



Dominic Henn

Contact

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Publications (10)

Henn D, Fischer K, Chen K, Greco A, Martin R, Sivaraj D, Trotsyuk A, Mao H, Reddy S, Kneser U, Gurtner G, Schmidt V, Sacks J. Enrichment of Nanofiber Hydrogel Composite with Fractionated Fat Promotes Regenerative Macrophage Polarization and Vascularization for Soft-Tissue Engineering. *Plast Reconstr Surg* 2022; 149:433e-444e.

Henn D, Abu-Halima M, Kahraman M, Falkner F, Fischer K, Barrera J, Chen K, Gurtner G, Keller A, Kneser U, Meese E, Schmidt V. A multivariable miRNA signature delineates the systemic hemodynamic impact of arteriovenous shunt placement in a pilot study. *Sci Rep* 2020; 10:21809.

Henn D, Chen K, Fischer K, Rauh A, Barrera J, Kim Y, Martin R, Hannig M, Niedoba P, Reddy S, Mao H, Kneser U, Gurtner G, Sacks J, Schmidt V. Tissue Engineering of Axially Vascularized Soft-Tissue Flaps with a Poly-(ϵ -Caprolactone) Nanofiber-Hydrogel Composite. *Adv Wound Care (New Rochelle)* 2020; 9:365-377.

Henn D, Wähmann M, Horsch M, Hetjens S, Kremer T, Gazyakan E, Hirche C, Schmidt V, Germann G, Kneser U. One-Stage versus Two-Stage Arteriovenous Loop Reconstructions: An Experience on 103 Cases from a Single Center. *Plast Reconstr Surg* 2019; 143:912-924.

Henn D, Bigdeli A, Horsch M, Weiß C, Kühner C, Hirche C, Schmidt V, Kneser U. Venous bypass grafts versus arteriovenous loops as recipient vessels for microvascular anastomosis in lower extremity reconstructions: A matched-pair analysis. *Microsurgery* 2019; 40:12-18.

Henn D, Abu-Halima M, Wermke D, Falkner F, Thomas B, Köppl C, Ludwig N, Schulte M, Brockmann M, Kim Y, Sacks J, Kneser U, Keller A, Meese E, Schmidt V. MicroRNA-regulated pathways of flow-stimulated angiogenesis and vascular remodeling in vivo. *J Transl Med* 2019; 17:22.

Henn D, Abu-Halima M, Falkner F, Wermke D, Meme L, Kühner C, Keller A, Kneser U, Meese E, Schmidt V. Micro-RNA-Regulated Proangiogenic Signaling in Arteriovenous Loops in Patients with Combined Vascular and Soft-Tissue Reconstructions: Revisiting the Nutrient Flap Concept. *Plast Reconstr Surg* 2018; 142:489e-502e.

Schmidt V, Wietbrock J, Leibig N, Hernekamp J, Henn D, Radu C, Kneser U. Haemodynamically stimulated and in vivo generated axially vascularized soft-tissue free flaps for closure of complex defects: Evaluation in a small animal model. *J Tissue Eng Regen Med* 2017; 12:622-632.

Henn D, Abouarab M, Hirche C, Hernekamp J, Schmidt V, Kneser U, Kremer T. Sequential chimeric medial femoral condyle and anterolateral thigh flow-through flaps for one-stage reconstructions of composite bone and soft tissue defects: Report of three cases. *Microsurgery* 2017; 37:824-830.

Schmidt V, Wietbrock J, Leibig N, Gloe T, Henn D, Hernekamp J, Harhaus L, Kneser U. Collagen-Elastin and Collagen-Glycosaminoglycan Scaffolds Promote Distinct Patterns of Matrix Maturation and Axial Vascularization in Arteriovenous Loop-Based Soft Tissue Flaps. *Ann Plast Surg* 2017; 79:92-100.

Projects (0)

No results found.

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch