Quantitative Analysis of Peripheral Tissue Perfusion Using...
https://journals.jove.org/public/article?id=1371/journal.jove.0030479
Jan 28, 2009 First, quantitative measurement of tissue perfusion can offer an individualized comparative analysis of tissue perfusion. Second, the highly sensitive and quantitative measurement of perfusion can be used to evaluate disseminate ischemic (distilled) caused in control and experimental groups, which could lessen data distortions and decrease the variability of the experimental results.
Cited by: 62 Authors: Yulong Kang, Myunghee Oh, Jungsoo Lee...
Published Year: 2009

(PDF) Quantitative Analysis of Peripheral Tissue Perfusion...
https://www.medrxiv.org/content/10.1101/2020.06.05.20120861
Accurate measurement of peripheral tissue perfusion is challenging, but necessary to diagnose peripheral vascular insufficiency. Because near infrared (NIR) light can penetrate relatively deep...
Quantitative evaluation of postintervention foot blood...
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PDF
Sep 1, 2020 PerfusionCT is a feasible and reproducible approach for quantifying blood supply in patients with PAD. The increase of blood flow, MBF, and MTT after removing supply blood supply improvement after revascularization in both native perfusion and tissues perfusion. In addition, TTP may be a sensitive indicator of blood supply changes in tissue perfusion.
Cited by: 2 Authors: Ming Li, Zhang Li, Piao Bo, Guang Jin, L.Ll...
Published Year: 2020

Guidelines and Recommendations for Perfusion Imaging in...
Quantitative evaluation of postintervention foot blood
Sep 11, 2020  Perfusion CT is a feasible and repeatable approach for quantifying blood supply in patients with PAD. The increase of blood flow, MIP, and MTT shortening suggest blood supply improvement after revascularization in both arterial perfusion and tissue perfusion. In addition, TTP may be a sensitive indicator of blood supply changes in tissue perfusion.
Cited by: 2  Author: Ming Li, Zheng Li, Pan Gao, Liang Jin, Li ...
Publish Year: 2020  Age, years (median): 65.5 ± 6.2 (66)

Quantitative Analysis of Peripheral Tissue Perfusion Using ...
https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0004275
Jun 25, 2009  Background Accurate measurement of peripheral tissue perfusion is challenging bu
Name of Journal: World Journal of Cardiology
Manuscript No: 6566
Manuscript Type: MINIREVIEWS

Quantifying tissue perfusion after peripheral endovascular procedures. Novel tissue perfusion endpoints to improve outcomes.

Nikolaos-Achilleas Arkoudis, Konstantinos Katzanos, Riccardo Inchingolo, Ioannis Paraskevopoulos, Martin Marlayen, Stavros Spiliopoulos

Abstract
Peripheral artery disease (PAD) is a flow-limiting condition caused by narrowing of the...
Quantitative Analysis of Peripheral Tissue Perfusion Using...
https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0004275
Jan 26, 2009 - Background: Accurate measurement of peripheral tissue perfusion is challenging but necessary to diagnose peripheral vascular insufficiency. Because near-infrared (NIR) radiation can penetrate relatively deep into tissue, significant attention has been given to intravital NIR fluorescence imaging. Methodology/Principal Findings: We developed a new optical imaging-based strategy for...
Cited by: 59  Author: Yujung Kang, Myung-Hwan Choi, Jung-Sul...
Publish Year: 2009  Estimated Reading Time: 10 mins

Quantitative evaluation of postintervention foot blood...
Sep 01, 2020 - Perfusion CT is a feasible and repeatable approach for quantifying blood supply in patients with PAD. The increase of blood flow, MSl, and MTT shortening suggest blood supply improvement after revascularization in both arterial perfusion and tissue perfusion. In addition, TTP may be a sensitive indicator of blood supply changes in tissue perfusion.
Cited by: 2  Author: Ming Li, Zheng Li, Pan Gao, Liang Jin, Li...
Publish Year: 2020  Age, years (median): 66.9 ± 6.3 (68)

Percutaneous intervention in peripheral artery disease...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3306608
The tissue perfusion index was measured by dividing the tissue perfusion by the arterial input in order to measure local calf microvascular blood flow. The tissue perfusion index is a measure of local calf muscle microvascular blood flow as it is indexed to the nearby arterial input.
Cited by: 17  Author: Amy M West, Justin A Anderson, Freden...
Publish Year: 2012

Perfusion Assessment in Critical Limb Ischemia: Principles...
https://www.ahajournals.org/doi/full/10.1161/CIR.0000000000000708
Direct assessment of skin perfusion can be performed with fluorescent imaging of indocyanine green (ICG) and application of various transit rate functions, as well as indirectly by postocclusive skin perfusion pressure. Techniques have also been developed that are able to quantify limb skeletal muscle perfusion with kinetic modeling of contrast-enhanced magnetic resonance, contrast-enhanced ultrasound, or radionuclide imaging. Perfusion...