



# SADS Foundation Quarterly Literature Review

January — March 2006

## Arrhythmia, general

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Common sodium channel promoter haplotype in asian subjects underlies variability in cardiac conduction.

Circulation. 2006 Jan 24;113(3):338-44. Epub 2006 Jan 16.

PMID: 16415376 [PubMed - indexed for MEDLINE]

[Bunch TJ, Ackerman MJ.](#)

Promoting arrhythmia susceptibility.

Circulation. 2006 Jan 24;113(3):330-2. No abstract available.

PMID: 16432063 [PubMed - indexed for MEDLINE]

[Delacretaz E.](#)

Clinical practice. Supraventricular tachycardia.

N Engl J Med. 2006 Mar 9;354(10):1039-51. Review. No abstract available.

PMID: 16525141 [PubMed - indexed for MEDLINE]

[Haghighi K, Kolokathis F, Gramolini AO, Waggoner JR, Pater L, Lynch RA, Fan GC, Tsiapras D, Parekh RR, Dorn GW 2nd, MacLennan DH, Kremastinos DT, Kranias EG.](#)

A mutation in the human phospholamban gene, deleting arginine 14, results in lethal, hereditary cardiomyopathy.

Proc Natl Acad Sci U S A. 2006 Jan 31;103(5):1388-93. Epub 2006 Jan 23.

PMID: 16432188 [PubMed - indexed for MEDLINE]

[Hall MC, Todd DM.](#)

Modern management of arrhythmias.

Postgrad Med J. 2006 Feb;82(964):117-25. Review.

PMID: 16461474 [PubMed - indexed for MEDLINE]

[McKeon A, Vaughan C, Delanty N.](#)

Seizure versus syncope.

Lancet Neurol. 2006 Feb;5(2):171-80. Review. Erratum in: Lancet Neurol. 2006 Apr;5(4):293.

PMID: 16426993 [PubMed - indexed for MEDLINE]

[McLennan PL, Abeywardena MY.](#)

Membrane basis for fish oil effects on the heart: linking natural hibernators to prevention of human sudden cardiac death.

J Membr Biol. 2005 Jul;206(2):85-102. Review.

PMID: 16456720 [PubMed - indexed for MEDLINE]

[Priori SG, Napolitano C.](#)

Role of genetic analyses in cardiology: part I: mendelian diseases: cardiac channelopathies.

Circulation. 2006 Feb 28;113(8):1130-5. Review.

PMID: 16505190 [PubMed - indexed for MEDLINE]

[Roberts R.](#)

Genomics and cardiac arrhythmias.

J Am Coll Cardiol. 2006 Jan 3;47(1):9-21. Epub 2005 Dec 15. Review.

PMID: 16386658 [PubMed - indexed for MEDLINE]

[Xiao YF, Sigg DC, Leaf A.](#)

The antiarrhythmic effect of n-3 polyunsaturated fatty acids: modulation of cardiac ion channels as a potential mechanism.

J Membr Biol. 2005 Jul;206(2):141-54. Review.

PMID: 16456724 [PubMed - indexed for MEDLINE]

[Zipes DP, Rubart M.](#)

Neural modulation of cardiac arrhythmias and sudden cardiac death.

Heart Rhythm. 2006 Jan;3(1):108-13. Review. No abstract available.

PMID: 16399065 [PubMed - indexed for MEDLINE]

## Brugada Syndrome

[Arbustini E, Scaffino MF, Diegoli M, Maziliano N, Grasso M, Pasotti M, Baraldi P, Zennaro RG.](#)

Gene symbol: SCN5A. Disease: Brugada syndrome.

Hum Genet. 2005 Dec;118(3-4):536. No abstract available.

PMID: 16521247 [PubMed - indexed for MEDLINE]

[Furushima H, Chinushi M, Hirono T, Sugiura H, Watanabe H, Komura S, Washizuka T, Aizawa Y.](#)

Relationship between dominant prolongation of the filtered QRS duration in the right precordial leads and clinical characteristics in Brugada syndrome.

J Cardiovasc Electrophysiol. 2005 Dec;16(12):1311-7.

PMID: 16403063 [PubMed - indexed for MEDLINE]

[Ito H, Yano K, Chen R, He Q, Curb JD.](#)

The prevalence and prognosis of a Brugada-type electrocardiogram in a population of middle-aged Japanese-American men with follow-up of three decades.

Am J Med Sci. 2006 Jan;331(1):25-9.

PMID: 16415660 [PubMed - indexed for MEDLINE]

[Notarstefano P, Pratola C, Toselli T, Ferrari R.](#)

Atrial fibrillation and recurrent ventricular fibrillation during hypokalemia in Brugada syndrome.

Pacing Clin Electrophysiol. 2005 Dec;28(12):1350-3.

PMID: 16403168 [PubMed - indexed for MEDLINE]

## Dilated Cardiomyopathy

[Cooper LT, Virmani R, Chapman NM, Frustaci A, Rodeheffer RJ, Cunningham MW, McNamara DM.](#)

National Institutes of Health-sponsored workshop on inflammation and immunity in dilated cardiomyopathy.

Mayo Clin Proc. 2006 Feb;81(2):199-204.

PMID: 16471075 [PubMed - indexed for MEDLINE]

[Fedak PW, Moravec CS, McCarthy PM, Altamentova SM, Wong AP, Skrtic M, Verma S, Weisel RD, Li RK.](#)

Altered expression of disintegrin metalloproteinases and their inhibitor in human dilated cardiomyopathy.

Circulation. 2006 Jan 17;113(2):238-45. Epub 2006 Jan 9.

PMID: 16401770 [PubMed - indexed for MEDLINE]

[Ferrazzi P, Matteucci ML, Merlo M, Iacovoni A, Rescigno G, Bottai M, Parrella P, Lorini L, Senni M, Gavazzi A.](#)  
Surgical ventricular reverse remodeling in severe ischemic dilated cardiomyopathy: the relevance of the left ventricular equator as a prognostic factor.

J Thorac Cardiovasc Surg. 2006 Feb;131(2):357-63.  
PMID: 16434265 [PubMed - indexed for MEDLINE]

[Horn S, Lueking A, Murphy D, Staudt A, Gutjahr C, Schulte K, Konig A, Landsberger M, Lehrach H, Felix SB, Cahill DJ.](#)

Profiling humoral autoimmune repertoire of dilated cardiomyopathy (DCM) patients and development of a disease-associated protein chip.

Proteomics. 2006 Jan;6(2):605-13.  
PMID: 16419013 [PubMed - indexed for MEDLINE]

[Irie H, Isomura T, Nomura F, Horii T, Hoshino J, Makinae H, Kanagawajapan HS.](#)

Novel left ventriculoplasty for nonischemic dilated cardiomyopathy with functional mitral regurgitation.

J Thorac Cardiovasc Surg. 2006 Jan;131(1):233-5. No abstract available.  
PMID: 16399321 [PubMed - indexed for MEDLINE]

[Kodama M, Ramadan MM, Mitsuma W, Okamura K, Kashimura T, Tachikawa H, Ito M, Fuse K, Hirono S, Okura Y, Kato K, Hanawa H, Watanabe K, Aizawa Y.](#)

Ventricular fibrillation in two cases with dilated cardiomyopathy and mechanical alternans.

Pacing Clin Electrophysiol. 2005 Dec;28(12):1347-9.  
PMID: 16403167 [PubMed - indexed for MEDLINE]

[Poller W, Schultheiss HP, Kuhl U.](#)

Viruses and other environmental factors as possible sources of phenotypic heterogeneity in familial dilated cardiomyopathy.

J Am Coll Cardiol. 2006 Feb 7;47(3):689-90; author reply 690. No abstract available.  
PMID: 16458162 [PubMed - indexed for MEDLINE]

[Saucier N, Richmond T, Jain G, Littmann L.](#)

Comparison of management of four patients with idiopathic dilated cardiomyopathy in a disease management program versus by a primary care physician.

Am J Cardiol. 2006 Jan 15;97(2):253-5. Epub 2005 Nov 28.  
PMID: 16442373 [PubMed - indexed for MEDLINE]

## Internal Cardiac Defibrillators

[Ellenbogen KA, Levine JH, Berger RD, Daubert JP, Winters SL, Greenstein E, Shalaby A, Schaechter A, Subacius H, Kadish A; Defibrillators in Non-Ischemic Cardiomyopathy Treatment Evaluation \(DEFINITE\) Investigators.](#)

Are implantable cardioverter defibrillator shocks a surrogate for sudden cardiac death in patients with nonischemic cardiomyopathy?

Circulation. 2006 Feb 14;113(6):776-82. Epub 2006 Feb 6.  
PMID: 16461817 [PubMed - indexed for MEDLINE]

[Gasparini M, Regoli F, Galimberti P, Priori SG.](#)

Endocardial implantation of a cardioverter defibrillator in early childhood.

J Cardiovasc Electrophysiol. 2005 Dec;16(12):1381-3.  
PMID: 16403075 [PubMed - indexed for MEDLINE]

[Goldberger Z, Lampert R.](#)

Implantable cardioverter-defibrillators: expanding indications and technologies.

JAMA. 2006 Feb 15;295(7):809-18. Review.

PMID: 16478904 [PubMed - indexed for MEDLINE]

## Long QT Syndrome

[Anderson CL, Delisle BP, Anson BD, Kilby JA, Will ML, Tester DJ, Gong Q, Zhou Z, Ackerman MJ, January CT.](#)

Most LQT2 mutations reduce Kv11.1 (hERG) current by a class 2 (trafficking-deficient) mechanism.

Circulation. 2006 Jan 24;113(3):365-73.

PMID: 16432067 [PubMed - indexed for MEDLINE]

[Corbucci HA, Haber DM, Bestetti RB, Cordeiro JA, Fioroni ML.](#)

QT interval dispersion in patients with chronic heart failure secondary to Chagas' cardiomyopathy: correlation with clinical variables of prognostic significance.

Cardiovasc Pathol. 2006 Jan-Feb;15(1):18-23.

PMID: 16414452 [PubMed - indexed for MEDLINE]

[Darbar D.](#)

Screening for genomic alterations in congenital long QT syndrome.

Heart Rhythm. 2006 Jan;3(1):56-7. No abstract available.

PMID: 16399054 [PubMed - indexed for MEDLINE]

[Kaufman ES.](#)

Efficient genotyping for congenital long QT syndrome.

JAMA. 2005 Dec 21;294(23):3027-8. No abstract available.

PMID: 16414952 [PubMed - indexed for MEDLINE]

[Koopmann TT, Alders M, Jongbloed RJ, Guerrero S, Mannens MM, Wilde AA, Bezzina CR.](#)

Long QT syndrome caused by a large duplication in the KCNH2 (HERG) gene undetectable by current polymerase chain reaction-based exon-scanning methodologies.

Heart Rhythm. 2006 Jan;3(1):52-5.

PMID: 16399053 [PubMed - indexed for MEDLINE]

[Moss AJ.](#)

QTc prolongation and sudden cardiac death: the association is in the detail.

J Am Coll Cardiol. 2006 Jan 17;47(2):368-9. No abstract available.

PMID: 16412862 [PubMed - indexed for MEDLINE]

[Napolitano C, Priori SG, Schwartz PJ, Bloise R, Ronchetti E, Nastoli J, Bottelli G, Cerrone M, Leonardi S.](#)

Genetic testing in the long QT syndrome: development and validation of an efficient approach to genotyping in clinical practice.

JAMA. 2005 Dec 21;294(23):2975-80.

PMID: 16414944 [PubMed - indexed for MEDLINE]

[Sani MU, Okeahialam BN.](#)

QTc interval prolongation in patients with HIV and AIDS.

J Natl Med Assoc. 2005 Dec;97(12):1657-61.

PMID: 16396057 [PubMed - indexed for MEDLINE]

[Schwartz PJ, Spazzolini C, Crotti L, Bathen J, Amlie JP, Timothy K, Shkolnikova M, Berul CI, Bitner-Glindzicz M, Toivonen L, Horie M, Schulze-Bahr E, Denjoy I.](#)

The Jervell and Lange-Nielsen syndrome: natural history, molecular basis, and clinical outcome.

Circulation. 2006 Feb 14;113(6):783-90. Epub 2006 Feb 6.

PMID: 16461811 [PubMed - indexed for MEDLINE]

[Straus SM, Kors JA, De Bruin ML, van der Hooft CS, Hofman A, Heeringa J, Deckers JW, Kingma JH, Sturkenboom MC, Stricker BH, Wittteman JC.](#)

Prolonged QTc interval and risk of sudden cardiac death in a population of older adults.

J Am Coll Cardiol. 2006 Jan 17;47(2):362-7.

PMID: 16412861 [PubMed - indexed for MEDLINE]

[Wiltink I, Smals OM, Holwerda NJ, Meyboom RH, de Bruin ML, Egberts TC.](#)

QTc prolongation and torsades de pointes in an elderly woman taking fluoxetine.

Am J Psychiatry. 2006 Feb;163(2):325. No abstract available.

PMID: 16449492 [PubMed - indexed for MEDLINE]

[Viitasalo M, Oikarinen L, Swan H, Glatter KA, Vaananen H, Fodstad H, Chiamvimonvat N, Kontula K, Toivonen L, Scheinman MM.](#)

Ratio of late to early T-wave peak amplitude in 24-h electrocardiographic recordings as indicator of symptom history in patients with long-QT Syndrome types 1 and 2.

J Am Coll Cardiol. 2006 Jan 3;47(1):112-20. Epub 2005 Dec 9.

PMID: 16386673 [PubMed - indexed for MEDLINE]

## Sudden Cardiac Death

[de la Grandmaison GL.](#)

Is there progress in the autopsy diagnosis of sudden unexpected death in adults?

Forensic Sci Int. 2006 Jan 27;156(2-3):138-44. Review.

PMID: 16410164 [PubMed - indexed for MEDLINE]

[Whang W, Manson JE, Hu FB, Chae CU, Rexrode KM, Willett WC, Stampfer MJ, Albert CM.](#)

Physical exertion, exercise, and sudden cardiac death in women.

JAMA. 2006 Mar 22;295(12):1399-403.

PMID: 16551711 [PubMed - indexed for MEDLINE]

## Miscellaneous

[Cavero I, Crumb W.](#)

Moving towards better predictors of drug-induced Torsade de Pointes. 2-3 November 2005, Crystal City, Virginia, USA.

Expert Opin Drug Saf. 2006 Mar;5(2):335-40.

PMID: 16503753 [PubMed - indexed for MEDLINE]

[Gauri AJ, Davis A, Hong T, Burke MC, Knight BP.](#)

Disparities in the use of primary prevention and defibrillator therapy among blacks and women.

Am J Med. 2006 Feb;119(2):167.e17-21.

PMID: 16443424 [PubMed - indexed for MEDLINE]

[Izgi C, Cevik C, Ozdemir N, Kaymaz C, Ozkan M.](#)

Serum anti-p53 antibodies do not occur in patients with heart failure due to idiopathic dilated and ischemic cardiomyopathies.

Eur J Heart Fail. 2005 Dec;7(7):1095-8.

PMID: 16397925 [PubMed - indexed for MEDLINE]

[Mok NS, Lo YK, Tsui PT, Lam CW.](#)

Ketoconazole induced torsades de pointes without concomitant use of QT interval-prolonging drug.

J Cardiovasc Electrophysiol. 2005 Dec;16(12):1375-7.

PMID: 16403073 [PubMed - indexed for MEDLINE]

[Newsom-Davis J.](#)

Neuromuscular junction channelopathies: a brief overview.

Acta Neurol Belg. 2005 Dec;105(4):181-6. Review.

PMID: 16482866 [PubMed - indexed for MEDLINE]

[Thanacoody HK, Thomas SH.](#)

Tricyclic antidepressant poisoning : cardiovascular toxicity.

Toxicol Rev. 2005;24(3):205-14. Review.

PMID: 16390222 [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.