STEREOTAXIS

Improving Life with Robotic Precision and Safety

Stereotaxis Publications

Cardiology
2011

Flutter ablation with remote magnetic navigation: comparison between the 8-mm tip, the irrigated tip and a manual approach

Anne W, Schwagten B, Janse P, Bauernfeind T, Van Belle Y, De groot N, Knops P, Jordaens L, Szili-Torok T

Acta Cardiol
2011:66(3):287-92

Catheter ablation of atrial fibrillation using remote magnetic catheter navigation: a case-control study

Arya A, Zaker-Shahrak R, Sommer P, Bollmann A, Wetzel U, Gaspar T, Richter S, Husser D, Piorkowski C, Hindricks G

Europace
2011:13(1):5-6

The magnetic navigation system allows safety and high efficacy for ablation of arrhythmias

Bauernfeind T, Akca F, Schwagten B, de Groot N, Van Belle Y, Valk S, Ujvari B, Jordaens L, Szili-Torok T

Europace
2011:13(7):1015-21

Remote magnetic navigation for atrial fibrillation ablation: is 'As Good as Manual' good enough (Editorial)

Burkhardt JD, Di Biase L, Natale A

Europace
2011:13(1):5-6

Comparison of magnetic navigation system and conventional method in catheter ablation of atrial fibrillation: is magnetic navigation system is more effective and safer than conventional method?

Choi MS, Oh YS, Jang SW, Kim JH, Shin WS, Youn HG, Jung WS, Lee MY, Seong KB

Korean Circ J
2011:41(5):248-52

Epicardial ablation for ventricular tachycardia: a European multicenter study

Della Bella P, Brugada J, Zeppenfeld K, Merino J, Neuzil P, Maury P, Maccabelli G, Vergara P, Baratto F, Berruezo A, Wijnmaalen AP

Circ Arrhythm Electrophysiol
2011:Ahead of print

Remote controlled magnetic navigation and ablation with 3D image integration as an alternative approach in patients with intra-atrial baffle anatomy

Ernst S, Babu-Narayan SV, Keegan J, Horduna I, Lyne J, Till J, Kilner PJ, Pennell D, Rigby ML, Gatzoulis MA

Circ Arrhythm Electrophysiol
2011:Ahead of print

Cavotricuspid isthmus anatomy determines the success of remote controlled magnetic bidirectional block: a comparison between magnetic 8-mm solid tip and 3.5-mm magnetic irrigated tip catheter

Koektuerk B, Chun JK, Wissner E, Schmidt B, Ernst S, Ouyang F, Kuck HK

Indian Pacing Electrophysiol J
2011:11(4):103-14

Cardiology
2011

Catheter ablation of right ventricular outflow tract tachycardia: a simplified remote-controlled approach

Konstantinidou M, Koektuerk B, Wissner E, Schmidt B, Zerm T, Ouyang F, Kuck KH, Chun JK

Europace
2011: 13(5):696-700

Luminal esophageal temperature rise and esophageal lesion formation following remote-controlled magnetic pulmonary vein isolation

Konstantinidou M, Wissner E, Chun JK, Koektuerk B, Metzner A, Tilz RR, Rillig A, Fuernkranz A, Wohlmuth P, Ouyang F, Kuck KH

Heart Rhythm
2011:Ahead of print

Update on rhythm mapping and catheter navigation

Lapage MJ, Saul JP

Curr Opin Cardiol
2011:26(2):79-85

Hepatico-tricuspid isthmus ablation for typical-like atrial flutter by femoral approach in absence of the inferior vena cava: use of magnetic navigation and three-dimensional mapping with image integration

Latcu DG, Bunn SS, Ricard P, Saoudi N

Pacing Clin Electrophsyiol
2011:Ahead of print

Integration of dual source computed tomography with magnetic navigation system for percutaneous coronary intervention: a feasibility study

Li C, Tang L, Yang Z, Cao K

Catheter Cardiovasc Interv
2011:78(7):1108-15

Magnetic navigation system assisted percutaneous coronary intervention: a comparison to the conventional approach in daily practice

Li C, Wang H, Yang Z, Cao K

Chinese Medical Journal
2011:124(2):233-6

Remote magnetic versus manual catheter navigation for circumferential pulmonary vein ablation in patients with atrial fibrillation

Luthje L, Vollmann D, Seegers J, Dorenkamp M, Sohns C, Hasenfuss G, Zabel M

Clin Res Cardiol
2011:100(11):1003-11

Successful ablation of sinus node reentrant tachycardia using remote magnetic navigation system

Malik AK, Ching CK, Liew R, Chong DT, Teo WS

Europace
2011:Ahead of print

Cardiology
2011

[Catheter ablation of premature ventricular complexes in a patient with progressive heart failure] – Article in Chinese

Meyer C, Martinek M, Aichingerr J, Nesser HJ, Purerfellner H

Herzschrittmacherther Elektrophysiol
2011:22(1):49-52

Irrigated-tip magnetic catheter ablation of AF: a long-term prospective study in 130 patients

Pappone C, Vicedomini G, Frigoli E, Giannelli L, Ciaccio C, Baldi M, Zuffada F, Saviano M, Pappone A, Crisa S, Petretta A, Santinelli V

Heart Rhythm
2011:8(1):8-15

Primary percutaneous coronary intervention by magnetic navigation compared with conventional wire technique

Patterson MS, Dirksen MT, Ijsselmuiden AJ, Amoroso G, Slagboom T, Laarman GJ, Schultz C, van Domburg RT, Serruys PW, Kiemeneij F

Eur Heart J
2011:32(12):1472-8

Randomized comparison of the magnetic navigation system vs. standard wires in the treatment of bifurcations

Ramcharitar S, van der Giessen WJ, van der Ent M, Serruys PW, van Geuns RJ

Eur Heart J
2011:32(12):1479-83

The feasibility and safety of applying the magnetic navigation system to manage chronically occluded vessels: a single centre experience

Ramcharitar S, van der Giessen WJ, van der Ent M, de Feyter P, Serruys PW, van Geuns RJ

EuroIntervention
2011:6(6):711-6

Magnetic navigation system assisted stenting of coronary bifurcation lesions

Simsek C, Magro M, Patterson MS, Onuma Y, Ciampichetti I, van Weenen S, van Domburg RT, Serruys PW, Boersma E, van Geuns RJ

EuroIntervention
2011:6(8):970-6

Percutaneous trans-hepatic venous access for catheter ablation procedures in patients with interruption of the inferior vena cava

Singh SM, Neuzil P, Skoda J, Kriz R, Popelova J, Love BA, Mittnacht AJ, Reddy VY

Circ Arrhythm Electrophysiol
2011:4(2):235-41

Remote magnetic versus manual catheters: evaluation of ablation effect in atrial fibrillation by myocardial marker levels

Solheim E, Off MK, Hoff PI, De Bortoli A, Schuster P, Ohm OJ, Chen J

J Interv Card Electrophysiol
2011:32(1):37-43

Cardiology
2011

Initial experience with a magnetic navigation system for invasive treatment in patients with non-ST-segment elevation acute coronary syndromes

Wang H, Li C, Wang L, Yang Z, Cao K

J Interv Cardiol
2011: Ahead of print

Cardiology
2010

Catheter ablation of scar-related ventricular tachycardia in patients with electrical storm using remote magnetic catheter navigation

Arya A, Eitel C, Bollmann A, Wetzel U, Sommer P, Gaspar T, Husser D, Piorkowski C, Hindricks G

Pacing Clin Electrophysiol
2010:33(11):1312-8

Double intra-atrial connections in a patient late after orthotopic heart transplantation

Bauernfeind T, Caliskan K, Kardos A, Balk AH, Jordaens L, Szili-Torok T

J Heart Lung Transplant
2010:29(6):700-3

Navigation within the heart and vessels in clinical practice

Beyar R

Ann N Y Acad Sci
2010:1188:207-13

[Magnetic navigation for ablation of cardiac arrhythmias] – Article in Norwegian

Chen J, Hoff, PI, Solheim E, Schuster P, Off MK, Ohm OJ

Tidsskr Nor Laegeforen
2010:130(15):1467-70

Remote-controlled magnetic pulmonary vein isolation utilizing a new irrigated tip catheter in patients with atrial fibrillation

Chun KR, Wissner E, Koektuerk B, Constantinidou M, Schmidt B, Zerm T, Metzner A, Tilz R, Boczor S, Fuernkranz A, Ouyang F, Kuck KH

Circ Arrhythm Electrophysiol
2010:3(5):458-64

State-of-the-art and emerging technologies for atrial fibrillation ablation

Dewire J & Calkins H

Nat Rev Cardiol
2010:7(3):129-38

Endo-epicardial ablation of ventricular arrhythmias in the left ventricle with the remote magnetic navigation system and the 3.5 mm open irrigated magnetic catheter: results from a large single center case-control series

Di Biase L, Santageli P, Astudillo V, Conti S, Mohanty P, Mohanty M, Sanchez JE, Horton R, Thomas B, Burkhardt JD, Natale A

Heart Rhythm
2010:7(8):1029-35

Cardiology
2010

Left atrial appendage tip: an unusual site of successful ablation after failed endocardial and epicardial mapping and ablation

Di Biase L, Schweikert RA, Saliba WI, Horton R, Hongo R, Beheiry S, Burkhardt JD, Natale A

J Cardiovasc Electrophysiol
2010:21(2):203-6

Safety of remote magnetic navigation in patients with pacemakers and implanted cardioverter defibrillators

Eitel C, Hindricks G, Sommer P, Wetzel U, Bollmann A, Gaspar T, Piorkowski C, Arya A

J Cardiovasc Electrophysiol
2010:21(10):1130-5

Six-month follow-up of isthmus-dependent right atrial flutter ablation using a remote magnetic catheter navigation system: a case-control study

Huo Y, Hindricks G, Piorkowski C, Bollmann A, Wetzel U, Sommer P, Gaspar T, Kottkamp H, Arya A

Acta Cardiol
2010:65(3):279-83

Safety of implantable pacemakers and cardioverter defibrillators in the magnetic field of a novel remote magnetic navigation system

Jilek C, Tzeis S, Reents T, Estner HL, Fichtner S, Ammar S, Wu J, Hessling G, Deisenhofer I, Kolb C

J Cardiovasc Electrophysiol
2010:21(10):1136-41

[Clinical study on the coronary artery interventions guided by the magnetic navigation system] – Article in Chinese

Li CJ, Wang H, Wang LS, Zhu TB, Yang ZJ, Cao KJ

Zhonghua Xin Xue Guan Bing Za Zhi
2010:38(3):243-7

Interference of remote magnetic catheter navigation and ablation with implanted devices for pacing and defibrillation

Lüthje L, Vollmann D, Seegers J, Sohns C, Hasenfuss G, Zabel M

Europace
2010:12(11):1574-80

Atrial fibrillation ablation by aortic retrograde approach using a magnetic navigation system

Miyazaki S, Nault I, Haïssaguerre M, Hocini M

J Cardiovasc Electrophysiol
2010:21(4):455-7

Remote magnetic navigation with irrigated tip catheter for ablation of paroxysmal atrial fibrillation

Miyazaki S, Shah A, Xhaet O, Derval N, Matsuo S, Wright M, Nault I, Forclaz A, Jadidi AS, Knecht S, Rivard L, Liu X, Linton N, Sacher F, Hocini M, Jais P, Haissaguerre M

Circ Arrhythm Electrophysiol
2010:3(6):585-9

3D reconstruction from contrast coronary angiography in magnetic percutaneous coronary intervention

Patterson M

Catheter Cardiovasc Interv
2010:76(4):532-5

Cardiology
2010

Rotational coronary sinus venography and magnetic navigation to facilitate LV lead placement in cardiac resynchronization therapy

Patterson MS, van der Jagt R, Khan M

J Invasive Cardiol
2010:22(2):E27-9

Slow pathway radiofrequency ablation in patients with AVNRT: junctional rhythm is less frequent during magnetic navigation ablation than with the conventional technique

Ricard P, Latcu DG; Yaïci K, Zarqane N, Saoudi N

Pacing Clin Electrophysiol
2009: 33(1):11-5

Ablation of idiopathic ventricular tachycardia

Schreiber D, Kottkamp H

Curr Cardiol Rep
2010:12(5):382-8

A randomized comparison of transseptal and transaortic approaches for magnetically guided ablation of left-sided accessory pathways

Schwagten B, Jordaens L, Rivero-Ayerza M, van Belle Y, Knops P, Thornton A, Szili-Torok T

Pacing Clin Electrophysiol
2010:33(11):1298-303

Effect of magnetic navigation system on procedure times and radiation risk in children undergoing catheter ablation

Schwagten B, Witsenburg M, De Groot NM, Jordaens L, Szili-Torok T

Am J Cardiol
2010:106(1):69-72

Atrial fibrillation ablation: a single center comparison between remote magnetic navigation, cryoballoon and conventional manual pulmonary vein isolation

Sorgente A, Chierchia GB, Capulzini L, Yazaki Y, Muller-Burri A, Bayrak F, Sarkozy A, de Asmundis C, Paparella G, Brugada B

Indian Pacing Electrophysiol J
2010:10(11):486-96

An in vivo comparison of radiofrequency cardiac lesions formed by standard and magnetically steered 4 mm tip catheters

Thornton AS, De Castro CA, van Deel E, Van Beusekom HM, Jordaens L

Neth Heart J
2010:18(2):66-71

Mapping of atrial tachycardia by remote magnetic navigation in postoperative patients with congenital heart disease

Wu J, Pflaumer A, Deisenhofer I, Hoppmann P, Hess J, Hessling G

J Cardiovasc Electrophysiol
2010:21(7):751-9

Cardiology
2010

[Ablation of atrioventricular nodal reciprocating tachycardia using remote magnetic navigation system] – Article in Chinese

Zhai L, Yang B, Xu D, Zhang F, Ju W, Chen H, Chen M, Shan Q, Zou J, Chen C, Hou X, Cao K

Chin J Cardiac Arrhyth
2010:14(3)

Cardiology
2009

Technical advances in the ablation of atrial fibrillation

Ahmed H & Reddy VY

Heart Rhythm
2009:6(Suppl 8):S39-44

Pulmonary vein isolation after circumferential pulmonary vein ablation : comparison between Lasso and three-dimensional electroanatomical assessment of complete electrical disconnection

Augello G, Vicedomini G, Saviano M, Crisa S, Mazzone P, Ornago O, Zuffada F, Santinelli V, Pappone C

Heart Rhythm
2009:6(12):1706-13

New technologies in atrial fibrillation ablation

Burkhardt JD & Natale A

Circulation
2009:120(15):1533-41

Stereotaxis: a new approach to treating highly tortuous and angulated coronary lesions after conventional techniques have failed (Letter to the Editor)

Cañales EI, Cordova J, Escaned J, Hernandez-Antolin R

Rev Esp Cardiol
2009:62(8):942-4

Stereotaxis Niobe magnetic navigation system for endocardial catheter ablation and gastrointestinal capsule endoscopy

Carpi F & Pappone C

Expert Rev Med Devices
2009:6(5):487-98

[Ablation of atrial fibrillation: new technologies and challenges] – Article in French

De Chillou C, Magnin-Poull I, Andronache M, Abdelaal A, Groben L, Aliot E

Ann Cardiol Angeiol (Paris)
2009:58(Suppl 1):S67-9

Mapping and ablation of ventricular arrhythmias with magnetic navigation: comparison between 4- and 8-mm catheter tips

Di Biase L, Burkhardt JD, Kallireddy D, Pillarisetti J, Baryun EN, Biria M, Horton R, Sanchez J, Gallinghouse GJ, Bailey S, Beheiry S, Hongo R, Hao S, Tomassoni G, Natale A

J Interv Card Electrophysiol
2009:26(2):133-7

Cardiology
2009

Magnetic navigation and catheter ablation of right atrial ectopic tachycardia in the presence of a hemi-azygos continuation: a magnetic navigation case using 3D electroanatomical mapping

Ernst S, Chun JK, Koektuerk B, Kuck KH

J Cardiovasc Electrophysiol
2009:20(1):99-102

The future of atrial fibrillation: new technologies and indications: atrial fibrillation

Ernst S

Heart
2009:95(2):158-63

Two-by-two pulmonary vein isolation in the presence of a complete situs inversus and dextrocardia: use of magnetic navigation and 3D mapping with image integration

Ernst S & Berns E

Europace
2009:11(8):1118-9

Steerable catheters in minimally invasive vascular surgery

Fu Y, Liu H, Huang W, Wang S, Liang Z

Int J Med Robot
2009:5(4):381-91

Initial clinical experience with the new irrigated tip magnetic catheter for ablation of scar-related sustained ventricular tachycardia: a small case series

Haghjoo M, Hindricks G, Bode K, Piorkowski C, Bollmann A, Arya A

J Cardiovasc Electrophysiol
2009:20(8):935-9

Magnetic wire lock: prevention and correction to avoid wire fracture

Hilst KV & Patterson MS

Catheter Cardiovasc Interv
2009:74(4):569-74

Magnetically navigated percutaneous coronary intervention in distal and/or complex lesions may improve procedural outcome and material consumption

Ijsselmuiden AF, Patterson MS, Van Nooijen FC, Tangelder GH, Dirksen MT, Amoroso G, Slagboom T, Serruys PW, Laarman GJ, Kiemeneij F

EuroIntervention
2009:4(4):517-23

Use of magnetic guidewire navigation in the treatment of lower extremity peripheral vascular disease: report of the first human clinical experience

Iyengar S, Gray WA

Catheter Cardiovasc Interv
2009:73(6):739-44

Remote navigation guided ablation of incessant atrial tachycardia in a patient with restricted venous access

Kim AM, Badhwar N, Lee RJ

J Cardiovasc Electrophysiol
2009:20(9):1061-4

Cardiology
2009

German Stereotaxis-guided percutaneous coronary intervention study group: first multicenter real world experience

Krause K, Adamu U, Hertting K, Hamm Ck Kuck KH, Hoffmann R, Kelm M, Blindt R

Clin Res Cardiol
2009:98(9):541-7

Robotic magnetic navigation for ablation of human arrhythmias: initial experience

Latcu DG, Ricard P, Zargane N, Yaici K, Rinaldi JP, Maluski A, Saoudi N

Arch Cardiovasc Dis
2009:102(5):419-25

Initial experience with remote magnetic navigation for left ventricular lead placement

Mischke K, Knackstedt C, Schmid M, Hatam N, Becker M, Spillner J, Fache K, Kelm M, Schauerte P

Acta Cardiol
2009:64(4):467-75

Ablation of atrioventricular nodal reentrant tachycardia using remote magnetic guidance (Stereotaxis) requires lower temperature and power settings because of improved local contact

Moreno J, Archondo T, Barrios R, Perez-Castellano N, Porro R, Garcia Quintanilla J, Canades Godoy V, Cervigon R, Lobo L, Fayad Y, Macaya C, Perez-Villacastin J

Rev Esp Cardiol
2009:62(9):1001-11

Atrial fibrillation ablation: how far have we come?

Pappone C & Santinelli V

Rev Esp Cardiol
2009:62(10):1087-91

Chronicling the evolution of catheter ablation for atrial fibrillation and ventricular tachycardia

Patel D, Burkhardt JD, Sanchez JE, Di Biase L, Horton RP, Natale A

J Invasive Cardiol
2009 :21(5)239-43

Comparison of magnetically navigated and conventional wire percutaneous coronary intervention of a single discrete stenosis

Patterson MS, van Nooijen F, Ijsselmuiden A, Dirksen M, Domburg RV, Surreys P, Kiemeneij F

Catheter Cardiovasc Interv
2009:74(5):693-9

Integration of 3D reconstruction in the selection criteria for excessive crossing times for magnetically supported percutaneous coronary intervention: SELECT-MP

Patterson MS, Koeks SE, Rijkenberg S, Ramcharitar S, van Guens RJ, Tanimoto S, van Domburg RT, Serruys PW

EuroIntervention
2009:4(4):509-16

Integration of multislice computed tomography with magnetic navigation facilitates percutaneous coronary interventions without additional contrast agents

Ramcharitar S, Pugliese F, Schultz C, Ligthart J, de Feyter P, Huling L, Mollet N, van de Ent M, Serruys PW

J Am Coll Cardiol
2009:53(9):741-6

Cardiology
2009

Atrial fibrillation: unanswered questions and future directions

Reddy VY

Cardiol Clin
2009:27(1):201-16,x-xi

Initial experience with catheter ablation using remote magnetic navigation in adults with complex congenital heart disease and in small children

Schwagten B, Jordaens L, Witsenburg M, Duplessis F, Thornton A, van Belle Y, Szili-Torok T

Pacing Clin Electrophysiol
2009:32(supplement):S198-201

The magnetic navigation system allows avoidance of puncturing a baffle during ablation of a postincisional macroreentrant tachycardia

Schwagten B, Cuypers J, Szili-Torok T

Cardiol Young
2009:19(2): 216-9

Usefulness of remote magnetic navigation for ablation of ventricular arrhythmias originating from outflow regions

Schwagten B, Szili-Torok T, Rivero-Ayerza M, Jessurun E, Valk S, Jordaens L

Neth Heart J
2009:17(6):245-9

Remote magnetic catheter navigation for cavotricuspid isthmus ablation in patients with common-type atrial flutter

Vollmann D, Lüthje L, Seegers J, Hasenfuss G, Zabel M

Circ Arrhythm Electrophysiol
2009:2(6):603-10

Initial clinical experience of remote magnetic navigation system for catheter mapping and ablation of supraventricular tachycardias

Xu D, Yang B, Shan Q, Zou J, Chen M, Chen C, Hou X, Zhang F, Li WQ, Cao K, Tse HF

J Interv Card Electrophysiol
2009:25(3):171-4

Cardiology
2008

Initial clinical experience with remote magnetic catheter navigation system for ablation of cavotricuspid isthmus-dependent right atrial flutter

Arya A, Kottkamp H, Piorkowski C, Bollmann A, Geres-Li JH, Riahi S, Esato M, Hindricks G

PACE
2008:31(5):597-603

Catheter ablation – new developments in robotics

Chun KR, Schmidt B, Koektuerk B, Tilz R, Fuernkranz A, Konstantinidou M, Wissner E, Metzner A, Ouyang F, Kuck KH

Herz
2008:33(8):586-9

Cardiology
2008

Remote magnetic navigation-assisted catheter ablation enhances catheter stability and ablation success with lower catheter temperatures

Davis DR, Tang AS, Gollob MH, Lemery R, Green MS, Birnie DH

Pacing Clin Electrophysiol
2008:31(7):893-8

Ablation of idiopathic left ventricular tachycardia using remote magnetic navigation integrated with advanced mapping (Letter to the Editor)

De Torres F, Szili-Torok T, Orellana FJ, Jordaens LJ

Rev Esp Cardiol
2008:61(10):1104-6

Magnetic and robotic navigation for catheter ablation: "joystick ablation"

Ernst S

J Interv Card Electrophysiol
2008: 23(1):41-4

Robotic approach to catheter ablation

Ernst S

Curr Opin Cardiol
2008:23(1):28-31

Feasibility and safety of remote-controlled magnetic navigation for ablation of atrial fibrillation

Katsiyiannis WT, Melby DP, Matelski JL, Ervin VL, Laverence KL, Gornick CC

Am J Cardiol
2008:102(12):1674-6

Use of the Stereotaxis Niobe magnetic navigation system for percutaneous coronary intervention: results from 350 consecutive patients

Kiemeneij F, Patterson MS, Amoroso G, Laarman G, Slagboom T

Catheter Cardiovasc Interv
2008:71(4):510-6

Impact of remote magnetic catheter navigation on ablation fluoroscopy and procedure time

Kim AM, Turakhia M, Lu J, Badhwar N, Lee BK, Lee RJ, Marcus GM, Tseng ZH, Scheinman M, Olgin JE

Pacing Clin Electrophysiol
2008:31(11):1399-404

Computed tomography-fluoroscopy overlay evaluation during catheter ablation of left atrial arrhythmia

Knecht S, Skali H, O'Neill M, Wright M, Matsuo S, Chaudhry GM, Haffajee CL, Nault I, Gijsbers G, Sacher F, Laurent F, Montaudon M, Corneloup O, Hocini M, Haissaguerre M, Orlov MV, Jais P

Europace
2008: 10(8):931-8

Successful ablation of focal left atrial tachycardia using Stereotaxis Niobe remote magnetic navigation system

Mehta R, Hart DT, Nagra BS, Liu Z, Kantharia BK

Europace
2008:10(3):280-3

Cardiology
2008

Remote ablation of accessory pathways (Letter to the editor)

Pappone C, Santinelli V

Eur Heart J
2008:29(3):422

Safety and efficacy of remote magnetic ablation for atrial fibrillation (Letter to the editor) & Authors' reply to the Letter to the Editor

Pappone C, Santinelli V (Letter to the Editor)
Di Biase L, Burkhardt JD, Schweikert RA, Saliba WI, Natale A (Authors' Reply)

JACC
2008:51(16):1614-6

A randomized comparison of the magnetic navigation system versus conventional percutaneous coronary intervention

Ramcharitar S, van Geuns RJ, Patterson M, van der Giessen WJ, van der Ent M, van Domburg RT, Serruys PW

Catheter Cardiovasc Interv
2008:72(6):761-70

Technology insight: magnetic navigation in coronary interventions

Ramcharitar S, Patterson MS, van Geuns RJ, van Meighem C, Serruys PW

Nat Clin Prac Cardiovasc Med
2008:5(3):148-56

Atrial fibrillation: unanswered questions and future directions

Reddy VY

Med Clin North Am
2008:92(1):237-58,xii

Magnetically guided left ventricular lead implantation based on a virtual three-dimensional reconstructed image of the coronary sinus

Rivero-Ayerza M, Jessurun E, Ramcharitar S, van Belle Y, Serruys PW, Jordaens L

Europace
2008:10(9):1042-7

Remote navigation systems in electrophysiology

Schmidt B, Chun KR, Tilz RR, Koektuerk B, Ouyang F, Kuck KH

Europace
2008:10(Suppl 3):iii57-61

Automatic magnetic-guided electroanatomical mapping and remote-controlled ablation of atypical and typical atrial flutter

Schneider MA, Neuser H, Koller ML, Schumacher B

Pacing Clin Electrophyisol
2008:31(10):1355-7

Magnetic-guided percutaneous coronary intervention enabled by two-dimensional guidewire steering and three-dimensional virtual angioscopy: initial experiences in daily clinical practice

Schneider MA, Hoch FV, Neuser H, Brunn J, Koller ML, Gietzen F, Schamberger R, Kerber S, Schumacher B

J Interv Cardiol
2008:21:158-66

Cardiology
2008

Single-catheter approach for ablation of the slow pathway in a patient with type IV Ehlers-Danlos syndrome and AV nodal reentrant tachycardia using a magnetic navigation system

Szili-Torok T, Jessurun E, Jordaens LJ

Acta Cardiol
2008:63(5):647-50

Remote magnetic navigation system provides a superior catheter stability in acquisition of HIS bundle electrograms

Tahir S, Chaudhry GM, Syed MA, Marchese T, Kotler G, Haffajee CI, Orlov MV

J Interv Card Electrophysiol
2008:21(3):209-13

Ablation of a focal left atrial tachycardia via a retrograde approach using remote magnetic navigation

Thornton AS, Rivero-Ayerza M, Jordaens LJ

Europace
2008:10(6):687-9

Remote magnetic versus manual catheter navigation for ablation of supraventricular tachycardias: a randomized, multicenter trial

Wood MA, Orlov M, Ramaswamy K, Haffajee C, Ellenbogen K, Stereotaxis HEART Study Investigators

Pacing Clin Electrophysiol
2008:31(10):1313-21

Mapping of intraatrial reentrant tachycardias by remote magnetic navigation in patients with d-Transposition of the great arteries after Mustard and Senning procedure

Wu J, Pflaumer A, Seisenhofer I, Ucer E, Hess J, Zrenner B, Hessling G

J Cardiovasc Electrophysiol
2008:19(11):1153-9

Cardiology
2007

[First in Russia experience of radiofrequency ablation with the help of robotic system of magnetic navigation on the occasion of heart rhythm disturbances] – Article in Russian

Ardashev VN, Ardashev AV, Zheliakov EG, Shavarov AA, Rybachenko MS, Koshcheeva LA

Kardiologiia
2007:47(9):56-61

Accurate and reproducible target navigation with the Stereotaxis Niobe magnetic navigation system

Armacost MP, Adair J, Munger T, Viswanathan R, Creighton FM, Curd DT, Sehra R

J Cardiovasc Electrophysiol
2007:18:S26-31

Remote magnetic navigation to guide endocardial and epicardial catheter mapping of scar-related ventricular tachycardia

Aryana A, d'Avila A, Heist EK, Mela T, Singh JP, Ruskin JN, Reddy VY

Circulation
2007:115:1191-200

Cardiology
2007

Initial experience with alcohol septal ablation using a novel magnetic navigation system

Buergler JM, Alam S, Spencer W, Kleiman NS, Melendez Y, Franklin J, Nagueh SF

J Interv Cardiol
2007:20(6):559-63

Interventional electrophysiology and cardiac resynchronization therapy: delivering electrical therapies for heart failure

Burkhardt JD, Wilkoff BL

Circulation
2007:115(16):2208-20

Remote-controlled catheter ablation of accessory pathways: results from the magnetic laboratory

Chun JD, Ernst S, Mathews S, Schnidt B, Bansch D, Boczor S, Ujely A, Antz M, Ouyang F, Kuck KH

Eur Heart J
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