

The following ten abstracts were chosen for their outstanding quality and will be discussed in a special area in the poster hall during the Moderated Poster Session chaired by the two chairpersons mentioned below between 10:00 and 11:00.

Sudden cardiac death

Chairpersons: M. Duytschaever (Gent, BE); S. Viskin (Tel Aviv, IL)

- Electric storm impact on prognosis in SCD secondary prevention patients after myocardial infarction.** 785
 W. Kwasniewski, A. Filipecki, W. Orszulak, D. Urbanczyk, K. Szydło, M. Trusz Gluza (Katowice - PL)
- Implantable cardioverter defibrillator recipients: comparison of primary and secondary indicated patients during long-term follow-up.** 786
 C.J.W. Borleffs, J.B. Van Rees, G.H. Van Welsenes, L. Van Erven, R.J. Van Bommel, E.T. Van Der Velde, J.J. Bax, M.J. Schalij (Leiden - NL)
- Influence of Cycle Length variations on Antitachycardia Pacing effectiveness.** 787
 J. Jimenez-Candil, M. Ruiz, J. Morinigo, A. Martin, C. Ledesma, C. Martin-Luengo (Salamanca - ES)
- Effectiveness of antitachycardia pacing therapy in fast ventricular arrhythmias in clinical practice.** 788
 R. Cozar-Leon, E. Diaz-Infante, B. Prado-Gotor, P. Nieto, J. Maldonado, I. Borrego, J.M. Cruz (Seville - ES)
- Combined therapy with amiodarone and dl-sotalol for prevention of drug refractory electrical storm.** 789
 K. Satomi, Y. Yamada, H. Okamura, T. Noda, W. Shimizu, K. Suyama, N. Aihara, S. Kamakura (Suita, Osaka - JP)
- BNP serum levels prospectively predict recurrence of ventricular tachycardia and ventricular fibrillation in post-infarction heart failure patients with implantable cardioverter defibrillator.** 790
 E. Hatzinikolaou-Kotsakou, G. Moschos, TH. Belevessis, E. Reppas, M. Kotsakou, K. Tsakiridis (Thessaloniki - GR)
- Ventricular fibrillation threshold and clinical outcome in patients with implantable cardioverter defibrillator.** 791
 M.F. Nageh, J.J. Kim, J. Yao (Los Angeles - US)
- ICDs for secondary prevention: comparing outcomes in major clinical trials & ACT (large multicenter registry).** 792
 T.F. Deering, A. Epstein, D. Goldman, S. Greenberg, Y. Dalal (Atlanta, Birmingham, Delray Beach, Roslyn, Sylmar - US)
- An impaired renal function and female gender represent independent predictors for the incidence of malignant ventricular tachyarrhythmia in patients suffering from dilated cardiomyopathy.** 793
 J. Kreuz, O. Balta, L. Lickfett, G. Nickenig, J. Schwab (Bonn - DE)
- Characterisation of patients with Implanted Cardioverter Defibrillator (ICD) and initial idiopathic ventricular arrhythmia and unknown underlying disease.** 794
 F.W. Horlbeck, A. Bitzen, N. Liliegren, A. Jegorova, G. Nickenig, J.O. Schwab (Bonn - DE)

Posters must be set up between 08:00 and 08:30, removed between 12:30 and 13:00 and be on display between 08:30 and 12:30. The presenter should be present throughout the coffee break (10:00 and 11:00) in order to discuss the poster.

Registries.

Impact of the Guidelines and major trials on pacing modalities trend in Italy during the years 2003-2007. Data from the Italian Pacemaker Registry. 795

A. Proclemer, M. Ghidina, G. Bianco, D. Facchin, L. Rebellato, P. Fioretti, M. Gulizia (Udine, Catania - IT)

Daily maximum and median respiratory rate are elevated during clinical events when compared to a post-implant baseline in CRT-D patients. With drawn. 796

B. Merkely, J. Stockinger, J. Mont I Girbau, Y. Zhang, T. Kayser, V. Averina, N. Wold, P. Bloch Thomsen (Budapest - HU, Bad Krozingen - DE, Barcelona - ES, St Paul - US, Brussels - BE, Hellerup - DK)

Low device implant rates in the UK: 24 hours of monitoring is still not long enough. 797

M. Kalla, V. Brooks, G.R. Ellis, R.A. Bleasdale (Cardiff - GB)

Adverse clinical outcome of patients with conventional dual chamber right ventricular apical pacing: the role of baseline parameters of cardiac function. 798

E. Moro, E. Marras, L. Sciarra, C. Marcon, G. Allocca, P. Delise (Conegliano - IT)

Efficiency in using the automated features available in modern pacemakers for follow-up: results from the Accurate registry. 799

S. Hasabnis, W. Heaton, S. Hiremagalur, M. Burnam, S. Greer, S. Dahdah, S. Mathews, A. Oza (Birmingham, Florence, Johnson City, Tarzana, Little Rock, Springfield, Sylmar - US)

Quantification of subjective ease to use data from over 4,000 cardiac pacing leads. 800

M. Hero, H. Benkemoun (Boulogne-Billancourt, Perpignan - FR)

Device and heart failure monitoring.

Changes in intrathoracic impedance predicting heart failure decompression episodes. 801

J. Toquero Ramos, V. Monivas Palomero, V. Castro Urda, V.A. Mariona Montero,

I. Fernandez Lozano, L. Nombela Franco, E. Sufate Sorzano, L. Pulpon (Madrid - ES)

Do intracardiac impedance parameters reveal mechanical asynchrony in heart failure patients? 802

F. Gadler, G. Noelker, W. Kranig, K. Seidl, J. Brandt, N. Holmstrom, J. Sperzel (Stockholm - SE, Coburg, Bad Rothenfelde, Ludwigshafen am Rhein - DE, Lund, Jarfalla - SE, Bad Nauheim - DE)

Daily maximum and median respiratory rate becomes elevated several weeks before HF hospitalisation in patients with implantable devices. 803

J. Mont I Girbau, B. Lemke, B. Merkely, Y. Zhang, T. Kayser, V. Averina, N. Wold, P. Bloch Thomsen (Barcelona - ES, Ludenscheid - DE, Budapest - HU, St Paul - US, Brussels - BE, Hellerup - DK)

Continuous monitoring of intrathoracic impedance and right ventricular pressures in patients hospitalised for decompensated heart failure. 804

F. Braunschweig, M. Vanderheyden, R. Houben, S. Verstreken, M. Stahlberg, P. Reiters (Stockholm - SE, Aalst - BE, Maastricht - NL)

Use of pacemaker stress echocardiography for diagnosis of coronary artery disease. 805
 R. Miranda, C. Alvarenga, A.R. Almeida, M. Celeiro, S. Almeida, L. Brandao Alves, C. Cotrim, M. Carrageta (Almada, Evora - PT)

Clinical Impact of Intrathoracic Impedance Monitoring to Alert Patients with Implanted Devise. With drawn. 806 (W)

Implantation and follow up.

Acute complications in cacemaker implantation: are gender differences important? 807
 B. Nowak, B. Misselwitz (Frankfurt am Main, Eschborn - DE)

The SLEW-RATE: a predictive parameter to evaluate the interface Lead/Myocardium. 808
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The emerging role of right ventricular function in the long term clinical outcome of patients with conventional dual chamber right ventricular apical pacing. 809
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Influence of RV lead localisation on RV function in early observation after implantation of a cardiac pacemaker. 810
 A. Drzewiecka, W. Kargul (Katowice - PL)

Influence of the Localisation of the RA lead on interatrial synchrony. 811
 B. Grzegorzewski, A. Drzewiecka, J. Wilczek, W. Kargul (Katowice - PL)

Extraction of dropped-in leads with proximal ending in cardiovascular system. Our experience in 18 pts. 812
 B. Malecka, A. Kutarski, A. Zabek (Krakow, Lublin - PL)

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- Pacemaker based analysis of atrioventricular conduction and atrial tachyarrhythmias in patients with primary sinus node dysfunction.** 890
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<p>Repercussions of cardiac resynchronisation therapy on the ventricular repolarisation of heart failure patients as assessed by body surface potential mapping. C.A. Pastore, R.A. Douglas, N. Samesima, M. Martinelli Filho, S.A.D. Nishioka (Sao Paulo - BR)</p> <p>Evaluation of left intraventricular synchrony in asymptomatic left bundle branch block patients estimated by radionuclide ventriculography. A. Pastor Fuentes, J. Perea, N. Tur, B. Berzal (Getafe, Madrid - ES)</p> <p>Genetic analysis of Pitx2 and Nkx2.5 in patients with lone atrial fibrillation. L.H. Boldt, M. Polotzki, M.G. Posch, A. Perrot, M. Lohse, S. Rolf, C. Ozcelik, W. Haverkamp (Berlin - DE)</p> <p>Efficacy of losartan in patients with isolated diastolic dysfunction and paroxysmal atrial fibrillation. L.G. Tunyan, S.V. Grigoryan (Yerevan - AM)</p> <p>The significance of intraventricular and interventricular dyssynchrony patterns in patients with cardiac resynchronisation therapy device. A. Barsheshet, R. Abu Sham'a, R. Kuperstein, M.S. Feinberg, A. Sandach, D. Luria, M. Eldar, M. Glikson (Tel Hashomer - IL)</p> <p>Cardiac resynchronisation therapy with fusion can be maintained during long term follow-up in HF patients with normal AV conduction. R.-G. Vatasescu, A. Berruezo, C. Iorgulescu, A. Fruntelata, M. Dorobantu (Bucharest - RO, Barcelona - ES)</p> <p>Cryoablation for atrial fibrillation using a balloon catheter: effect on NT pro BNP, myocardial injury and thromboembolic markers. A. Chaumeil, F. Philippon, G. O'hara, L. Blier, F. Molin, M. Gilbert, J. Champagne (Paris - FR, Quebec City - CA)</p> <p>The short-term iatrogenic thyrotoxicosis in experimental conditions in animals does not lead to significant changes of the heart rate variability parameters. U. Paslawska, J. Gajek, D. Zysko, A. Noszczyk-Nowak, P. Skrzypczak, J. Nicpon, W. Mazurek (Wroclaw - PL)</p> <p>Brugada syndrome: repolarisation, conduction or diastolic disorder? a critical look at established mechanisms. S. Chevallier, A. Van Oosterom, E. Pruvot (Lausanne - CH)</p> <p>A novel qR complex in V1 predicts fatal ventricular arrhythmias in anterior acute myocardial infarction. A. Iga, M. Igarashi, H. Itou, T. Fujino, T. Tsubota, J. Yamazaki, K. Yoshihara (Tokyo - JP)</p> <p>Left ventricular ejection fraction and QRS duration may serve as significant arrhythmia risk stratifiers in congestive heart failure patients. (A substudy of APRET - Athens). P. Arsenos, K. Gatzoulis, P. Dilaveris, T. Gialernios, T. Papaioannou, K. Masoura, S. Archontakis, C. Stefanadis (Athens - GR)</p> <p>Cardiac structural and electrical adaptation in male active athletes. Qt interval could it be the clue to sudden cardiac death? G.M. Nasr, A. Khashaba, H. Osman, M. El-Barbary (Ismailia - EG)</p> <p>Very low threshold transoesophageal atrial pacing with different directed electrical pacing field for evaluation of tachycardia. M. Heinke, T. Heinke, B. Ismer, H. Kuehnert, R. Surber, H.R. Figulla (Jena, Rudolstadt, Rostock - DE)</p>	<p>891</p> <p>892</p> <p>893</p> <p>894</p> <p>895</p> <p>896</p> <p>897</p> <p>898</p> <p>899</p> <p>900</p> <p>901</p> <p>902</p> <p>903</p>
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The following ten abstracts were chosen for their outstanding quality and will be discussed in a special area in the poster hall during the Moderated Poster Session chaired by the two chairpersons mentioned below between 15:30 and 16:30.

Cardiac resynchronisation therapy

Chairpersons: C. Linde (Stockholm, SE); D. Gras (Nantes, FR)

- Management strategy in patients with phrenic nerve stimulation during the implant of left ventricular leads for cardiac resynchronisation therapy. A 6-year cohort study.** 904
 E. Arbelo Lainez, A. Garcia Quintana, E. Caballero Dorta, M. Diaz Escofet, B. Moreno Djadou, C. Rios Diaz, J. Novoa Medina, A. Medina Fernandez-Aceytuno
 (Las Palmas de Gran Canaria - ES)
- A simple way of selecting the optimal site for left ventricular pacing to predict long term response following CRT.** 905
 M. Fatemi, G. Le Gal, P. Castellant, I. Fersi, Y. Etienne, J.J. Blanc (Brest - FR)
- Echocardiography: new tools for predicting CRT response.** 906
 F. Zanon, S. Aggio, E. Baracca, F. Pastore, D. Vaccari, R. Verlato, M. Davinelli, J. Comisso
 (Rovigo, Montebelluna, Camposampiero, Milan - IT)
- Predictors of clinical deterioration acutely after cardiac resynchronisation therapy.** 907
 A. Barsheshet, R. Abu Sham'a, A. Sandach, D. Luria, D. Bar Lev, O. Gurevitz, M. Eldar, M. Glikson (Tel Hashomer - IL)
- Cardiac resynchronisation therapy: antiarrhythmic and mortality eEffect of reverse ventricular remodelling in hyperresponders.** 908
 R. Ramos, M. Oliveira, M. Nogueira Da Silva, A. Toste, A. Lousinha, L. Branco, S. Alves, R.C. Ferreira (Lisbon - PT)
- Cardiac device infections: practice patterns and outcomes.** 909
 R. Baptista, F. Saraiva, E. Jorge, P. Hermida, P. Monteiro, L. Elvas, L.A. Providencia
 (Coimbra - PT)
- Long-term clinical response of cardiac resynchronisation after chronic right ventricular pacing.** 910
 P.P.H.M. Delnoy, J.P. Ottervanger, H. Oude Luttikhuis, A. Elvan, A.R. Ramdat Misier, W.P. Beukema, N.M. Van Hemel (Zwolle, Utrecht - NL)
- Changes in impedance are associated with changes in ventricular volume in patients receiving defibrillators for resynchronisation therapy.** 911
 M. Lunati, M. Maines, M. Landolina, M. Santini, A. Proclemer, M. Sassara, S. Marchesini, A. Varbaro (Milan, Rovereto, Pavia, Roma, Udine, Viterbo - IT)
- Intra-thoracic impedance and pulmonary wedge pressure for the detection of heart failure deterioration.** 912
 M. Maines, D. Catanzariti, C. Cemin, M. Vimercati, S. Valsecchi, G. Vergara (Rovereto, Milan - IT)
- Effects of cardiac resynchronisation therapy on left ventricular twist.** 913
 M. Bertini, N. Ajmone Marsan, V. Delgado, R.J. Van Bommel, G. Nucifora, C.J.W. Borleffs, M.J. Schalij, J.J. Bax (Leiden - NL)

Posters must be set up between 13:30 and 14:00, removed between 18:00 and 18:30 and be on display between 14:00 and 18:00. The presenter should be present throughout the coffee break (15:30 - 16:30) in order to discuss the poster.

ECG.

- Assessment of interatrial fibrillatory frequency gradient from conventional 12-lead surface ECG in patients with atrial fibrillation.** 914
 P.G. Platonov, I. Nault, M. Stridh, M. Haissaguerre (Lund - SE, Bordeaux - FR)
- Electrocardiographic abnormalities in Central and South-American adult immigrants with chronic Chagas disease living in Geneva.** 915
 J. Sztajzel, Y. Jackson, L. Getaz, A. Tardin, J. Gaspoz, F. Chappuis (Geneva - CH)
- Tapex-Tend may serve as an arrhythmia risk stratifier for heart failure patients with ejection fraction below 30%.** 916
 P. Arsenos, K. Gatzoulis, P. Dilaveris, T. Gialernios, G. Manis, T. Papaioannou, S. Sideris, C. Stefanadis (Athens, Ioannina - GR)
- Valuable electrocardiographic characteristics for prognosis assessment at the patients with AL amyloidosis.** 917
 E. Stoica, D. Coriu, O. Chioncel, C. Macarie (Bucharest - RO)
- Late phase of repolarisation (TpeakTend) as a prognostic marker of left ventricle remodelling in patients with anterior myocardial infarction treated with primary PCI.** 918
 K. Szydlo, K. Wita, M. Trusz-Gluza, Z. Tabor, A. Filipecki (Katowice - PL)
- Fragmented QRS as a predictor of appropriate implantable cardioverter-defibrillator (ICD) therapy.** 919
 S. Apiyasawat, T. Ngarmukos, P. Chandanamatttha, K. Likittanasombat (Bangkok - TH)
- Value of training session during 24-h Holter ECG monitoring in predicting the behaviour of ventricular extrasystoles in athletes.** 920
 L. Caselli, G. Galanti, M. Nieri, S. Vignini, A. Michelucci (Florence - IT)
- Relationship between 12-lead-electrocardiograms and electrograms stored in implantable cardioverter defibrillators.** 921
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- Usefulness of transtelephonic electrocardiogram in detecting arrhythmia recurrences and in deciding to stop anticoagulation therapy after catheter ablation of atrial fibrillation.** 922
 M. Senga, E. Fujii, S. Sugiura, S. Yamazato, M. Nakamura, M. Ito (Tsu - JP)
- Usefulness of sinus bradycardia and atrial tachyarrhythmias in the setting of familial catecholaminergic polymorphic ventricular tachycardia.** 923
 E. Zorio Grima, O. Cano Perez, J. Navarro Manchon, J. Osca Asensi, M.A. Arnau Vives, F. Gonzalez Llopis, J. Olague De Ros, A. Salvador Sanz (Valencia, Elda - ES)
- Analysis of circadian fluctuation of late potentials; an indicator of «true» Brugada syndrome?** 924
 W. Nagahori, M. Suzuki, M. Ohno, A. Matsumura, Y. Hashimoto (Kamogawa, Chiba - JP)
- Continuous ECG monitoring of atrial fibrillatory cycle prolongation during ablation of longterm persistent AF.** 925
 A. Forclaz, S. Narayan, A. Jadidi, I. Nault, S. Miyazaki, M. Wright, M. Hocini, M. Haissaguerre (Pessac - FR)

- Mean QT duration automatically computed from 24-hour Holter recordings may serve as an arrhythmia risk stratifier in ischaemic Heart Failure patients. The Arrhythmia Prevention Trial (APRET-Athens).** 926
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- Heart rate variability evaluation could help to identify the patients with myotonic dystrophy at risk of death.** 927
 B. Brembilla-Perrot, J.D. Luporsi, N. Sadoul, P. Kaminsky (Vandoeuvre les Nancy - FR)
- Tpeak-Tend interval and Tpeak-Tend/QT ratio as markers of ventricular tachycardia inducibility in patients with Brugada syndrome.** 928
 K. Letsas, R. Weber, K. Astheimer, D. Kalusche, T. Arentz (Bad Krozingen - DE)
- Diagnostic value of surface ECG for the detection of electrophysiological abnormalities in myotonic dystrophy.** 929
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- Noninvasive stratifiers for identifying patients at risk in the Brugada syndrome.** 930
 E. Hatzinikolaou-Kotsakou, M. Kotsakou, G. Moschos, E. Reppas, T.H. Belevestis, K. Tsakiridis (Thessaloniki - GR)
- Abnormal right atrial activation is common in 50 patients with arrhythmogenic right ventricular cardiomyopathy.** 931
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- A new theory about electric storm.** 932
 A. Scopinaro, D. Rollando, E. Modonesi, G.P. Bezante, C. Brunelli, A. Barsotti, G. Bertero (Genoa - IT)
- HOLTIN: Design, implementation and evaluation of a Holter service based on portable technology for continuous ambulatory electrocardiographic monitoring.** 933
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- Fish oils supplementation has no influence on ECG-P wave- arrhythmic markers in patients undergoing coronary bypass surgery.** 934
 P. Saravanan, M. Gatley, S. O'neill, N. Davidson (Manchester - GB)
- Electrocardiographic characteristics of the first beats of ventricular fibrillation.** 935
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- P wave dispersion and the risk of atrial fibrillation.** 936
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- Transient QT interval prolongation in patients with acute myocardial infarction.** 937
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- A mutation database for arrhythmogenic right ventricular cardiomyopathy.** 938
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Tuesday 23 June 2009 - Afternoon Posters

14:00 - 18:00

POSTER SESSION IV

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- Inappropriate asystole detection with implantable loop recorders in the first 24 hours after implant: what is happening? 954
R. Candeias, J. Silva, A. Santos, N. Marques, I. Jesus, V. Gomes (Faro - PT)
- The duration of loss of consciousness during tilt testing-induced syncope is related to the renin-angiotensin-aldosterone system activation. 955
J. Gajek, D. Zysko, W. Mazurek (Wroclaw - PL)
- Natural history of sinoatrial Wenckebach blok during daily activity in holter monitoring. 956
L.U.K. Olendrzynski, E.K. Kramarz, L.K. Kubik (Warsaw - PL)
- Demographics and tilt testing results in patients with blood-instrumentation-injection phobia. 957
D. Zysko, J. Gajek, W. Mazurek (Wroclaw - PL)
- 1 in 8 patients with syncope are misdiagnosed as epilepsy on long term cardiac rhythm monitoring by an implantable ECG loop recorder (ILR). 958
T. Tahir, S. Rose, C. Garratt, B. Clarke, P. Cooper, A. Fitzpatrick, S. Petkar (Manchester, Salford, Manchester - GB)
- Assessment of systolic ejection time as a haemodynamic marker of pre-syncope in patients submitted to tilt table test. 959
G. Fuca, M. Dinelli, L. Gianfranchi, G. Corbucci, P. Alboni (Cento - IT, Maastricht - NL)
- Pacemaker with closed loop stimulation (CLS) in refractory vasovagal syncope: preliminary experience in 2 centers. 960
T.L.L. Leiria, T. Kus, B. Godin, F. Ayala-Paredes, A. Lemieux, M.L. Sturmer (Montreal, Sherbrooke - CA)
- Does renin - aldosterone axis activity depend on the type of vasovagal reaction. 961
A. Stanczyk (Warsaw - PL)
- Ventricular tachycardia or fibrillation on eps is an important mortality predictor factor among patients presenting with syncope of unknown origin. 962
K. Gatzoulis, G. Karystinos, T. Gialernios, H. Sotiropoulos, S. Sideris, P. Dilaveris, P. Arsenos, C. Stefanadis (Athens - GR)
- Comparative haemodynamic study between vasovagal syncope and progressive orthostatic hypotension syndrome. 963
R. Maggi (Lavagna - IT)
- Therapeutic contributions of education plus home orthostatic self-training therapy in neurally-mediated syncope. 964
R. Kohno, H. Abe, Y. Otsuji (Kitakyushu - JP)
- Miscellaneous (Basic Science, Autonomic...).**
- Non-invasive wedensky modulation of R-wave determines cardiac electrical vulnerability late after myocardial infarction. 965
P.A. Brady, P. Erne, J. Val-Mejias, J. Schwab, R. Schimpf, M. Orlov, T. Mattioni, J. Amlie (Rochester - US, Luzern - CH, Wichita - US, Bonn, Mannheim - DE, Boston, Phoenix - US, Oslo - NO)
- Defibrillation Effects of Intravenous Amiodarone, Nifekalant, and Lidocaine in Patients with Out-of-hospital Ventricular Fibrillation. 966
H. Itou, M. Igarashi, A. Iga, T. Tubota, J. Yamazaki, K. Yoshihara (Tokyo - JP)

14:00 - 18:00

POSTER SESSION IV

POSTER AREA

<p>Genetic study in risk stratification of a group of patients with Brugada Syndrome. C.I. Santos De Sousa, L. Carpinteiro, P. Marques, M.R. Almeida, G. Miltemberger, M.J. Correia, J. Sousa, M. Lopes (Lisbon - PT)</p> <p>Cardiac magnetic resonance imaging and arrhythmogenic right-ventricular dysplasia, a reliable relation? R. Teixeira, M.J. Ferreira, P. Donato, M. Ventura, J. Cristovao, L. Elvas, L.A. Providencia (Coimbra - PT)</p> <p>Time-course analysis of vagosympathetic nerve stimulation on acute atrial electrical remodelling. D. Chang, S. Zhang, L. Gao, D. Yang, Y. Lin, Z. Chu, Y. Yang (Dalian - CN)</p> <p>Neuro-hormonal activation during tachycardia in patients with atrioventricular nodal reentry tachycardias. R. Pecini, S. Pehrson, X. Chen, A.M. Thøgersen, A. Kjaer, J. Hastrup-Svendsen (Copenhagen, Aalborg - DK)</p> <p>Fibrillatory PVCs have the same origin in different times. J.J. Sanchez-Munoz, A. Garcia-Alberola, J. Martinez-Sanchez, P. Penafiel-Verdu, J.A. Giner-Caro, F.J. Pastor-Perez, M. Valdes-Chavarri (Murcia - ES)</p> <p>EDN1 3A/4A polymorphism affects susceptibility to head-up tilt test-induced vasovagal syncope. S. Sorrentino, C. Forleo, M. Iacoviello, P. Guida, V. D'andria, S. Favale (Bari - IT)</p> <p>Prokineticin receptors in cardiovascular function: FOES OR FRIENDS? C. Nebigil (Illkirch - FR)</p> <p>Acute reduction of transmitral gradient after I(f) channel inhibition in patients with mitral valve stenosis or a mitral annuloplasty ring. E. Pasceri, A. Curcio, F. Achille, D. De Serio, S. Zinzi, D. Torella, P. Mastroberto, C. Indolfi (Catanzaro - IT)</p> <p>A case of inappropriate sinus tachycardia treated with ivabradine. O. Ozcan Celebi, A. Canbay, S. Aydogdu, E. Diker (Ankara - TR)</p> <p>A case of inappropriate sinus tachycardia after AVNRT cryoablation successfully treated by a selective current If inhibitor. A. De Sisti, J. Tonet, A. Benkaci, R. Frank (Paris - FR)</p> <p>Intermittent infrahisian AV block associated with His-atrial-ventricular-sequence during atrioventricular nodal reentrant tachycardia. R.J. Walhout, L.V.A. Boersma (Nieuwegein - NL)</p> <p>Different characteristics of premature ventricular beats inducing and non inducing VF. The relevance of the second beat. J.J. Sanchez-Munoz, A. Garcia-Alberola, J. Martinez-Sanchez, P. Penafiel Verdu, J.A. Giner Caro, F.J. Pastor-Perez, M. Valdes-Chavarri (Murcia - ES)</p> <p>Biochemical predictors of malignant ventricular arrhythmia in patients with ischaemic heart failure. N. Maroz-Vadalazhskaya, T. Denissevich, I. Ostrovskiy (Minsk - BY)</p> <p>Heart rate variability in middle-aged veteran elite athletes with LV hypertrophy compared with hypertensive subjects. N. Sharashidze, Z. Pagava, G. Saatashvili, R. Agladze (Tbilisi - GE)</p>	<p>967</p> <p>968</p> <p>969</p> <p>970</p> <p>971</p> <p>972</p> <p>973</p> <p>974</p> <p>975</p> <p>976</p> <p>977</p> <p>978</p> <p>979</p> <p>980</p>
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- Is the vagotony necessary for the appearance of unmasked coved ST elevation during provocation test with pilsicainide?** 981
 M. Noda, S. Yoshikawa, T. Fujinami, Y. Yamamoto, H. Tashiro, M. Usui, K. Ichikawa, M. Isobe (Tokyo - JP)
- Hyperoxic chemoreflex sensitivity is blunted in patients with moderate to severe chronic kidney disease.** 982
 C. Meyer, E. Saygili, O. Rana, J. Floege, M. Hennersdorf, T. Rassaf, M. Kelm, P. Schauerte (Aachen, Heilbronn - DE)
- Heart rate turbulence as a factor predicting mortality and heart transplantation in chronic heart failure.** 983
 B. Sredniawa, S. Cebula, J. Kowalczyk, A. Musialik-Lydko, A. Wozniak, M. Zakliczynski, M. Zembala, Z. Kalarus (Zabrze - PL)
- Cardiac autonomic neuropathy in children with diabetes type I.** 984
 O.I. Gumenyuk, Y.V. Chernenkov, I.V. Kosenkova, N.V. Bolotova, A.P. Averyanov (Saratov - RU)
- CRT I.**
- Patients with narrow QRS and left ventricular dyssynchrony treated with cardiac resynchronisation obtain similar benefits than patients with Wide QRS. A prospective study.** 985
 B. Vidal, J.M. Tolosana, M. Sitges, V. Delgado, E. Silva, M.A. Castel, J. Brugada, L. Mont (Barcelona - ES)
- Comparison of Doppler echocardiography with non invasive cardiac output monitoring based on bioreactance for AV and VV delay optimisation in patients undergoing cardiac resynchronisation therapy.** 986
 F.Z. Khan, P.A. Read, P. Salahshouri, M.A. Bayrakdar, D. Matousova, M.S. Virdee, S.P. Fynn, D.P. Dutka (Cambridge - GB)
- Correlation of body mass index and responder status in heart failure patients after cardiac resynchronisation therapy: Does obesity paradox exists?** 987
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- Analysis of genetic variation of the inwardly rectifying K⁺ channel subunits KCNJ3 (GIRK1) and KCNJ5 (GIRK4) in patients with Sinus Node Dysfunction.** 988
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- Physiotherapy and Cardiac Rhythm Devices: A Review of the Current Status.** 989
 G. Digby, M.E. Daubney, J. Baggs, D. Campbell, C.S. Simpson, D.P. Redfearn, H. Abdollah, A. Baranchuk (Kingston - CA)
- Haemodynamic reponse of CRT devices implanted 2003 vs 2007 - What are the effects of extended indications according to current guidelines?** 990
 M. Seifert, T. Schau, V. Moeller, J. Meyhoefer, E. Fleck, C. Butter (Bernau bei Berlin - DE)
- Novel circular multielectrode ablation catheter for atrial fibrillation ablation: assessment of the level of pulmonary venous isolation by voltage mapping.** 991
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- Safety and efficacy of remote-controlled magnetic navigation compared to conventional navigation for atrial fibrillation ablation.** 992
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Variation of optimal VV configuration and AV delay based on sonR signal analysis in CRT implanted patients.	994
G. Froehlig, J. Sperzel, J. Vogt, F. Anselme, P. Ducloux, F. Ziglio, F. Krumel (Homburg/Saar, Bad Nauheim, Bad Oeynhausen - DE, Rouen, Le Plessis Robinson - FR, Saluggia - IT, Bad Bevensen - DE)	
Left ventricular pacing at the most delayed site does not optimise invasive dP/dtmax in resynchronisation therapy.	995
N. Derval, P. Steendijk, P. Bordachar, A. Deplagne, P. Ritter, J. Clementy, M. Haissaguerre, P. Jais (Pessac - FR, Leiden - NL)	
Optimal AV delay in patients presenting very short or long implant-related interatrial conduction time.	996
B. Ismer, T. Koerber, M. Heinke, W. Voss, U. Trautwein, CA. Nienaber (Rostock, Jena - DE)	
LV reverse remodelling after CRT upgrade in chronic RV pacing patients.	997
P.C. Chang, F.C. Lin, C.C. Wang (Taoyuan - TW)	
Mid-term follow-up of cardiac resynchronisation therapy: predictors of clinical outcome.	998
L. Sargento, L. Carpinteiro, P. Marques, A. Veiga, N. Cortez-Dias, J. Sousa (Lisbon - PT)	
Long term follow-up of patients hyper responder to cardiac resynchronisation therapy.	999
P. Castellant, E. Orhan, M. Fatemi, Y. Etienne, V. Valls-Bertault, J.J. Blanc (Brest - FR)	
Finger photoplethysmography: a new tool for atrioventricular delay optimisation during cardiac resynchronisation therapy.	1000
S. Buck, A.H. Maass, B.A. Schoonderwoerd, D.J. Van Veldhuisen, I.C. Van Gelder (Groningen - NL)	
Effectiveness of triggered biventricular pacing during cardiac resynchronisation therapy.	1001
R.G. Vatasecu, A. Berruezo, L. Mont, D. Tamborero, J.M. Tolosana, J. Brugada (Barcelona - ES)	
Prognostic value of plasma tissue inhibitor of matrix metalloproteinase-1 (TIMP-1) in cardiac resynchronisation therapy.	1002
J.M. Tolosana, L. Mont, M. Sitges, A. Berruezo, V. Delgado, D. Tamborero, M. Morales, J. Brugada (Barcelona - ES)	
Is there a role for post systolic shortening in cardiac resynchronisation therapy?	1003
R. Teixeira, N. Antonio, L. Coelho, C. Lourenco, M. Ventura, J. Cristovao, L. Elvas, L.A. Providencia (Coimbra - PT)	
Cardiac resynchronisation therapy improved sleep disordered breathing soon.	1004
K. Matsushita, T. Ishikawa, S. Sumita, Y. Yamakawa, K. Matsumoto, J. Hosoda, Y. Miki, S. Umemura (Yokohama - JP)	
CRT II.	
Implants of Autologous Stem Cells (ASC) associated with Cardiac Resynchronisation Therapy(CRT): 36-months experience in dilated cardiomyopathy.	1005
O.T. Greco, J.L.B. Jacob, A. Parro Jr, M.A. Ruiz, M.R. Lago, A.B. Santos, R.T. Takeda, A.C. Abreu (Sao Jose Do Rio Preto - BR)	

Tuesday 23 June 2009 - Afternoon Posters

14:00 - 18:00

POSTER SESSION IV

POSTER AREA

- Biventricular pacing with fusion during cardiac resynchronisation therapy shortens the left ventricular activation time and improves the structural responder rate.** 1006
A. Berruezo, R.G. Vatasescu, L. Mont, D. Tamborero, M. Sitges, D. Andreu, E. Silva, J. Brugada (Barcelona - ES)
- Evolution of patients hyper responder to cardiac resynchronisation therapy after cessation of pacing.** 1007
P. Castellant, E. Orhan, M. Fatemi, Y. Etienne, V. Valls-Bertault, J.J. Blanc (Brest - FR)
- New non-invasive algorithm for optimum fusion during CRT: long-term super response in HF patients with normal AV conduction and concordant LV lead position.** 1008
R.-G. Vatasescu, A. Berruezo, C. Iorgulescu, A. Vasile, D. Constantinescu, A. Stanciu, N. Dumitrescu, M. Dorobantu (Bucharest - RO, Barcelona - ES)
- Prospective targeting of LV lead placement to the latest segment of activation: who will need a surgical approach?** 1009
F.Z. Khan, P.A. Read, M.S. Virdee, S.P. Fynn, D.P. Dutka (Cambridge - GB)
- Signal-averaged ECG: a new reliable predictor of response to cardiac resynchronisation therapy?** 1010
A. Meiltz, H. Sunthorn, H. Burri, N. Schaerer, D. Shah (Geneva - CH)
- Novel approach for endocardial resynchronisation therapy: transapical left ventricular lead implantation.** 1011
A. Mihalcz, I. Kassai, C.S. Foldesi, A. Kardos, T. Szili-Torok (Budapest - HU, Rotterdam - NL)
- Mechanical dyssynchrony and cardiac resynchronisation therapy in heart failure patients with a narrow qrs complex.** 1012
R.J. Van Bommel, V. Delgado, C.J.W. Borleffs, M.J. Schalij, J. Gorcsan, J.J. Bax (Leiden - NL, Pittsburgh - US)
- Assesment of cardiac resynchronisation therapy in right ventricle pacemaker dependend patients.** 1013
S. Sideris, I. Skiadas, K. Gatzoulis, I. Vlasseros, G. Trantalis, N. Kalovidouris, C. Stefanadis, I. Kallikazaros (Athens - GR)
- Speckle tracking echocardiography for identification of segments of latest activation in patients undergoing cardiac resynchronisation therapy.** 1014
F.Z. Khan, P.A. Read, M.S. Virdee, S.P. Fynn, D.P. Dutka (Cambridge - GB)
- Incessant Bidirectional Ventricular Tachycardia as the Presenting Arrhythmia of Andersen-Tawil Syndrome in Two Families.** 1015
A. Laish-Farkash, E. Nof, D. Luria, H. Yonat, M. Fridman, M. Eldar, C. Antzelevitch, M. Glikson (Tel Hashomer - IL, Utica NY - US)
- Making an extra beat: studying cellular arrhythmogenic activity with a computer model.** 1016
W.P.M. Van Meerwijk, S. Umar, A. Van Der Laarse, D.A. Pijnappels, M.J. Schalij, D.L. Ypey (Leiden - NL)
- Changes in expression of the Na⁺ and K⁺ channels in human heart failure and ischaemia.** 1017
S. Partemi, P. Berne, A. Berruezo, M. Battle, L. Mont, A. Oliva, R. Brugada, J. Brugada (Rome - IT, Barcelona, Girona - ES)
- Fish oil supplementation increases expression of m-RNA of muscarinic receptors in human right atrium and influences heart rate variability.** 1018
P. Saravanan, R. Pollock, S. O'neill, N. Davidson, H. Dobrzynski (Manchester - GB)

14:00 - 18:00	POSTER SESSION IV	POSTER AREA
<p>Results of the flecainide test in relatives of patients with Brugada syndrome. F.J. Lacunza Ruiz, J.R. Gimeno-Blanes, A. Garcia-Alberola, M.J. Oliva-Sandoval, E. Garcia-Molina, E. Madrid, M. Sabater-Molina, M. Valdes (Murcia - ES)</p>		1019
<p>Haemodynamic evaluation of cardiac resynchronisation therapy in heart failure with narrow QRS complexes. G. De Roest, I.K. Russel, M.J.W. Gotte, C.P. Allaart, C.C. De Cock, A.C. Van Rossum (Amsterdam - NL)</p>		1020
<p>Similar survival benefit between heart failure etiologies in 281 elderly CRT patients. F.A. Mcgrew, E.J. Johnson, M.A. Coppess, B. Hamilton, T.A. Charlton, S. Charlton, J.J. Sims (Memphis, Moundsview - US)</p>		1021
<p>Follow-up longer than 3 years to assess prognostic power of baseline blood levels of hs-CRP and NT-proBNP in heart failure patients on cardiac resynchronisation therapy. L. Perrotta, G. Ricciardi, P. Pieragnoli, F. Sofi, A.M. Gori, R. Abbate, L. Padeletti, A. Michelucci (Florence - IT)</p>		1022
<p>Atrial fibrillation does not influence long-term response to cardiac resynchronisation therapy. S. Buck, A.H. Maass, B.A. Schoonderwoerd, D.J. Van Veldhuisen, I.C. Van Gelder (Groningen - NL)</p>		1023
<p>The predictors of ventricular arrhythmic events after cardiac resynchronisation therapy. K. Ando, Y. Soga, T. Arita, M. Goya, T. Doi, S. Shizuta, T. Kimura, M. Nobuyoshi (Kitakyushu, Kyoto - JP)</p>		1024