sept 2011	Doctor`s degree (Dr. med.)
Jan 2006 - May 2006	Fellow Pediatric Surgery, Ospedale paediatrico Humberto J. Notti, Mendoza, Argentina

2002 - 2006	Human Medicine, RWTH Aachen, Germany
2001 - 2002	Erasmus Scholarship Human Medicine, University Miguel- Hernandez de Elche, Spain
2000 - 2002	Human Medicine, Ludwig- Maximillians University München, Germany

## Publications

Kingsmore DB, Stevenson KS, Thomson PC, Kasthuri R, Knight S, Jackson A, Hussey K, Richarz S, **Isaak A**. *Pre-emptive or reactive treatment, angioplasty or stent-graft? The outcome for interventions for venous stenosis in early-cannulation arteriovenous grafts*. J Vasc Access. 2021 Jul 5:11297298211029413. doi: 10.1177/11297298211029413. Epub ahead of print. PMID: 34219517.

Kingsmore DB, Stevenson KS, Richarz S, **Isaak A**, Jackson A, Kasthuri R, Thomson PC. *Patient characteristics predict patency of early-cannulation arteriovenous grafts*. Sci Rep. 2021 May 24;11(1):10743. doi: 10.1038/s41598-021-87750-6. PMID: 34031434; PMCID: PMC8144603.

Richarz S, Stevenson K, White B, Thomson PC, Jackson A, **Isaak A**, Kingsmore DB. *Early-Cannulation Arteriovenous Grafts Are Safe and Effective in Avoiding Recurrent Tunneled Central Catheter Infection*. Ann Vasc Surg. 2021 Apr 2:S0890-5096(21)00228-4. doi: 10.1016/j.avsg.2021.01.112. Epub ahead of print. PMID: 33819582.

Ciftci Ü, Marti R, Fahrni J, Gähwiler R, Thalhammer C, Gürke L, **Isaak A**. *External stenting and disease progression in vein grafts 1 year after open surgical repair of popliteal artery aneurysm*. J Vasc Surg. 2021 Feb 14:S0741-5214(21)00190-7. doi: 10.1016/j.jvs.2021.01.046. Epub ahead of print. PMID: 33592294.

Kingsmore D, Stevenson K, Jackson A, Richarz S, **Isaak A**, White B, Thomson P. *Application and implications of a standardised reporting system for arteriovenous access graft infection*. J Vasc Access. 2021 Feb 10:1129729820987382. doi: 10.1177/1129729820987382. Epub ahead of print. PMID: 33567938.

Weber V, Zdoroveac A, Turkalj I, Gähwiler R, Thalhammer C, **Isaak A**. *Nicht schon wieder eine Armvenenthrombose – Erinnerung an die Vergangenheit [Not Another Arm Vein Thrombosis – Memories of the Past]*. Praxis (Bern 1994). 2020 Nov; 109(15):1205-1209. German. doi: 10.1024/1661-8157/a003559. PMID: 33234040.

Gähwiler R, Hirschmüller A, Grumann T, **Isaak A**, Thalhammer C. *Exercise induced leg pain due to endofibrosis of external iliac artery*. Vasa. 2020 Sep 15:1-9. doi: 10.1024/0301-1526/a000909. Epub ahead of print. PMID: 32930655.

Mamadnabiev I, Imfeld S, Gürke L, Aschwanden M, **Isaak A**. *A telemedicine communication exchange network in Gorno-Badakhshan Autonomic Oblast in collaboration with Swiss Surgical Teams*. J Telemed Telecare. 2020 Aug 23:1357633X20948989. doi: 10.1177/1357633X20948989. Epub ahead of print. PMID: 32830613.

**Isaak A**, Mallios A, Gürke L, Wolff T. *Tele- Proctoring in Vascular Surgery to Defy COVID-19 Restrictions*. EJVES. 2020 June

Taher F, Plimon M, **Isaak A**, Falkensammer J, Pablik E, Walter C, Kliewer- Uhlmann M, Assadian A. *Ultrasound-guided Percutaneous Arterial Puncture and Closure Device Training in a Pulsatile Model*. JSU. 2020 March

**Isaak A**, Madurska MJ, Stevenson KS, Gürke L, Kingsmore DB. *The Management of Lower Limb Arteriovenous Grafts in the Peri-Operative Period Following Renal Transplantation*. Clin Transplant. 2020 Feb 25:e13846

Kingsmore DB, Stevenson KS, Jackson A, Desai SS, Thompson P, Karydis N, Franchin M, White B, Tozzi M, **Isaak A**. *Arteriovenous Access Graft Infection: Standards of Reporting and Implications for Comparative Data Analysis*. Ann Vasc Surg. 2019.

MacKenzie DJ, **Isaak A**, Nash J, Meldrum AD, Stevenson K, Kasthuri R, et al. *Early Cannulation ePTFE Arteriovenous Access Grafts are Associated with a Low Incidence of Pseudoaneurysm Formation*. Ann Vasc Surg. 2019.

Zeindler J, Angehrn F, Drosner R, Daster S, Piscuoglio S, Ng CKY, Kilic E, Mechera R, Meili S, **Isaak A**, Weber WP, Muenst S, Soysal SD. *Infiltration by myeloperoxidase-positive neutrophils is an independent prognostic factor in breast cancer*. Breast Cancer Res Treat. 2019;177(3):581-9.

Zeindler J, Soysal SD, Piscuoglio S, Ng CKY, Mechera R, **Isaak A**, et al. *Nectin-4 Expression Is an Independent Prognostic Biomarker and Associated With Better Survival in Triple-Negative Breast Cancer*. Front Med (Lausanne). 2019;6:200.

Zeindler J, Richarz S, Franchin M, Soysal S, Gürke L, **Isaak A**. *Endoscopic Superficialization of Hemodialysis Arteriovenous Fistulas in Obese Patients – Safety, Feasibility and Outcomes*. Eur J Vasc Endovasc Surg. 2019;58(5):756-60.

**Isaak A**, Takes M, Kingsmore D, Gürke L. *Endovascular Retrieval of Intracaval Cement: A Fishing Net Technique*. Cardiovasc Intervent Radiol. 2018 Dec;41(12):1958-1961.

**Isaak A**, Schlunke S, Stierli P, Gürke L. *Endoscopic Superficialization of Arteriovenous Fistula: A Novel Technique with Common Devices*. Ther Apher Dial. 2018 Oct;22(5):556-558.

**Isaak A**, Tozzi M. *Video assisted surgery*. Vascular Accesses for Haemodialysis, Edizioni Minerva Medica 2018.

Osinga R, Nowakowski A, **Isaak A**, Schaefer DJ, Fulco I. *Giant Neurovascular Lower Limb Fillet Flap Can Simultaneously Cover Pelvic and Abdominal Defects*. Plast Reconstr Surg Glob Open. Dez. 2017, Vol. 5, Issue 12, p 1626.

Schäfer H., **Isaak A**, Gürke L. *Case report of an intracaval leiomyomatosis 10 months after complete hysterectomy*. Int J Surg Case Rep. 2017;35:1-3.

**Isaak A**, Ellrich J. *Neuronal nitric oxide synthase is involved in the induction of nerve growth factor-induced neck muscle nociception*. Headache 2011; 51:734- 743

*Several Co-Publikations (Research group of Prof. J. Ellrich, RWTH Aachen):*

*ATP and NGF activate different types of nociceptive afferents in neck muscles in anesthetized mice. Acta Physiologica, 186 Suppl 1: 76, 2006*

*ATP induces long-term potentiation of craniofacial nociception through P2X receptors on tetrodotoxin-sensitive neck muscle afferents. 11th World Congress on Pain Abstracts: 801-P43, 2005*

*ATP injection into neck muscles induces sustained sensorimotor facilitation via P2X receptors on TTX-sensitive muscle afferents in mice. 12th Congress of the International Headache Society 2005, Cephalalgia, 25: S57-4, 2005*

*ATP und Nervenwachstumsfaktor erregen unterschiedliche nozizeptive Afferenzen der Nackenmuskulatur bei der anästhesierten Maus. Der Schmerz, 19: S85, 2005*

## Advanced Training and Affiliations

since 2020	Steering committee SwissVasc Registry
since 2017	Organiser and tutor Insitu- Bypass Workshop, LeMaitre
since 2017	Tutor Vascular Access Courses, Vasc. Int.
since 2015	Organiser and tutor Vascular Sonography courses, POCUS and FA Endovenous Thermoablation, Vasc. Int.
2015-2019	Tutor AO- Spine Courses, Strasbourg, France
Affiliations	Swiss Society of Vascular Surgery (SGG/ SGC) Swiss Society of Sonography in Medicine (SGUM), Board member (ICAN) Swiss Society of General Surgery and Traumatology (SGACT) Vascular Access Society (VAS)

## Voluntary activities

since May 2016	Board member and deputy project leader Tajikistan, Swiss Surgical Teams
Juli 2013	Project leader with Associazione per l'aiuto medico al Centro America (AMCA), Nicaragua

## Languages

Mother language (C2)	German and Russian
Business fluid (C1)	English and Italian
Fluid (B2)	Spanish and Norwegian
Good knowledge (A2)	French and Norwegian sign language