

Aktuelles Publikationsverzeichnis

Dr. Sebastian Geis:

Originalarbeiten und Übersichtsarbeiten: (1-20)

1. Geis S, Babilas P, Schreml S, Angele P, Nerlich M, Jung EM, et al. Transcutaneous pO₂ measurement during tourniquet-induced venous occlusion using dynamic phosphorescence imaging. *Clin Hemorheol Microcirc.* 2008;40(4):249-58.
2. Prantl L, Schmitt S, Geis S, Tsui TY, Lamby P, Nerlich M, et al. Contrast harmonic ultrasound and indocyanine-green fluorescence video angiography for evaluation of dermal and subdermal microcirculation in free parascapular flaps. *Clin Hemorheol Microcirc.* 2008;38(2):105-18.
3. Geis S, Schreml S, Lamby P, Obed A, Jung EM, Nerlich M, et al. Postoperative assessment of free skin flap viability by transcutaneous pO₂ measurement using dynamic phosphorescence imaging. *Clin Hemorheol Microcirc.* 2009;43(1-2):11-8.
4. Gehmert S, Geis S, Lamby P, Roll C, Braumandl U, Hidayat M, et al. Evaluation of hyperbaric oxygen therapy for free flaps using planar optical oxygen sensors. Preliminary results. *Clin Hemorheol Microcirc.* 2011;48(1):75-9.
5. Geis S, Prantl L, Gehmert S, Lamby P, Nerlich M, Angele P, et al. TTP (time to PEAK) and RBV (regional blood volume) as valuable parameters to detect early flap failure. *Clin Hemorheol Microcirc.* 2011;48(1):81-94.
6. Lamby P, Prantl L, Fellner C, Geis S, Jung EM. Post-operative monitoring of tissue transfers: advantages using contrast enhanced ultrasound (CEUS) and contrast enhanced MRI (ceMRI) with dynamic perfusion analysis? *Clin Hemorheol Microcirc.* 2011;48(1):105-17.
7. Prantl L, Pfeifer C, Geis S, Gosau M, Jung EM. Osteocutaneous free flaps: a critical analysis of quantitative evaluation of bone microcirculation with contrast-enhanced high resolution ultrasound (hrCEUS) and TIC analysis. *Clin Hemorheol Microcirc.* 2011;49(1-4):251-9.
8. Geis S, Gehmert S, Lamby P, Zellner J, Pfeifer C, Prantl L, et al. Contrast enhanced ultrasound (CEUS) and time intensity curve (TIC) analysis in compartment syndrome: first results. *Clin Hemorheol Microcirc.* 2012;50(1-2):1-11.
9. Geis S, Prantl L, Dolderer J, Lamby P, Mueller S, Jung EM. Postoperative monitoring of local and free flaps with contrast-enhanced ultrasound (CEUS)--analysis of 112 patients. *Ultraschall Med.* 2013;34(6):550-8.
10. Geis S, Prantl L, Mueller S, Gosau M, Lamby P, Jung EM. Quantitative assessment of bone microvascularization after osteocutaneous flap transplantation using contrast-enhanced ultrasound (CEUS). *Ultraschall Med.* 2013;34(3):272-9.
11. Meier JK, Prantl L, Geis S, Mueller S, Hullmann M, Liebsch G, et al. Luminescence ratiometric oxygen imaging (LROI) in microvascular anastomosed fibular and radial forearm flaps. *Clin Hemorheol Microcirc.* 2013;55(1):169-82.
12. Zellner J, Hierl K, Mueller M, Pfeifer C, Berner A, Dienstknecht T, et al. Stem cell-based tissue-engineering for treatment of meniscal tears in the avascular zone. *J Biomed Mater Res B Appl Biomater.* 2013;101(7):1133-42.
13. Klein SM, Prantl L, Geis S, Eisenmann-Klein M, Dolderer J, Felthaus O, et al. Pressure monitoring during lipofilling procedures. *Clin Hemorheol Microcirc.* 2014;58(1):9-17.

14. Geis S, Klein S, Prantl L, Dolderer J, Lamby P, Jung EM. Quantitative Assessment of Free Flap Viability with CEUS Using an Integrated Perfusion Software. *Handchir Mikrochir Plast Chir.* 2015;47(6):389-95.
15. Geis S, Prantl L, Schoeneich M, Lamby P, Klein S, Dolderer J, et al. Contrast enhanced ultrasound (CEUS) - an unique monitoring technique to assess microvascularization after buried flap transplantation. *Clin Hemorheol Microcirc.* 2015;62(3):205-14.
16. Klein SM, Prantl L, Koller M, Vykoukal J, Dolderer JH, Graf S, et al. Evidence based postoperative treatment of distal radius fractures following internal locking plate fixation. *Acta Chir Orthop Traumatol Cech.* 2015;82(1):33-40.
17. Klein SM, Wachter K, Koller M, Vykoukal J, Geis S, Dolderer JH, et al. Long-term results after modified Epping procedure for trapeziometacarpal osteoarthritis. *Arch Orthop Trauma Surg.* 2015;135(10):1475-84.
18. Prantl L, Geis S, Lamby P, Jung EM. Recommendations for contrast enhanced ultrasound (CEUS) in free tissue transplant monitoring. *Clin Hemorheol Microcirc.* 2015;61(2):359-65.
19. Prantl L, Klein S, Geis S, Dolderer J, Koller M, Nerlich M, et al. Duration of Immobilization to Be Factored in. *Dtsch Arztebl Int.* 2015;112(27-28):486.
20. Geis S, Ried M, Potzger T, Neu R, Klein S, Prantl L, et al. [Surgical reconstructive procedures of the chest wall after mediastinitis]. *Chirurg.* 2016.

Buchartikel: (21)

Prantl L, Geis S, Jung E. Neue Anwendungen in der Plastischen Chirurgie. In: Stiegler H, Kubale R, Wedkott H, editors. *Farbkodierte Duplexsonographie. 2: Thieme Verlag; 2015.* p. 494-505.