



SADS Foundation Quarterly Literature Review

July -September 2005

AEDs

Myers JB, French D, Webb W.

Lack of integration of automated external defibrillators with EMS response may reduce lifesaving potential of public-access defibrillation.

Prehosp Emerg Care. 2005 Jul-Sep;9(3):339-43.

PMID: 16147487 [PubMed - indexed for MEDLINE]

ARVD

Klein GJ, Krahm AD, Skanes AC, Yee R, Gula LJ.

Primary prophylaxis of sudden death in hypertrophic cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy, and dilated cardiomyopathy.

J Cardiovasc Electrophysiol. 2005 Sep;16 Suppl 1:S28-34. Review.

PMID: 16138882 [PubMed - indexed for MEDLINE]

Lemola K, Brunckhorst C, Helfenstein U, Oechslin E, Jenni R, Duru F.

Predictors of adverse outcome in patients with arrhythmogenic right ventricular dysplasia cardiomyopathy: long term experience of a tertiary care centre.

Heart. 2005 Sep;91(9):1167-72.

PMID: 16103549 [PubMed - indexed for MEDLINE]

Perez Riera AR, Antzelevitch C, Schapacknik E, Dubner S, Ferreira C.

Is there an overlap between Brugada syndrome and arrhythmogenic right ventricular cardiomyopathy/dysplasia?

J Electrocardiol. 2005 Jul;38(3):260-3. Review.

PMID: 16003713 [PubMed - indexed for MEDLINE]

Piccini JP, Nasir K, Bomma C, Tandri H, Dalal D, Tichnell C, James C, Crosson J, Calkins H.

Electrocardiographic findings over time in arrhythmogenic right ventricular dysplasia cardiomyopathy.

Am J Cardiol. 2005 Jul 1;96(1):122-6.

PMID: 15979449 [PubMed - indexed for MEDLINE]

Sako H, Hadama T, Miyamoto S, Anai H, Wada T, Takahashi N, Yoshimatsu H.

Successful surgical treatment of heart failure and ventricular tachycardia in a patient with arrhythmogenic right ventricular dysplasia with cardiomyopathy.

Circ J. 2005 Aug;69(8):996-9.

PMID: 16041175 [PubMed - indexed for MEDLINE]

Sticherling C, Zabel M.

Arrhythmogenic right ventricular dysplasia presenting as right ventricular outflow tract tachycardia.

Europace. 2005 Jul;7(4):345-7.

PMID: 15944092 [PubMed - indexed for MEDLINE]

Yano M, Yamamoto T, Ikemoto N, Matsuzaki M.

Abnormal ryanodine receptor function in heart failure.

Pharmacol Ther. 2005 Sep;107(3):377-91. Review.

PMID: 15951021 [PubMed - indexed for MEDLINE]

Brugada Syndrome

[Aramaki K, Okumura H, Shimizu M.](#)

Chest pain and ST elevation associated with fever in patients with asymptomatic Brugada syndrome: fever and chest pain in Brugada syndrome.

Int J Cardiol. 2005 Sep 1;103(3):338-9.

PMID: 16098400 [PubMed - indexed for MEDLINE]

[Dulu A, Pastores SM, McAleer E, Voigt L, Halpern NA.](#)

Brugada electrocardiographic pattern in a postoperative patient.

Crit Care Med. 2005 Jul;33(7):1634-7.

PMID: 16003074 [PubMed - indexed for MEDLINE]

[Glatter KA, Chiamvimonvat N, Viitasalo M, Wang Q, Tuteja D.](#)

Risk stratification in Brugada syndrome.

Lancet. 2005 Aug 13-19;366(9485):530-1. No abstract available.

PMID: 16099276 [PubMed - indexed for MEDLINE]

[Glatter KA, Chiamvimonvat N, Xu D.](#)

Evaluation of the critical care patient with Brugada syndrome.

Crit Care Med. 2005 Jul;33(7):1666-7. No abstract available.

PMID: 16003092 [PubMed - indexed for MEDLINE]

[Goda A, Yamashita T, Kato T, Koike A, Sagara K, Kirigaya H, Itoh H, Aizawa T, Fu LT.](#)

Pilsicainide-induced coronary vasospasm in a patient with Brugada-type electrocardiogram.

Circ J. 2005 Jul;69(7):858-60.

PMID: 15988113 [PubMed - indexed for MEDLINE]

[Grant AO.](#)

Electrophysiological basis and genetics of Brugada syndrome.

J Cardiovasc Electrophysiol. 2005 Sep;16 Suppl 1:S3-7. Review.

PMID: 16138883 [PubMed - indexed for MEDLINE]

[Haghjoo M, Arya A, Emkanjoo Z, Sadr-Ameli MA.](#)

Clinical and electrophysiologic profile of Brugada syndrome in Iranian patients.

Asian Cardiovasc Thorac Ann. 2005 Sep;13(3):241-6.

PMID: 16112997 [PubMed - indexed for MEDLINE]

[Hermida JS, Denjoy I, Jarry G, Jandaud S, Bertrand C, Delonca J.](#)

Electrocardiographic predictors of Brugada type response during Na channel blockade challenge.

Europace. 2005 Sep;7(5):447-53.

PMID: 16087108 [PubMed - indexed for MEDLINE]

[Huang CC, Chen TW, Lin FC, Huang MH.](#)

Status epilepticus as an initial presentation of Brugada syndrome: a case report.

Kaohsiung J Med Sci. 2005 Aug;21(8):387-91.

PMID: 16158883 [PubMed - indexed for MEDLINE]

[Keller DI, Barrane FZ, Gouas L, Martin J, Pilote S, Suarez V, Osswald S, Brink M, Guicheney P, Schwick N, Chahine M.](#)

A novel nonsense mutation in the SCN5A gene leads to Brugada syndrome and a silent gene mutation carrier state.

Can J Cardiol. 2005 Sep;21(11):925-31.

PMID: 16239976 [PubMed - indexed for MEDLINE]

[Lopez-Barbeito B, Lluis M, Delgado V, Jimenez S, Diaz-Infante E, Nogue-Xarau S, Brugada J.](#)

Diphenhydramine overdose and Brugada sign.

Pacing Clin Electrophysiol. 2005 Jul;28(7):730-2.

PMID: 16008813 [PubMed - indexed for MEDLINE]



[Marquez MF, Bisteni A, Medrano G, De Michelis A, Guevara M, Iturrealde P, Colin L, Hermosillo AG, Cardenas M.](#)

Dynamic electrocardiographic changes after aborted sudden death in a patient with Brugada syndrome and rate-dependent right bundle branch block.

J Electrocardiol. 2005 Jul;38(3):256-9.

PMID: 16003712 [PubMed - indexed for MEDLINE]

[Mills AT, Dasan S, Wan A.](#)

Brugada syndrome: syncope in the younger patient and the risk of sudden cardiac death.

Emerg Med J. 2005 Aug;22(8):604-6. No abstract available.

PMID: 16046779 [PubMed - indexed for MEDLINE]

[Ozin B, Atar I, Altunkeser B, Ertan C, Yildirim A, Muderrisoglu H.](#)

Typical ECG changes unmasked by ajmaline in a patient with Brugada syndrome and left bundle branch block.

Ann Noninvasive Electrocardiol. 2005 Jul;10(3):378-81.

PMID: 16029391 [PubMed - indexed for MEDLINE]

[Perez Riera AR, Antzelevitch C, Schapacknik E, Dubner S, Ferreira C.](#)

Is there an overlap between Brugada syndrome and arrhythmogenic right ventricular cardiomyopathy/dysplasia?

J Electrocardiol. 2005 Jul;38(3):260-3. Review.

PMID: 16003713 [PubMed - indexed for MEDLINE]

[Shimizu W, Aiba T, Kamakura S.](#)

Mechanisms of disease: current understanding and future challenges in Brugada syndrome.

Nat Clin Pract Cardiovasc Med. 2005 Aug;2(8):408-14. Review.

PMID: 16119703 [PubMed - indexed for MEDLINE]

[Shin SC, Ryu HM, Lee JH, Chang BJ, Shin JK, Kim HS, Heo JH, Yang DH, Park HS, Cho Y, Chae SC, Jun JE, Park WH.](#)

Prevalence of the Brugada-type ECG recorded from higher intercostal spaces in healthy Korean males.

Circ J. 2005 Sep;69(9):1064-7.

PMID: 16127187 [PubMed - indexed for MEDLINE]

[Sumiyoshi M, Nakazato Y, Tokano T, Yasuda M, Mineda Y, Nakata Y, Daida H.](#)

Sinus node dysfunction concomitant with Brugada syndrome.

Circ J. 2005 Aug;69(8):946-50.

PMID: 16041164 [PubMed - indexed for MEDLINE]

[Yousef SE, Herre JM.](#)

Brugada syndrome mimicking acute coronary syndrome.

South Med J. 2005 Aug;98(8):817-21.

PMID: 16144180 [PubMed - indexed for MEDLINE]

Channelopathies

[Akhavan A, Atanasiu R, Noguchi T, Han W, Holder N, Shrier A.](#)

Identification of the cyclic-nucleotide-binding domain as a conserved determinant of ion-channel cell-surface localization.

J Cell Sci. 2005 Jul 1;118(Pt 13):2803-12. Epub 2005 Jun 16.

PMID: 15961404 [PubMed - indexed for MEDLINE]

[Drolet B, Simard C, Mizoue L, Roden DM.](#)

Human cardiac potassium channel DNA polymorphism modulates access to drug-binding site and causes drug resistance.

J Clin Invest. 2005 Aug;115(8):2209-13. Epub 2005 Jul 14.

PMID: 16025157 [PubMed - indexed for MEDLINE]

George AL Jr.

Inherited disorders of voltage-gated sodium channels.

J Clin Invest. 2005 Aug;115(8):1990-9. Review.

PMID: 16075039 [PubMed - indexed for MEDLINE]

Jurkat-Rott K, Lehmann-Horn F.

Muscle channelopathies and critical points in functional and genetic studies.

J Clin Invest. 2005 Aug;115(8):2000-9. Review.

PMID: 16075040 [PubMed - indexed for MEDLINE]

Kass RS.

The channelopathies: novel insights into molecular and genetic mechanisms of human disease.

J Clin Invest. 2005 Aug;115(8):1986-9. Review.

PMID: 16075038 [PubMed - indexed for MEDLINE]

Priori SG, Napolitano C.

Cardiac and skeletal muscle disorders caused by mutations in the intracellular Ca²⁺ release channels.

J Clin Invest. 2005 Aug;115(8):2033-8. Review.

PMID: 16075044 [PubMed - indexed for MEDLINE]

Cardiomyopathy

Gentlesk PJ, Wiley T, Taylor AJ.

A prospective evaluation of the effect of simvastatin on heart rate variability in non-ischemic cardiomyopathy.

Am Heart J. 2005 Sep;150(3):478-83.

PMID: 16169328 [PubMed - indexed for MEDLINE]

Sheppard R, Bedi M, Kubota T, Semigran MJ, Dec W, Holubkov R, Feldman AM, Rosenblum WD, McTiernan CF, McNamara DM; IMAC Investigators.

Myocardial expression of fas and recovery of left ventricular function in patients with recent-onset cardiomyopathy.

J Am Coll Cardiol. 2005 Sep 20;46(6):1036-42.

PMID: 16168288 [PubMed - indexed for MEDLINE]

CPVT

d'Amati G, Bagattin A, Bauce B, Rampazzo A, Autore C, Basso C, King K, Romeo MD, Gallo P, Thiene G, Danieli GA, Nava A.

Juvenile sudden death in a family with polymorphic ventricular arrhythmias caused by a novel RyR2 gene mutation: evidence of specific morphological substrates.

Hum Pathol. 2005 Jul;36(7):761-7.

PMID: 16084945 [PubMed - indexed for MEDLINE]

Joshi S, Wilber DJ.

Ablation of idiopathic right ventricular outflow tract tachycardia: current perspectives.

J Cardiovasc Electrophysiol. 2005 Sep;16 Suppl 1:S52-8. Review.

PMID: 16138887 [PubMed - indexed for MEDLINE]

Yano M, Yamamoto T, Ikemoto N, Matsuzaki M.

Abnormal ryanodine receptor function in heart failure.

Pharmacol Ther. 2005 Sep;107(3):377-91. Review.

PMID: 15951021 [PubMed - indexed for MEDLINE]

Dilated Cardiomyopathy

Arbustini EA, Pasotti M, Pilotto A, Repetto A, Grasso M, Diegoli M.

Gene symbol: CMD1A. Disease: Dilated cardiomyopathy associated with conduction system disease.

Hum Genet. 2005 Jul;117(2-3):295. No abstract available.

PMID: 16156018 [PubMed - indexed for MEDLINE]



[Arbustini Eloisa AE, Diegoli M, Pasotti M, Grasso M, Marziliano M, Delogu A, Carminati M.](#)

Gene symbol: CMD1J. Disease: Dilated cardiomyopathy.

Hum Genet. 2005 Jul;117(2-3):297. No abstract available.

PMID: 16156023 [PubMed - indexed for MEDLINE]

[Bianchin MM, Walz R, Brentani RR, Martins VR.](#)

Dilated cardiomyopathy and Creutzfeldt-Jakob disease: evidence for a role of cellular prion protein in the heart?

Arch Intern Med. 2005 Jul 25;165(14):1663-4. No abstract available.

PMID: 16043687 [PubMed - indexed for MEDLINE]

[Breuckmann F, Neumann T, Kondratieva J, Wieneke H, Ross B, Nassenstein K, Barkhausen J, Kreuter A, Brockmeyer N, Erbel R.](#)

Dilated cardiomyopathy in two adult human immunodeficiency positive (HIV+) patients possibly related to highly active antiretroviral therapy (HAART).

Eur J Med Res. 2005 Sep 12;10(9):395-9.

PMID: 16183552 [PubMed - indexed for MEDLINE]

[Demirbag R, Yilmaz R, Erel O, Gultekin U, Asci D, Elbasan Z.](#)

The relationship between potency of oxidative stress and severity of dilated cardiomyopathy.

Can J Cardiol. 2005 Aug;21(10):851-5.

PMID: 16107908 [PubMed - indexed for MEDLINE]

[Duncan AM, Lim E, Gibson DG, Henein MY.](#)

Effect of dobutamine stress on left ventricular filling in ischemic dilated cardiomyopathy: pathophysiology and prognostic implications.

J Am Coll Cardiol. 2005 Aug 2;46(3):488-96.

PMID: 16053963 [PubMed - indexed for MEDLINE]

[Fazelifar AF, Arya A, Haghjoo M, Sadr-Ameli MA.](#)

Familial atrial standstill in association with dilated cardiomyopathy.

Pacing Clin Electrophysiol. 2005 Sep;28(9):1005-8.

PMID: 16176547 [PubMed - indexed for MEDLINE]

[Klein GJ, Krahn AD, Skanes AC, Yee R, Gula LJ.](#)

Primary prophylaxis of sudden death in hypertrophic cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy, and dilated cardiomyopathy.

J Cardiovasc Electrophysiol. 2005 Sep;16 Suppl 1:S28-34. Review.

PMID: 16138882 [PubMed - indexed for MEDLINE]

[Kohli V, Wasir H, Mittal S, Karlekar A, Mehta Y, Trehan N.](#)

Mitral valve repair for ischemic mitral regurgitation in dilated cardiomyopathy.

Asian Cardiovasc Thorac Ann. 2005 Sep;13(3):267-70.

PMID: 16113002 [PubMed - indexed for MEDLINE]

[Kolettis TM, Naka KK, Katsouras CS.](#)

Radiofrequency catheter ablation for electrical storm in a patient with dilated cardiomyopathy.

Hellenic J Cardiol. 2005 Sep-Oct;46(5):366-9.

PMID: 16295948 [PubMed - indexed for MEDLINE]

[Kusaba T, Tanda S, Kameyama H, Tamagaki K, Okigaki M, Hatta T, Suzuki Y, Shirayama T, Matsubara H, Sasaki S.](#)

Efficacy of biventricular pacing for dialysis-related hypotension due to idiopathic dilated cardiomyopathy.

Clin Exp Nephrol. 2005 Sep;9(3):255-9.

PMID: 16189637 [PubMed - indexed for MEDLINE]

[Maisch B, Richter A, Sandmoller A, Portig I, Pankuweit S; BMBF-Heart Failure Network.](#)

Inflammatory dilated cardiomyopathy (DCMI).

Herz. 2005 Sep;30(6):535-44. Review.

PMID: 16170686 [PubMed - indexed for MEDLINE]

[Magnusson Y, Levin MC, Eggertsen R, Nystrom E, Mobini R, Schaufelberger M, Andersson B.](#)

Ser49Gly of beta1-adrenergic receptor is associated with effective beta-blocker dose in dilated cardiomyopathy.

Clin Pharmacol Ther. 2005 Sep;78(3):221-31.

PMID: 16153393 [PubMed - indexed for MEDLINE]

[Mahon NG, Murphy RT, MacRae CA, Caforio AL, Elliott PM, McKenna WJ.](#)

Echocardiographic evaluation in asymptomatic relatives of patients with dilated cardiomyopathy reveals preclinical disease.

Ann Intern Med. 2005 Jul 19;143(2):108-15.

PMID: 16027452 [PubMed - indexed for MEDLINE]

[Matsumiya G, Monta O, Fukushima N, Sawa Y, Funatsu T, Toda K, Matsuda H.](#)

Who would be a candidate for bridge to recovery during prolonged mechanical left ventricular support in idiopathic dilated cardiomyopathy?

J Thorac Cardiovasc Surg. 2005 Sep;130(3):699-704.

PMID: 16153916 [PubMed - indexed for MEDLINE]

[Mirza M, Marston S, Willott R, Ashley C, Mogensen J, McKenna W, Robinson P, Redwood C, Watkins H.](#)

Dilated cardiomyopathy mutations in three thin filament regulatory proteins result in a common functional phenotype.

J Biol Chem. 2005 Aug 5;280(31):28498-506. Epub 2005 May 27.

PMID: 15923195 [PubMed - indexed for MEDLINE]

[Mocelin AO, Issa VS, Bacal F, Guimaraes GV, Cunha E, Bocchi EA.](#)

The influence of aetiology on inflammatory and neurohumoral activation in patients with severe heart failure: a prospective study comparing Chagas' heart disease and idiopathic dilated cardiomyopathy.

Eur J Heart Fail. 2005 Aug;7(5):869-73.

PMID: 16043406 [PubMed - indexed for MEDLINE]

[Okada H, Takemura G, Koda M, Kanoh M, Kawase Y, Minatoguchi S, Fujiwara H.](#)

Myocardial apoptotic index based on in situ DNA nick end-labeling of endomyocardial biopsies does not predict prognosis of dilated cardiomyopathy.

Chest. 2005 Aug;128(2):1060-2.

PMID: 16100212 [PubMed - indexed for MEDLINE]

[Poller W, Kuhl U, Tschoepe C, Pauschinger M, Fechner H, Schultheiss HP.](#)

Genome-environment interactions in the molecular pathogenesis of dilated cardiomyopathy.

J Mol Med. 2005 Aug;83(8):579-86. Epub 2005 Jun 2. Review.

PMID: 15931504 [PubMed - indexed for MEDLINE]

[Pratali L, Otasevic P, Rigo F, Gherardi S, Neskovic A, Picano E.](#)

The additive prognostic value of restrictive pattern and dipyridamole-induced contractile reserve in idiopathic dilated cardiomyopathy.

Eur J Heart Fail. 2005 Aug;7(5):844-51.

PMID: 16087138 [PubMed - indexed for MEDLINE]

[Rahko PS.](#)

An echocardiographic analysis of the long-term effects of carvedilol on left ventricular remodeling, systolic performance, and ventricular filling patterns in dilated cardiomyopathy.

Echocardiography. 2005 Aug;22(7):547-54.

PMID: 16060890 [PubMed - indexed for MEDLINE]

[Repetto A, Dal Bello B, Pasotti M, Agozzino M, Vigano M, Klersy C, Tavazzi L, Arbustini E.](#)

Coronary atherosclerosis in end-stage idiopathic dilated cardiomyopathy: an innocent bystander?

Eur Heart J. 2005 Aug;26(15):1519-27. Epub 2005 May 25.

PMID: 15917275 [PubMed - indexed for MEDLINE]

[Satoh M, Nakamura M, Akatsu T, Shimoda Y, Segawa I, Hiramori K.](#)

Myocardial osteopontin expression is associated with collagen fibrillogenesis in human dilated cardiomyopathy.

Eur J Heart Fail. 2005 Aug;7(5):755-62.

PMID: 16087132 [PubMed - indexed for MEDLINE]

[Sezgin N, Sezgin AT, Gullu H, Karabulut A, Barutcu I, Topal E, Yalcintas D, Temel I.](#)

Decreased serum lipoprotein levels as a guide for clinical severity in patients with idiopathic dilated cardiomyopathy.

Tohoku J Exp Med. 2005 Jul;206(3):219-24.

PMID: 15942148 [PubMed - indexed for MEDLINE]

[Singh HR, Paules M, Forbes TJ, Zilberman MV.](#)

Reversible dilated cardiomyopathy and neuroblastoma.

J Pediatr. 2005 Aug;147(2):271. No abstract available.

PMID: 16126066 [PubMed - indexed for MEDLINE]

[Sinkovec M, Petrovic D, Volk M, Peterlin B.](#)

Familial progressive sinoatrial and atrioventricular conduction disease of adult onset with sudden death, dilated cardiomyopathy, and brachydactyly. A new type of heart-hand syndrome?

Clin Genet. 2005 Aug;68(2):155-60.

PMID: 15996213 [PubMed - indexed for MEDLINE]

[Sivasankaran S, Sharland GK, Simpson JM.](#)

Dilated cardiomyopathy presenting during fetal life.

Cardiol Young. 2005 Aug;15(4):409-16.

PMID: 16014190 [PubMed - indexed for MEDLINE]

[Weng KP, Lin CC, Huang SH, Hsieh KS.](#)

Idiopathic dilated cardiomyopathy in children: a single medical center's experience.

J Chin Med Assoc. 2005 Aug;68(8):368-72.

PMID: 16138715 [PubMed - indexed for MEDLINE]

ICDs

[Alter P, Waldhans S, Plachta E, Moosdorff R, Grimm W.](#)

Complications of implantable cardioverter defibrillator therapy in 440 consecutive patients.

Pacing Clin Electrophysiol. 2005 Sep;28(9):926-32.

PMID: 16176531 [PubMed - indexed for MEDLINE]

[Brodine WN, Tung RT, Lee JK, Hockstad ES, Moss AJ, Zareba W, Hall WJ, Andrews M, McNitt S, Daubert JP; MADIT-II Research Group.](#)

Effects of beta-blockers on implantable cardioverter defibrillator therapy and survival in the patients with ischemic cardiomyopathy (from the Multicenter Automatic Defibrillator Implantation Trial-II).

Am J Cardiol. 2005 Sep 1;96(5):691-5.

PMID: 16125497 [PubMed - indexed for MEDLINE]

[Bryant J, Brodin H, Loveman E, Payne E, Clegg A.](#)

The clinical and cost-effectiveness of implantable cardioverter defibrillators: a systematic review.

Health Technol Assess. 2005 Sep;9(36):1-150, iii. Review.

PMID: 16153353 [PubMed - indexed for MEDLINE]

[Gura MT.](#)

Implantable cardioverter defibrillator therapy.

J Cardiovasc Nurs. 2005 Jul-Aug;20(4):276-87. Review.

PMID: 16000917 [PubMed - indexed for MEDLINE]

[Ten Harkel AD, Blom NA, Reimer AG, Tukkie R, Sreeram N, Bink-Boelkens MT.](#)

Implantable cardioverter defibrillator implantation in children in The Netherlands.

Eur J Pediatr. 2005 Jul;164(7):436-41. Epub 2005 Apr 21.

PMID: 15843980 [PubMed - indexed for MEDLINE]



Long QT Syndrome

[Beaufort-Krol GC, van den Berg MP, Wilde AA, van Tintelen JP, Viersma JW, Bezzina CR, Bink-Boelkens MT.](#)

Developmental aspects of long QT syndrome type 3 and Brugada syndrome on the basis of a single SCN5A mutation in childhood.

J Am Coll Cardiol. 2005 Jul;19(46):331-7.

PMID: 16022964 [PubMed - indexed for MEDLINE]

[Delisle BP, Slind JK, Kilby JA, Anderson CL, Anson BD, Balijepalli RC, Tester DJ, Ackerman MJ, Kamp TJ, January CT.](#)

Intragenic suppression of trafficking-defective KCNH2 channels associated with long QT syndrome.

Mol Pharmacol. 2005 Jul;68(1):233-40. Epub 2005 Apr 25.

PMID: 15851652 [PubMed - indexed for MEDLINE]

[Hunt DP, Tang K.](#)

Long QT syndrome presenting as epileptic seizures in an adult.

Emerg Med J. 2005 Aug;22(8):600-1.

PMID: 16046776 [PubMed - indexed for MEDLINE]

[Kaufman ES.](#)

Can common genetic variations combine to produce the long QT syndrome phenotype?

Heart Rhythm. 2005 Jul;2(7):748-9. No abstract available.

PMID: 15992733 [PubMed - indexed for MEDLINE]

[Lawrence CL, Pollard CE, Hammond TG, Valentin JP.](#)

Nonclinical proarrhythmia models: predicting Torsades de Pointes.

J Pharmacol Toxicol Methods. 2005 Jul-Aug;52(1):46-59. Review.

PMID: 15975832 [PubMed - indexed for MEDLINE]

[Lin J, Guo J, Gang H, Wojciechowski P, Wigle JT, Zhang S.](#)

Intracellular K⁺ is required for the inactivation-induced high-affinity binding of cisapride to HERG channels.

Mol Pharmacol. 2005 Sep;68(3):855-65. Epub 2005 Jun 20.

PMID: 15967876 [PubMed - indexed for MEDLINE]

[Morissette P, Hreiche R, Turgeon J.](#)

Drug-induced long QT syndrome and torsade de pointes.

Can J Cardiol. 2005 Aug;21(10):857-64. Review.

PMID: 16107909 [PubMed - indexed for MEDLINE]

[Moss AJ, Kass RS.](#)

Long QT syndrome: from channels to cardiac arrhythmias.

J Clin Invest. 2005 Aug;115(8):2018-24.

PMID: 16075042 [PubMed - indexed for MEDLINE]

[Nagra BS, Ledley GS, Kantharia BK.](#)

Marked QT prolongation and torsades de pointes secondary to acute ischemia in an elderly man taking dofetilide for atrial fibrillation: a cautionary tale.

J Cardiovasc Pharmacol Ther. 2005 Sep;10(3):191-5.

PMID: 16211208 [PubMed - indexed for MEDLINE]

[Raizada V, Skipper B, Luo W, Garza L, Hines CW, Harford AA, Zager PG, Griffith J, Raj D, Spalding CT.](#)

Renin-angiotensin polymorphisms and QTc interval prolongation in end-stage renal disease.

Kidney Int. 2005 Sep;68(3):1186-9.

PMID: 16105049 [PubMed - indexed for MEDLINE]

[Roden DM, Viswanathan PC.](#)

Genetics of acquired long QT syndrome.

J Clin Invest. 2005 Aug;115(8):2025-32. Review.

PMID: 16075043 [PubMed - indexed for MEDLINE]



Schwartz PJ.

Management of long QT syndrome.

Nat Clin Pract Cardiovasc Med. 2005 Jul;2(7):346-51. Review.

PMID: 16265560 [PubMed - indexed for MEDLINE]

Shah RR, Hondeghem LM.

Refining detection of drug-induced proarrhythmia: QT interval and TRIaD.

Heart Rhythm. 2005 Jul;2(7):758-72. Review.

PMID: 15992736 [PubMed - indexed for MEDLINE]

Shang YP, Xie XD, Wang XX, Chen JZ, Zhu JH, Tao QM, Zheng LR.

A novel splice mutation of HERG in a Chinese family with long QT syndrome.

J Zhejiang Univ Sci B. 2005 Jul;6(7):626-30.

PMID: 15973763 [PubMed - indexed for MEDLINE]

Shushi L, Kerem B, Goldmit M, Peretz A, Attali B, Medina A, Towbin JA, Kurokawa J, Kass RS, Benhorin J.

Clinical, genetic, and electrophysiologic characteristics of a new PAS-domain HERG mutation (M124R) causing Long QT syndrome.

Ann Noninvasive Electrocardiol. 2005 Jul;10(3):334-41.

PMID: 16029385 [PubMed - indexed for MEDLINE]

Stollberger C, Huber JO, Finsterer J.

Antipsychotic drugs and QT prolongation.

Int Clin Psychopharmacol. 2005 Sep;20(5):243-51. Review.

PMID: 16096514 [PubMed - indexed for MEDLINE]

Tan BH, Valdivia CR, Rok BA, Ye B, Ruwaldt KM, Tester DJ, Ackerman MJ, Makielinski JC.

Common human SCN5A polymorphisms have altered electrophysiology when expressed in Q1077 splice variants.

Heart Rhythm. 2005 Jul;2(7):741-7.

PMID: 15992732 [PubMed - indexed for MEDLINE]

Tsukahara K, Hirata T, Hirata M, Hayano M, Yano K.

QRST isointegral departure mapping after exercise in patients with congenital long QT syndrome.

J Electrocardiol. 2005 Jul;38(3):244-51.

PMID: 16003710 [PubMed - indexed for MEDLINE]

Wible BA, Hawryluk P, Ficker E, Kuryshov YA, Kirsch G, Brown AM.

HERG-Lite: a novel comprehensive high-throughput screen for drug-induced hERG risk.

J Pharmacol Toxicol Methods. 2005 Jul-Aug;52(1):136-45.

PMID: 15950494 [PubMed - indexed for MEDLINE]

Yamauchi M, Watanabe E, Yasui K, Takeuchi H, Terasawa T, Sawada K, Hishida H, Kodama I.

Prevention of ventricular extrasystole by mexiletine in patients with normal QT intervals is associated with a reduction of transmural dispersion of repolarization.

Int J Cardiol. 2005 Aug 3;103(1):92-7.

PMID: 16061129 [PubMed - indexed for MEDLINE]

Zhou J, Augelli-Szafran CE, Bradley JA, Chen X, Koci BJ, Volberg WA, Sun Z, Cordes JS.

Novel potent human ether-a-go-go-related gene (hERG) potassium channel enhancers and their in vitro antiarrhythmic activity.

Mol Pharmacol. 2005 Sep;68(3):876-84. Epub 2005 Jun 23.

PMID: 15976038 [PubMed - indexed for MEDLINE]

Short QT

Perez Riera AR, Ferreira C, Dubner SJ, Schapachnik E, Soares JD, Francis J.

Brief review of the recently described short QT syndrome and other cardiac channelopathies.

Ann Noninvasive Electrocardiol. 2005 Jul;10(3):371-7. Review.

PMID: 16029390 [PubMed - indexed for MEDLINE]

[Quigley F, Greene M, O'Connor D, Kelly F.](#)

A survey of the causes of sudden cardiac death in the under 35-year-age group.

Ir Med J. 2005 Sep;98(8):232-5. Erratum in: Ir Med J. 2005 Oct;98(9):282.

PMID: 16255113 [PubMed - indexed for MEDLINE]

[Weiss DL, Seemann G, Sachse FB, Dossel O.](#)

Modelling of short QT syndrome in a heterogeneous model of the human ventricular wall.

Europace. 2005 Sep;7 Suppl 2:105-17.

PMID: 16102508 [PubMed - indexed for MEDLINE]

Sudden Cardiac Death

[Germann CA, Perron AD.](#)

Sudden cardiac death in athletes: a guide for emergency physicians.

Am J Emerg Med. 2005 Jul;23(4):504-9. Review.

PMID: 16032621 [PubMed - indexed for MEDLINE]

[Pelliccia A, Fagard R, Bjornstad HH, Anastassakis A, Arbustini E, Assanelli D, Biffi A, Borjesson M, Carre F, Corrado D, Delise P, Dorwarth U, Hirth A, Heidbuchel H, Hoffmann E, Mellwig KP, Panhuyzen-Goedkoop N, Pisani A, Solberg EE, van-Buuren F, Vanhees L, Blomstrom-Lundqvist C, Deligiannis A, Dugmore D, Glikson M, Hoff PI, Hoffmann A, Horstkotte D, Nordrehaug JE, Oudhof J, McKenna WJ, Penco M, Priori S, Reybrouck T, Senden J, Spataro A, Thiene G; Study Group of Sports Cardiology of the Working Group of Cardiac Rehabilitation and Exercise Physiology; Working Group of Myocardial and Pericardial Diseases of the European Society of Cardiology.](#)

Recommendations for competitive sports participation in athletes with cardiovascular disease: a consensus document from the Study Group of Sports Cardiology of the Working Group of Cardiac Rehabilitation and Exercise Physiology and the Working Group of Myocardial and Pericardial Diseases of the European Society of Cardiology.

Eur Heart J. 2005 Jul;26(14):1422-45. Epub 2005 May 27. Review. No abstract available.

PMID: 15923204 [PubMed - indexed for MEDLINE]

[Quigley F, Greene M, O'Connor D, Kelly F.](#)

A survey of the causes of sudden cardiac death in the under 35-year-age group.

Ir Med J. 2005 Sep;98(8):232-5. Erratum in: Ir Med J. 2005 Oct;98(9):282.

PMID: 16255113 [PubMed - indexed for MEDLINE]

[Rubart M, Zipes DP.](#)

Mechanisms of sudden cardiac death.

J Clin Invest. 2005 Sep;115(9):2305-15. Review.

PMID: 16138184 [PubMed - indexed for MEDLINE]

[Sarkozy A, Brugada P.](#)

Sudden cardiac death and inherited arrhythmia syndromes.

J Cardiovasc Electrophysiol. 2005 Sep;16 Suppl 1:S8-20. Review.

PMID: 16138889 [PubMed - indexed for MEDLINE]

[Shah JS, Hughes DA, Sachdev B, Tome M, Ward D, Lee P, Mehta AB, Elliott PM.](#)

Prevalence and clinical significance of cardiac arrhythmia in Anderson-Fabry disease.

Am J Cardiol. 2005 Sep 15;96(6):842-6.

PMID: 16169374 [PubMed - indexed for MEDLINE]

[Shortt R, Ashbury T, Milne B.](#)

Anesthetic management of a patient with asymptomatic ventricular tachycardia.

Paediatr Anaesth. 2005 Sep;15(9):782-5.

PMID: 16101711 [PubMed - indexed for MEDLINE]

[Winslow RD, Mehta D, Fuster V.](#)

Sudden cardiac death: mechanisms, therapies and challenges.

Nat Clin Pract Cardiovasc Med. 2005 Jul;2(7):352-60. Review.

PMID: 16265561 [PubMed - indexed for MEDLINE]



Wisten A, Messner T.

Symptoms preceding sudden cardiac death in the young are common but often misinterpreted.

Scand Cardiovasc J. 2005 Jul;39(3):143-9.

PMID: 16146977 [PubMed - indexed for MEDLINE]

Wisten A, Messner T.

Young Swedish patients with sudden cardiac death have a lifestyle very similar to a control population.

Scand Cardiovasc J. 2005 Jul;39(3):137-42.

PMID: 16146976 [PubMed - indexed for MEDLINE]

Supraventricular Tachycardia

Abe K, Hamada H, Chen YJ, Abe A, Watanabe H, Fujiki Y, Yoshikawa H, Murakami T, Horigome H.

Successful management of supraventricular tachycardia in a fetus using fetal magnetocardiography.

Fetal Diagn Ther. 2005 Sep-Oct;20(5):459-62.

PMID: 16113573 [PubMed - indexed for MEDLINE]

Allison S, Henderson SO.

Slow supraventricular tachycardia in a patient on beta-blocker therapy.

Am J Emerg Med. 2005 Jul;23(4):581-2. No abstract available.

PMID: 16032646 [PubMed - indexed for MEDLINE]

Etheridge SP.

Cryoablation for supraventricular tachycardia in children: is it okay to trade success for decreased risk?

J Cardiovasc Electrophysiol. 2005 Sep;16(9):967-8. No abstract available.

PMID: 16174017 [PubMed - indexed for MEDLINE]

Fuenmayor AJ, Machacado S, Carrero L, Fuenmayor AM.

Six mechanisms of supraventricular tachycardia in the same patient: report of a case.

Int J Cardiol. 2005 Sep 1;103(3):330-4.

PMID: 16098398 [PubMed - indexed for MEDLINE]

Miscellaneous

Antzelevitch C.

Cardiac repolarization. The long and short of it.

Europace. 2005 Sep;7 Suppl 2:3-9. Review.

PMID: 16102498 [PubMed - indexed for MEDLINE]

Cannom DS.

Prevention of sudden cardiac death.

J Cardiovasc Electrophysiol. 2005 Sep;16 Suppl 1:S21-4. Review.

PMID: 16138880 [PubMed - indexed for MEDLINE]

Kong W, Rollins DL, Ideker RE, Smith WM.

Design and initial evaluation of an implantable sonomicrometer and CW Doppler flowmeter for simultaneous recordings with a multichannel telemetry system.

IEEE Trans Biomed Eng. 2005 Jul;52(7):1365-7.

PMID: 16042005 [PubMed - indexed for MEDLINE]

Rubart M, Zipes DP.

Mechanisms of sudden cardiac death.

J Clin Invest. 2005 Sep;115(9):2305-15. Review.

PMID: 16138184 [PubMed - indexed for MEDLINE]

Thiene G, Basso C, Calabrese F, Angelini A, Valente M.

Twenty years of progress and beckoning frontiers in cardiovascular pathology: cardiomyopathies.

Cardiovasc Pathol. 2005 Jul-Aug;14(4):165-9. Review.

PMID: 16009312 [PubMed - indexed for MEDLINE]





PubMed, a service of the National Library of Medicine, includes over 15 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.