



Publikationen und Vorträge 2019

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Departement Chirurgie

Originalartikel

■ GlobalSurg Collaborative (u.a. Nocito A.)

- Global variation in anastomosis and end colostomy formation following left-sided colorectal resection.
- BJS Open. 2019 Feb 28;3(3):403-414. doi: 10.1002/bjs5.50138. eCollection 2019 Jun. PMID: 31891112. Free PMC Article

■ Hausmann D, Niemann T, Kreul D, Nocito A, Klarhöfer M, Nickel DM, Kiefer B, Attenberger UI, Zöllner FG, Kubik-Huch RA

- Free-Breathing Dynamic Contrast-Enhanced Imaging of the Upper Abdomen Using a Cartesian Compressed-Sensing Sequence With Hard-Gated and Motion-State-Resolved Reconstruction.
- Invest Radiol. 2019 Nov;54(11):728-736. doi: 10.1097/RLI.0000000000000607. PMID: 31503080

■ Hasler-Gehrer S, Linecker M, Keerl A, Sliker J, Descloux A, Rosenberg R, Seifert B, Nocito A.

- Does Coffee Intake Reduce Postoperative Ileus After Laparoscopic Elective Colorectal Surgery? A Prospective, Randomized Controlled Study: The Coffee Study
- Dis Colon Rectum. 2019 Aug;62(8):997-1004. doi: 10.1097/DCR.0000000000001405. PMID: 30998528

■ Faes S, Pratsinis M, Hasler-Gehrer S, Keerl A, Nocito A.

- Short- and long-term outcomes of laser haemorrhoidoplasty for grade II-III haemorrhoidal disease.
- Colorectal Dis. 2019 Jun;21(6):689-696. doi: 10.1111/codi.14572. Epub 2019 Feb 20. PMID: 30702197

■ GlobalSurg Collaborative (u.a. Nocito A.)

- Pooled analysis of WHO Surgical Safety Checklist use and mortality after emergency laparotomy.
- Br J Surg. 2019 Jan;106(2):e103-e112. doi: 10.1002/bjs. 11051. PMID: 30620059. Free PMC Article

Vorträge/Präsentationen

■ Nocito A.

- Kolonkarzinom, Rektumkarzinom, Themenblock Gastrointestinaltrakt, 29. März 2019, Universität Zürich
- Proktologie (Analfissur, Hämorrhoiden, Proktitis etc.), Themenblock Gastrointestinaltrakt, 29. März 2019, Universität Zürich

- Intestinale Obstruktion, Seminar zur Chirurgischen Facharztvorbereitung, Schweizerische Gesellschaft für Chirurgie, 04. April 2019, Stadtspital Triemli
- Oh my god a foreign body, 106. Jahreskongress SGC, Schweizerische Gesellschaft für Chirurgie, 16. Mai 2019, Bern
- SGG-SGVC-Joint Session: Prize winner/surgery in cirrhotic patients am Jahreskongress SGG-SGVC-SASL, 12. September 2019, Interlaken
- Proktologie (Analfissur, Hämorrhoiden, Proktitis), Bachelor in Medizin an der ETH, Blockkurs Ernährung und Verdauung, 14. November 2019, Zürich

Kongress-/Kursorganisation und Prüfungsexperte

■ Nocito A.

- Teilnahme als Examinator: EBSQ Examination in Coloproctology, U.E.M.S. Union Européenne Des Médecins Spécialistes, am 45. Deutschen Koloproktologenkongress, 15. März 2019, München
- Vorsitz am 106. Jahreskongress der Schweizerischen Gesellschaft für Chirurgie SGC, 15. – 17. Mai 2019, Bern
- Vorstand SGG-SGVC Annual meeting 2019 of the Swiss Society for Visceral Surgery, 12. – 13. September 2019, Interlaken
- Hauptexperte Schwerpunktprüfung, Swiss Visceral Surgeons SGVC, 25. Oktober 2019, Olten
- Hauptexperte Schwerpunktprüfung, Swiss Visceral Surgeons SGVC, 15. November 2019, Winterthur

Abteilung Gefässzentrum/Angiologie

Publikationen 2019

Original article: Clemens RK, Annema W, Baumann F, Roth-Zetzsche S, Seifert B, von Eckardstein A, Amann-Vesti BR. Cardiac biomarkers but not measures of vascular atherosclerosis predict mortality in patients with peripheral artery disease. Clin Chim Acta. 2019; 11;495:215-220. Impact factor 2.9

A B S T R A C T

Background: Peripheral artery disease (PAD) becomes more prevalent with advancing age and is associated with elevated risk of cardiovascular events and shortened life expectancy. We investigated the prognostic performance of cardiac and vascular biomarkers in a cohort of PAD patients.

Methods: A total of 95 PAD patients were enrolled (mean age 68 years, range 47 to 86 years, 73 males). Carotid intima-media thickness (cIMT), ankle brachial index (ABI), high sensitive cardiac troponin T, and N-terminal pro-B-type Natriuretic Peptide (NT-proBNP) were measured.

Results: During a median follow-up time of 9.5 years, 44 patients died and 51 patients survived. Upon Kaplan-Meier survival analysis hs-cTnT ($P < .001$) or NT-proBNP levels ($P < .001$) above the median but not cIMT above the median ($P=.488$) or ABI below the median ($P < .436$) were associated with reduced survival rate.

Upon univariate cox regression and after adjustment for age, gender, prior cerebral artery disease, and diabetes mellitus only the association between hs-cTnT and mortality remained significant (HR 1.93, 95% CI 1.33–2.79, $P < .001$). In receiver operating curve analysis hs-cTnT (area under the curve [AUC]: 0.77, 95% CI: 0.67–0.87, $P < .001$) NT-proBNP (AUC: 0.74, 95% CI: 0.64–0.84, $P < .001$) as well as hs-cTnT, and NT-proBNP combined (AUC: 0.79, 95% CI: 0.69–0.88, $P < .001$) were superior to cIMT (AUC: 0.64, 95%, CI: 0.53–0.76, $P=.022$) and ABI (AUC: 0.57, 95% CI: 0.44–0.68, $P=.313$) in discriminating risk for mortality.

Conclusion: hs-cTnT and NT-proBNP should be taken into account for prognosis of patients with PAD.

Given talks/courses:

USZ, Zürich, Venensymposium 06/19 “Reisethrombose”

Leipzig Dreiländertagung Ultraschall 2019 Leipzig 10/19 “Seltene Venenerkrankungen”

KSA, USGG Grundkurs, Sektion Gefässe 11/19 “Abdominelle Gefässe pathologisch”

Klinik für Orthopädie und Traumatologie

Originalartikel

■ Lenz CG, Niehaus R, Knych I, Eid K, Borbas P:

- Scarf osteotomy for hallux valgus deformity: Radiological outcome, metatarsal length and early complications in 118 feet.
- Foot Ankle Surg. 2020 Jan 9. pii: S1268-7731(20)30004-7. doi: 10.1016/j.fas.2020.01.002. Epub ahead of print.

■ Heesen M, Hilber N, Eid K, Rijs K, Klimek M, Aloweidi A, Rossaint R.:

- The sum of all parts – a reply.
- Anaesthesia. 2019 Dec; 74(12):1618-1619. doi: 10.1111/anae.14825. No abstract available.

■ Heesen M, Rijs K, Hilber N, Eid K, Al-Oweidi A, Rossaint R, Klimek M.:

- Effect of intravenous dexamethasone on postoperative pain after spinal anaesthesia – a systematic review with meta-analysis and trial sequential analysis.
- Anaesthesia. 2019 Aug; 74(8):1047-1056. doi: 10.1111/anae.14666. Epub 2019 May 6.

■ Borbas P, Agten CA, Roskopf AB, Hingsammer A, Eid K, Ramseier LE.:

- Guided growth with tension band plate or definitive epiphysiodesis for treatment of limb length discrepancy?
- J Orthop Surg Res. 2019 Apr 11;14(1):99. doi: 10.1186/s13018-019-1139-4.

■ Kaniewska M, Schenkel M, Eid K, Bühler T, Kubik-Huch RA, Anderson SE.:

- Anatomy-based MRI assessment of the iliopsoas muscle complex after pertrochanteric femoral fracture.
- Skeletal Radiol. 2019 Mar; 48(3):421. doi: 10.1007/s00256-018-3048-8. Epub 2018 Sep 3.

■ Kaniewska M, de Beus JM, Ahlhelm F, Mameghani A, Eid K, Kubik-Huch RA, Anderson SE.:

- Whole spine localizers of magnetic resonance imaging detect unexpected vertebral fractures.
- Acta Radiol. 2019 Jun; 60(6):742-748. doi: 10.1177/0284185118796673. Epub 2018 Aug 24.

■ Berger F, Ebert LC, Kubik-Huch RA, Eid K, Thali MJ, Niemann T.:

- Application of Cinematic Rendering in Clinical Routine CT Examination of Ankle Sprains.
- AJR Am J Roentgenol. 2018 Oct; 211(4):887-890. doi: 10.2214/AJR.1718630. Epub 2018 Aug 14.

■ Paul Borbas, Karim Eid, Eugene T Ek, Georg Feigl:

- Innervation of the acromioclavicular joint by the suprascapular nerve.
- Shoulder & Elbow 0(0) 1-6 doi: 10.1177/1758573219851005

■ Paul Borbas, Karim Eid, Eugene T Ek, Matthew Ricks, Georg Feigl, Julian M Jeserschek:

- A cadaveric study of the three different palpation-guided techniques for glenohumeral joint injections.
- Shoulder & Elbow 0(0) 1-5 doi: 10.1177/1758573219869332