解析ソフト関係論文

イギリスKK Technology社製。欧州ではスコープとで医療機器になっているソフトをTOKU Capillaro用にカスタマイズ ライセンス契約。

血流に関する臨床試験で、有意差がでなかった検証も、

毛細血管(7ミクロン領域)ならハッキリ可能。デモにお伺いしております。お気軽にお問合せ下さい。

- 1 Variability in sublingual microvessel density and flow measurements in healthy volunteers. Microcirculation, 16(2), 183-191, 2009
- 2 Beneficial microvascular and anti-inflammatory effects of pravastatin during sepsis involve nitric oxide synthase?. British journal of anaesthesia,2010
- 3 Effect of modest salt reduction on skin capillary rarefaction in white, black, and asian individuals with mild hypertension. Hypertension, 2010
- 4 Microvascular endothelial cell responses in vitro and in vivo. Modulation by zoledronic acid and paclitaxel. Journal of vascular research,2010
- 5 Low birth weight infants do not have capillary rarefaction at birth. Implications for early life influence on microcirculation. Hypertension, 2011
- 6 ROCK induced inflammation of the microcirculation during endotoxemia mediated by nitric oxide synthase Microvascular. Research, 2011
- 7 Capillary remodeling in infants born to hypertensive pregnancy. pilot study.American journal of hypertension,25(8),848-853,2012
- 8 Capillary remodelling in normal pregnancy. Can it mediate the progressive but reversible rise in blood pressure.
- Novel insights into cardiovasucular adaptation in pregnancy. Pregnancy hypertension: an International Journal of Womens Cardiiovascular Health, 2012
- 9 Evaluation of fluorescent plasma markers for in vivo microscopy of the microcirculation. Journal of vascular research, 49(2), 132-143, 2012.
- 🔟 Immediate effects of monochromatic infrared energy on microcirculation in healthy subjects.Photomedicine and Laser Surgery, 30(4), 193-199, 2012
- ① Structural Capillary Rarefaction and the Onset of Preeclampsia.(2012)
- 😰 The association Between skin blood flow and edema on epidermal thickness in the diabetic foot.Diabetes Technology & Therapeutics,2012.
- (B) An evaluation of five different dressing materials on split-thickness skin graft donor site and full-thickness cutaneous wounds. an experimental study, International Wound journal, Mak, M, C, & G, L, 2013
- [4] Extracorporeal membrane oxygenation preserves the microcirculation in neonates with severe respiratory failure. CHILDREN:63.2013 MICROCIRCULATION IN CRITICALLY ILL
- 📵 Microcirculatory changes in term newborns with suspected infection. An observational prospective study.International Journal of pediatrics.2013
- (b) Microvascular remodelling in preeclampsia. quantifying capillary rarefaction accurately and independently predicts preeclampsia.

 American Journal of Hypertension, 2013.
- To Non-invasive detection of microvascular changes in a paediatric and adolescent population with type 1 diabetes: a pilot cross-sectional study.

 BMC Endocr Disord (2013)
- 8 Semi-automatic assessment of skin capillary density. Proof of principle and validation. Microvascular Research 90 (2013) 192-198
- 19 The nociception/orphanin fq receptor antagonist ufp-101 reduces microvascular inflammation to lipopolysaccharide in vivo.RLOS ONE, 2013
- 20 The relationship between 30-year developmental patterns of body fat and body fat distribution and its vascular properties: the amsterdam growth and health longitudinal study...Study Microcirculation, 19(3), 273-279, 2013
- 21 Accumulation of microvascular target organ damage in newly diagnosed hypertensive patients. Journal of the American Society of Hypertension (2014)
- 22 An evaluation of five different dressing materials on split-thickness skin graft donor site and full-thickness cutaneous wounds: an experimental studylut Wound j. .11(1):85-92. 2014
- 23 Connective tissue growth factor is involved in structural retinal vascular changes in long-term experimental diabetes...J. Histochem. Cytochem..2014.
- 💋 Functional and structural abnormalities of the skin microcirculation in hemodialysis patients. The Egyptian Journal of Internal Medicine,2014
- 🕮 Microvascular imaging: techniques and opportunities for clinical physiological measurements.Physiol Meas.35(7):R91-R141,2014
- 🚳 Skin capillary density in infants born to normotensive mothers: a comparison between singleton and twin infants.Microcirculation,21(1):67-73, 2014
- 27 Sublingual microcirculation in pulmonary arterial hypertension. Ann Am Thorac Soc,11(4):504-12,2014
- 28 The structural and functional abnormalities in the skin microcirculation of egyptian patients with long standing diabetes... International Journal of Academic Research,6(5),2014
- 20 Atorvastatin reduces endotoxin-induced microvascular inflammation via nosii. Naunyn-Schmiedebergs archives of pharmacology, 2015
- 쥀 Digital ulcers in systemic sclerosis: role of flow-mediated dilatation and capillaroscopy as risk assessment tools digital ulcers in patients with systemic
- 3 Glp-1 receptor agonist exenatide increases capillary perfusion independent of nitric oxide in healthy overweight men. Arteriosclerosis, thrombosis, and vascular biology. 115, 2015
- 32 Microcirculation in meningococcal septic shock.MICROCIRCULATION IN CRITICALLY ILL CHILDREN:35, 2015.
- 33 Modem scientific explanation of traditional acupuncture theory. Acupuncture: theories and evidence. European Geriatric Medicine, 2015
- 34 Orthogonal_polarization_spectroscopy_to_20151029-25669-r97qhr.
- 35 Pulsed electromagnetic field therapy promotes healing and microcirculation of chronic diabetic foot ulcers: a pilot study, Advances in skin & wound care, 28(5):212-219,2015
- 86 Role of permissive hypotension, hypertonic resuscitation and the global increased permeability syndrome in patients with severe hemorrhage: adjuncts to damage control resuscitation to prevent intra-abdominal hypertension...Anaesthesiol intensive Ther, 47(2):143-55...2015
- 👣 The role of genetically modified mesenchymal stem cells in urinary bladder regeneration. PLoS ONE, 10(9):e0138643,2015
- 38 The skin microcirculatory changes in the normal and hypertensive elderly. European Geriatric Medicine; 6(1): 7-10, (2015)
- 39 Tumour microcirculation a target for aminolaevulinic acid based photodynamic therapy. PLoS ONE,10(9):e0138643.2015
- (1) Type 2 diabetes mellitus and hyperglycaemia are associated with microvascular dysfunction: the Maastricht study. MICROVASCULAR DYSFUNCTION AND DIABETES:A VICIOUS CYCLE 2015
- (I) Uric acid and skin microvascular function: the maastricht study. Journal of hypertensionb, 33(8):1651-1657,2015
- 42 A guide to human in vivo microcirculatory flow image analysis...Crit Care, 20:35, 2016

- (B) Capillary rarefaction associates with albuminria. The maastricht study. CLINICAL EPIDEMIOLOGY (2016)
- 4 Orthogonal_polarization_spectral_imaging20160204-2570-1sof712.
- (b) Quantification of differences between nailfold capillaroscopy image with a scleroderma pattern and normal pattern using measures of geometric and algorithmic complexity. Physiological measurement, 38(2):-32, 2016
- 🕧 Relation of nailfold capillaries and autoantibodies to mortality in patients with raynaud phenomenon.. Circulation, 133(5):509-17, 2016
- (7) Assessing gingival capillary density variability using sidestream dark field imaging. (2017)
- 🚯 Automated measurement of microvascular function reveals dysfunction in systemic sclerosis: a cross-sectional study. J Rheumatol. 2017
- (1) Effects of candesartan versus amlodipine on capillary rarefaction, pulse wave velocity. And central blood pressure in patients with essential hypertension. Journal of Non Invasive Vascular Investigation, 2017.
- 🔕 Endothelial dysfunction. Microvascular damage and ischemic peripheral vasculopathy in systemic sclerosis. Clinical Hemorheology and Microcirculation(Preprint):1-14,2017.
- 📵 Lntra-and inter-observer reliability of nailfold videocapillaroscopy-a possible outcome measure for systemic sclerosis-related microangiopathy. Microvascular Research, 112:1-6, 2017
- 🔂 Quantitative outcome measures for systemic sclerosis-related microangiopathy-reliability of image acquisition in nailfold capillaroscopy. Microvascular Research,113:56-59, 2017
- 63 Microvascular dysfunction in COVID-19: the MYSTIC study(2021)
- 🚮 Nitroglycerin Improves Microcirculation During and After Cardiopulmonary Resuscitation in a Porcine Model of Cardiac Arrest(2017)
- 55 Sublingual functional capillary rarefaction in chronic heart failure(2017)
- 弱 Compliance with dietary guidelines affects capillary recruitment in healthy middle-aged men and women. Eur J Nutr (2017) 56:1037–1044
- 67 Chronic inflammation predicts long-term mortality in patients with Raynaud's phenomenon(2017)
- 58 Advanced age results in a diminished endothelial glycocalyx(2018)
- 🔞 In vivo assessment of the human cerebral microcirculation and its glycocalyx: A technical report(2018)
- 🔞 Bedside analysis of the sublingual microvascular glycocalyx in the emergency room and intensive care unit the GlycoNurse study(2018)
- (ii) The effect of low molecular weight heparin on salvaging the zone of stasis in an experimental burn model (2018)
- 62 Vascular Leaking, a Pivotal and Early Pathogenetic Event in Systemic Sclerosis: Should the Door Be Closed?(2018)
- 🔞 Sidestream Dark Field (SDF) imaging of oral microcirculation in the assessment of systemic sclerosis(2019)
- 64 A descriptive account of sequential nailfold capillaroscopy in scleroderma(2019)
- 65 Microcirculation in cardiovascular diseases(2019)
- 🔞 Early Life Microcirculatory Plasticity and Blood Pressure Changes in Low Birth Weight Infants Born to Normotensive Mothers: A Cohort Study(2019)
- 67 Association of sublingual microcirculation parameters and endothelial glycocalyx dimensions in resuscitated sepsis(2019)
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- 夜 Microcirculatory perfusion disturbances following cardiac surgery with cardiopulmonary bypass are associated with in vitro endothelial hyperpermeability and increased angiopoietin-2 levels(2019)
- 🔞 Sodium Reduction, Metabolomic Profiling, and Cardiovascular Disease Risk in Untreated Black Hypertensives(2019)
- 74 Effects of PEGylation on capture of dextran-coated magnetic nanoparticles in microcirculation(2019)
- 75 Effects of high-intensity interval training on microvascular glycocalyx and associated microRNAs. Am J Physiol Heart Circ Physiol 316: H1538-H1551, 2019.
- 7 MicroTools enables automated quantification of capillary density and red blood cell velocity in handheld vital microscopy (2019)
- 🕡 Oxygen therapy in premature low birth weight infants is associated with capillary loss and increases in blood pressure: a pilot study(2020)
- 78 In vivo demonstration of microvascular thrombosis in severe COVID-19(2020)
- 🔞 Assessment of the sublingual microcirculation with the GlycoCheck system: Reproducibility and examination conditions(2020)
- 80 Variability of Microcirculatory Measurements in Critically Ill Patients (2020)
- 8) Decreased endothelial glycocalyx thickness is an early predictor of mortality in sepsis(2020)
- 😰 Microvascular Phenotyping in the Maastricht Study: Design and Main Findings, 2010–2018. American Journal of Epidemiology, Volume 189, Issue 9, September 2020, Pages 873-884.
- 83 Microcirculatory Monitoring to Assess Cardiopulmonary Status(2021)
- 🚯 Endothelial glycocalyx damage in kidney disease correlates with uraemic toxins and endothelial dysfunction(2021)
- 🚯 Immediate effects of whole blood donation on the endothelial surface layer and glycocalyx shedding(2021)
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- 88 Endothelial glycocalyx and cardio-renal risk factors in type 1 diabetes(2021)
- 89 Effects of Therapeutic Plasma Exchange on the Endothelial Glycocalyx in Septic Shock(2021)
- 90 Goshajinkigan increases peripheral capillary diameter in non-diabetic and diabetic mice(2021)
- 1 Microcirculatory and Metabolic Responses during Voluntary Cycle Ergometer Exercise with a Whole-Body Neuromuscular Electrical Stimulation Device(2021)
- 😰 Identification of venular capillary remodelling: a possible link to the development of periodontitis?(2022)

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