

Coronary Circulation

[View the current Coronary Circulation InDepth page on BioPortfolio.com \(PDF\)](#)

(http://www.bioportfolio.com/indepth/Coronary_Circulation.html) - Regularly Updated.



Recent Publications on Coronary Circulation:

- [The J-curve between blood pressure and coronary artery disease or essential hypertension: exactly how essential?](#)
The topic of the J-curve relationship between blood pressure and coronary... 7th November, 2009
Division of Cardiology, St. Luke's-Roosevelt Hospital Center, Columbia- *J Am Coll Cardiol.* 2009 Nov 10;54(20):1827-34. ([DOI Direct Link](#))
- [Major depression and coronary flow reserve detected by positron emission tomography.](#)
BACKGROUND: Major depressive disorder (MDD) is associated with coronary... 5th November, 2009
Division of Cardiology, Department of Medicine, Emory University School of- *Arch Intern Med.* 2009 Oct 12;169(18):1668-76. ([DOI Direct Link](#))
- [Noninvasive assessment of myocardial perfusion.](#)
AbstractRenal artery stenosis may cause or exacerbate hypertension and... 29th October, 2009
University of Virginia Health System, Charlottesville, VA 22908, USA.- *Circ Cardiovasc Imaging.* 2009 Sep;2(5):412-24. ([DOI Direct Link](#))
- [Choice of conduit for the right coronary system: 8-year analysis of Radial Artery Patency and Clinical Outcomes trial.](#)
BACKGROUND: Previous reports have supported the use of bilateral internal... 27th October, 2009
University of Melbourne Medical School, Parkville, Australia.- *Ann Thorac Surg.* 2009 Nov;88(5):1404-9. ([DOI Direct Link](#))
- [Integration of infarct size, tissue perfusion, and metabolism by hybrid cardiac positron emission tomography/computed tomography: evaluation in a porcine model of myocardial infarction.](#)
BACKGROUND: Hybrid positron emission tomography/computed tomography... 27th October, 2009
Department of Radiology, Johns Hopkins Medical Institutions, Baltimore, MD- *Circ Cardiovasc Imaging.* 2009 Jul;2(4):299-305. Epub 2009 May 15. ([DOI Direct Link](#))
- [Cardiovascular images. A novel real-time fluorescent optical imaging system in mouse heart: a powerful tool for studying coronary circulation and cardiac function.](#)
BACKGROUND: Hybrid positron emission tomography/computed tomography... 27th October, 2009
Division of Biomedical Engineering, Research Institute, National Defense- *Circ Cardiovasc Imaging.* 2009 May;2(3):277-8. ([DOI Direct Link](#))
- [Cardiovascular images. Bland-White-Garland syndrome discovered in an elderly man.](#)
BACKGROUND: Hybrid positron emission tomography/computed tomography... 27th October, 2009
Cardio-Thoracic-Vascular Department, University Hospital S. Orsola,- *Circ Cardiovasc Imaging.* 2009 May;2(3):276. ([DOI Direct Link](#))
- [Sixty-four-slice multidetector computed tomography: an accurate imaging modality for the evaluation of](#)

[coronary arteries in dilated cardiomyopathy of unknown etiology.](#)

*BACKGROUND: The goal of this study was to assess the safety, feasibility,...*27th October, 2009
Centro Cardiologico Monzino, IRCCS, Institute of Cardiology, University of- Circ Cardiovasc Imaging.
2009 May;2(3):199-205. Epub 2009 Mar 24. ([DOI Direct Link](#))

- [Adenosine stress 64- and 256-row detector computed tomography angiography and perfusion imaging: a pilot study evaluating the transmural extent of perfusion abnormalities to predict atherosclerosis causing myocardial ischemia.](#)

*BACKGROUND: Multidetector computed tomography coronary angiography (CTA)...*27th October, 2009

Department of Medicine, Division of Cardiology, Johns Hopkins University- Circ Cardiovasc Imaging.
2009 May;2(3):174-82. Epub 2009 Mar 31. ([DOI Direct Link](#))

- [Anatomic and functional assessment of coronary artery disease: convergence of 2 aims in a single setting.](#)

*BACKGROUND: Multidetector computed tomography coronary angiography (CTA)...*27th October, 2009

- Circ Cardiovasc Imaging. 2009 May;2(3):163-5. ([DOI Direct Link](#))

- [A novel \(18\)F-labeled tracer for the quantification of myocardial blood flow and infarct size with positron-emission tomography: another way to avoid the need of an on-site cyclotron.](#)

*BACKGROUND: Multidetector computed tomography coronary angiography (CTA)...*21st October, 2009

- Circ Cardiovasc Imaging. 2009 Mar;2(2):75-6. ([DOI Direct Link](#))

- [Heart failure due to coronary fistulas from the right and left coronary circulation into the right atrium.](#)

*A patient with a history of hypertension presented with worsening...*17th October, 2009

Heart and Vascular Center, University of Virginia School of Medicine,- J Cardiovasc Med (Hagerstown).
2009 Oct 14. ([DOI Direct Link](#))

- [Chronic total occlusions in peripheral vasculature: techniques and devices.](#)

*Peripheral artery disease continues to increase in an ever-aging society...*10th October, 2009

Banner Estrella Medical Center, 9301 West Thomas Road, Phoenix, AZ 85037,- Expert Rev Cardiovasc Ther. 2009 Oct;7(10):1283-95. ([DOI Direct Link](#))

- [A Servo-controlled Canine Model of Stable Severe Ischemic Left Ventricular Failure.](#)

*Reversible left ventricular failure was produced in conscious dogs by...*9th October, 2009

Thorndike Memorial Laboratory and Harvard Medical Unit, Boston City- Cardiovasc Eng. 2009 Oct 8. ([DOI Direct Link](#))

- [Sirolimus-eluting stent placement for refractory renal artery in-stent restenosis: sustained patency and clinical benefit at 24 months.](#)

*AbstractRenal artery stenosis may cause or exacerbate hypertension and...*8th October, 2009

Division of Interventional Radiology, Mount Sinai School of- Vasc Med. 2009 Nov;14(4):361-4. ([DOI Direct Link](#))

BioNews Results for Coronary Circulation

- [Significantly Improved Vascular Complications Among Women Undergoing Percutaneous Coronary Intervention: A Rep](#)

Circulation: Cardiovascular Interventions: Oct 22 2009 9:13AM Matching: coronary circulation

- [Long-Term Follow-Up on a Large Cohort of 'Full-Metal Jacket' Percutaneous Coronary Intervention Procedures \[Or](#)

Circulation: Cardiovascular Interventions: Oct 22 2009 9:13AM Matching: coronary circulation

- [Clinical Significance of Echo Signal Attenuation on Intravascular Ultrasound in Patients With Coronary Artery](#)

Circulation: Cardiovascular Interventions: Oct 22 2009 9:13AM Matching: coronary circulation

- [Effect of Supersaturated Oxygen Delivery on Infarct Size After Percutaneous Coronary Intervention in Acute Myo](#)

Circulation: Cardiovascular Interventions: Oct 22 2009 9:14AM Matching: coronary circulation

Coronary Circulation Clinical Trials:



- [Endothelial and Metabolic Effects of Glucagon-Like Peptide-1 \(GLP-1\) in Coronary Circulation in Patients With Type 2 Diabetes Mellitus](#)

Coronary Circulation Patents:



- 7390789- [Thio-containing inhibitors of aminopeptidase P, and compositions thereof](#)
- 7454244- [System and method for measuring cross-sectional areas and pressure gradients in luminal organs](#)
- 7455812- [Method and apparatus for controlled reoxygenation](#)
- 7458929- [Implantable heart assist system and method of applying same](#)
- 7458980- [Devices and methods for preventing distal embolization using flow reversal in arteries having collateral blood flow](#)
- 7465766- [Hydroxyphenyl cross-linked macromolecular network and applications thereof](#)
- 7476196- [Device to permit offpump beating heart coronary bypass surgery](#)
- 7476199- [Device to permit offpump beating heart coronary bypass surgery](#)
- 7476234- [Transmyocardial revascularization system and method of use](#)
- 7481759- [Systems and methods for treatment of coronary artery disease](#)
- 7481799- [Delivery source of oxygen](#)
- 7452532- [Transluminal application of adult stem cells for body organ tissue repair](#)
- 7439331- [Inhibition of complement activation](#)
- 7425559- [Medicine containing pyrimidine derivative](#)
- 7396537- [Cell delivery patch for myocardial tissue engineering](#)
- 7398115- [Pulse oximetry relational alarm system for early recognition of instability and catastrophic occurrences](#)
- 7399596- [Method for predicting pregnancy-induced hypertension](#)
- 7404221- [Reciprocating movement platform for the external addition of pulses to the fluid channels of a subject](#)
- 7409240- [System and method for imaging myocardial infarction](#)
- 7414036- [Compounds useful as A.sub.3 adenosine receptor agonists](#)
- 7417038- [Methods of treating cachexia](#)

- 7419482- [Systems and methods for delivering agents into targeted tissue of a living being](#)
- 7419696- [Medical devices for delivering a therapeutic agent and method of preparation](#)
- 7422579- [Emboli protection devices and related methods of use](#)
- 7491385- [Nucleic acid constructs and cells, and methods utilizing same for modifying the electrophysiological function of excitable tissues](#)
- 7511019- [Method of treating coronary artery disease by administering FGF-4](#)
- 7572217- [System and method for providing cardiac support and promoting myocardial recovery](#)
- 7578828- [Methods and devices for placing a conduit in fluid communication with a target vessel](#)
- 7585839- [Medical uses of intercellular communication facilitating compounds](#)
- 7588531- [Implantable heart assist system and method of applying same](#)
- 7591778- [Implantable heart assist system and method of applying same](#)
- 7594900- [Systems and methods for delivering agents into targeted tissue of a living being](#)
- 7598092- [Methods, devices, systems and computer program products for stochastic, competitive, force-based analyte detection](#)
- 7598281- [Arylcycloalkyl-substituted alkanolic acid derivatives useful as peroxisome proliferator-activated receptor \(PPAR\) ligands for the treatment of hyperlipidemia and diabetes](#)
- 7604599- [Systems and methods for using dynamic vascular assessment to improve vascular stent placement, application, design and marketing](#)
- 7604612- [Emboli protection devices and related methods of use](#)
- 7569583- [Aryl-substituted polycyclic amines, method for the production thereof, and use thereof as a medicament](#)
- 7547674- [Methods and compositions for the repair and/or regeneration of damaged myocardium](#)
- 7541464- [7-azaindoles, pharmaceutical compositions and their therapeutic applications](#)
- 7512438- [Implantable system for monitoring the condition of the heart](#)
- 7513863- [Implantable heart assist system and method of applying same](#)
- 7514401- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 7517328- [Low frequency vibration assisted blood perfusion emergency system](#)
- 7524289- [Resolution optical and ultrasound devices for imaging and treatment of body lumens](#)
- 7524490- [Clusterin-mediated inhibition of apoptosis via stromal bone marrow cell delivery to a cardiac site](#)
- 7528155- [Indazole derivatives as inhibitors of hormone sensitive lipase](#)
- 7531511- [Method for inducing angiogenesis or vascular perfusion in the myocardium comprising administering FGF-2](#)
- 7538131- [2-{-3-'2-\(phenyl\)-oxazol-4-ylmethoxymethyl-cyclohexylmethoxy}-propionic acid derivatives useful as peroxisome proliferator-activated receptor \(PPAR\) ligands for the treatment of hyperlipidemia and diabetes](#)
- 7541333- [Angiogenically effective unit dose of FGF-2 and method of use](#)
- 7614997- [Implantable heart assist system and method of applying same](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

