

D-SPECT® PUBLICATIONS

Clinical Feasibility of Simultaneous Acquisition Rest 99mTc/Stress 201Tl Dual- Isotope Myocardial Perfusion SPECT with Semiconductor Camera

Ayano Makita, MD; Naoya Matsumoto, MD; Yasuyuki Suzuki, MD; Yusuke Hori, MD; Keiichiro Kuronuma, MD; Shunichi Yoda, MD; Shu Kasama, MD; Nobuo Iguchi, MD; Yasuhiro Suzuki; Atsushi Hirayama, MD
Circulation Journal Japan, On-Line, January 2016

Pitfalls and artifacts using the D-SPECT dedicated cardiac camera

Rayjanah Allie, BSc, Brian F. Hutton, PhD, Elizabeth Prvulovich, MD, Jamshed Bomanji, MBBS, MSc, PhD, Sofia Michopoulou, PhD, and Simona Ben-Haim, MD, DSc
JNC 2015 On-Line Sept. 2015

Quantitative high-efficiency cadmium-zinc-telluride SPECT with dedicated parallel-hole collimation system in obese patients: Results of a multi-center study

Ryo Nakazato, Piotr J. Slomka, Mathews Fish, Ronald G. Schwartz, Sean W. Hayes, Louise E. J. Thomson, John D. Friedman, Mark Lemley Jr., Maria L. Mackin, Benjamin Peterson, Arielle M. Schwarz, Jesse A. Doran, Guido Germano and Daniel S. Berman
JNC 2015 Vol 22 #2; 266-75

Can Advances in Nuclear Cardiology Hardware Overcome the Challenges of Imaging Obese Patients?

(Editorial to related article, JNC 2015 Vol 22 #2; 266-75)
Ron Blankstein
JNC 2015 Vol 22 #2; 276-78

The effect of object size on the sensitivity of single photon emission computed tomography: comparison of two CZT cardiac cameras and an Anger scintillation camera

Elazar A Bienenstock and Marguerite Ennis
EJNMMI Physics (2014) 1:102

Dynamic SPECT: evolution of a widely available tool for the assessment of coronary flow reserve (Editorial)

Simona Ben-Haim, Denis Agostini
Eur J Nucl Med Mol Imaging, October 2014

Comparison of Image Quality, Myocardial Perfusion, and Left Ventricular Function Between Standard Imaging and Single-Injection Ultra-Low-Dose Imaging Using a High-Efficiency SPECT Camera: The MILLISIEVERT Study

Andrew J. Einstein, Ron Blankstein, Howard Andrews, Mathews Fish, Richard Padgett, Sean W. Hayes, John D. Friedman, Mehreen Qureshi, Harivony Rakotoarivelo, Piotr Slomka, Ryo Nakazato, Sabahat Bokhari, Marcello Di Carli, and Daniel S. Berman
J Nucl Med 2014, Vol 55 #9; 1430-37

Clinical Value Of Supine And Upright Myocardial Perfusion Imaging In Obese Patients Using The D-SPECT Camera

Simona Ben-Haim, Omar Almkhaleid, Johanne Neill, Piotr Slomka, Rayjanah Allie, Dalia Shiti, Daniel S. Berman, and Jamshed Bomanji
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Can Upright Myocardial Perfusion Imaging be Used Alone with a Solid-state Dedicated Cardiac Camera?

S. F. Hain, D. Van Gramberg, J. B. Bomanji, I. Kayani, A. M. Groves, S. Ben-Haim
Q J Nucl Med Mol Imaging 2013; 57:383-90

Quantification of Myocardial Perfusion Reserve Using Dynamic SPECT Imaging in Humans: A Feasibility Study

Simona Ben-Haim, Venkatesh L. Murthy, Christopher Breault, Rayjanah Allie, Arkadiusz Sitek, Nathaniel Roth, Jolene Fantony, Stephen C. Moore, Mi-Ae Park, Marie Kijewski, Athar Haroon, Piotr Slomka, Kjell Erlandsson, Rafael Baavoul, Yoel Zilberstien, Jamshed Bomanji, and Marcelo F. Di Carli
J Nucl Med 2013 54:873-879

Myocardial Perfusion Imaging with a Solid-State Camera: Simulation of a Very Low Dose Imaging Protocol

Ryo Nakazato, Daniel S. Berman, Sean W. Hayes, Mathews Fish, Richard Padgett, Yuan Xu, Mark Lemley, Rafael Baavour, Nathaniel Roth, Piotr J. Slomka
J Nucl Med 2013 54:373-379

Compared Performance of High-Sensitivity Cameras Dedicated to Myocardial Perfusion SPECT: A Comprehensive Analysis of Phantom and Human Images

Laetitia Imbert, Sylvain Poussier, Philippe R. Franken, Bernard Songy, Antoine Verger, Olivier Morel, Didier Wolf, Alain Noel, Gilles Karcher and Pierre-Yves Marie
J Nucl Med 2012; 53:1897-1903

Prognostic Value of Quantitative High-speed Myocardial Perfusion Imaging

Ryo Nakazato, Daniel S. Berman, Heidi Gransar, Mark Hyun, Romalisa Miranda-Peats, Faith C. Kite, Louise E. J. Thomson, John D. Friedman, Alan Rozanski, and Piotr J. Slomka
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New Ultrafast Cardiac SPECT Cameras (UCS)

Miguel Gorenberg
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Iterative Deconvolution of Simultaneous 99mTc and 201Tl Projection Data Measured on a CdZnTe-Based Cardiac SPECT Scanner

Krzysztof Kacperski, Kjell Erlandsson, Simona Ben-Haim, and Brian F Hutton
Phys. Med. Biol. 56 1397-1414, Feb 2011

Quantitative Upright-Supine High-Speed SPECT Myocardial Perfusion Imaging for Detection of Coronary Artery Disease: Correlation with Invasive Coronary Angiography

Ryo Nakazato, Balaji K. Tamarappoo, Xingping Kang, Arik Wolak, Faith Kite, Sean W. Hayes, Louise E.J. Thomson, John D. Friedman, Daniel S. Berman and Piotr J. Slomka
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Orazio Schillaci & Roberta Danieli
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New Imaging Protocols for New Single Photon Emission CT Technologies

Piotr J. Slomka & Daniel S. Berman & Guido Germano
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Kjell Erlandsson, Krzysztof Kacperski, Dean van Gramberg and Brian F Hutton
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A Novel High-Sensitivity Rapid-Acquisition Single-Photon Cardiac Imaging Camera

Sanjiv S. Gambhir, Daniel S. Berman, Jack Ziffer, Michael Nagler, Martin Sandler, Jim Patton, Brian Hutton, Tali Sharir, Shlomo Ben Haim, and Simona Ben Haim
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Daniel S. Berman, Xingping Kang, Balaji Tamarappoo, Arik Wolak, Sean W. Hayes, Ryo Nakazato, Louise E.J. Thomson, Faith Kite, Ishac Cohen, Piotr J. Slomka, Andrew J. Einstein, and John D. Friedman
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Tali Sharir, Simona Ben-Haim, Konstantine Merzon, Vitali Prochorov, Dalia Dickman, Shlomo Ben-Haim, and Daniel S. Berman
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