



# SADS Foundation Quarterly Literature Review

October - December 2008

## ARVD/ARVC

[Molecular genetics of arrhythmogenic right ventricular dysplasia/cardiomyopathy.](#)

Milting H, Klauke B.

Nat Clin Pract Cardiovasc Med. 2008 Oct;5(10):E1; author reply E2. No abstract available.

PMID: 18813333 [PubMed - indexed for MEDLINE]

## Brugada Syndrome

[Brugada syndrome.](#)

Radermacher A, Mishriki YY.

Postgrad Med. 2008 Nov;120(4):112-3. No abstract available.

PMID: 19020375 [PubMed - indexed for MEDLINE]

[Letter by Behr and Camm regarding article, "Induced Brugada-type electrocardiogram, a sign for imminent malignant arrhythmias".](#)

Behr ER, Camm AJ.

Circulation. 2008 Nov 18;118(21):e701; author reply e702. No abstract available.

PMID: 19015408 [PubMed - indexed for MEDLINE]

[On Brugada syndrome.](#)

Zeller L, Shalev A.

Isr Med Assoc J. 2008 Oct;10(10):743; author reply 743. No abstract available.

PMID: 19009962 [PubMed - indexed for MEDLINE]

[Gender differences in clinical manifestations of Brugada syndrome.](#)

Benito B, Sarkozy A, Mont L, Henkens S, Berruezo A, Tamborero D, Arzamendi D, Berne P, Brugada R, Brugada P, Brugada J.

J Am Coll Cardiol. 2008 Nov 4;52(19):1567-73.

PMID: 19007594 [PubMed - indexed for MEDLINE]

[The regulation of the cardiac potassium channel \(HERG\) by caveolin-1.](#)

Lin J, Lin S, Choy PC, Shen X, Deng C, Kuang S, Wu J, Xu W.

Biochem Cell Biol. 2008 Oct;86(5):405-15.

PMID: 18923542 [PubMed - indexed for MEDLINE]

[Fragmented QRS as a marker of conduction abnormality and a predictor of prognosis of Brugada syndrome.](#)

Morita H, Kusano KF, Miura D, Nagase S, Nakamura K, Morita ST, Ohe T, Zipes DP, Wu J.

Circulation. 2008 Oct 21;118(17):1697-704. Epub 2008 Oct 6.

PMID: 18838563 [PubMed - indexed for MEDLINE]

[Reversal of Brugada electrocardiographic pattern with sodium bicarbonate solution after amitriptyline overdose.](#)

Chan HY, Chan YC, Lau FL.

Clin Toxicol (Phila). 2008 Nov;46(9):892-6.

PMID: 18788005 [PubMed - indexed for MEDLINE]

[The Brugada type 1 electrocardiographic pattern is common among Filipinos.](#)

Gervacio-Domingo G, Isidro J, Tirona J, Gabriel E, David G, Amarillo ML, Morales D, Dans A.

J Clin Epidemiol. 2008 Oct;61(10):1067-72. Epub 2008 Jun 18.

PMID: 18562166 [PubMed - indexed for MEDLINE]

**Supporting Families. Saving Lives.**

# Cardiomyopathy

## [Significance of morphological and electrophysiological left ventricular restoration in idiopathic dilated cardiomyopathy.](#)

Shimamoto T, Marui A, Takagi T, Komeda M.

Interact Cardiovasc Thorac Surg. 2008 Oct;7(5):931-2. Epub 2008 Jun 6.

PMID: 18539614 [PubMed - indexed for MEDLINE]

## [Implantable cardioverter-defibrillator therapy for primary prevention of sudden death after alcohol septal ablation of hypertrophic cardiomyopathy.](#)

Cuoco FA, Spencer WH 3rd, Fernandes VL, Nielsen CD, Nagueh S, Sturdivant JL, Leman RB, Wharton JM, Gold MR.

J Am Coll Cardiol. 2008 Nov 18;52(21):1718-23.

PMID: 19007692 [PubMed - indexed for MEDLINE]

## [Significance of left atrial volume in patients < 20 years of age with hypertrophic cardiomyopathy.](#)

Menon SC, Ackerman MJ, Cetta F, O'Leary PW, Eidem BW.

Am J Cardiol. 2008 Nov 15;102(10):1390-3. Epub 2008 Sep 11.

PMID: 18993161 [PubMed - indexed for MEDLINE]

## [Adverse events in families with hypertrophic or dilated cardiomyopathy and mutations in the MYBPC3 gene.](#)

Ehlermann P, Weichenhan D, Zehelein J, Steen H, Pribe R, Zeller R, Lehrke S, Zugck C, Ivandic BT, Katus HA.

BMC Med Genet. 2008 Oct 28;9:95.

PMID: 18957093 [PubMed - indexed for MEDLINE]

## [Long-term outcome and risk stratification in dilated cardiomyopathies.](#)

Pasotti M, Klersy C, Pilotto A, Marziliano N, Rapezzi C, Serio A, Mannarino S, Gambarin F, Favalli V, Grasso M, Agozzino M, Campana C, Gavazzi A, Febo O, Marini M, Landolina M, Mortara A, Piccolo G, Viganò M, Tavazzi L, Arbustini E.

J Am Coll Cardiol. 2008 Oct 7;52(15):1250-60.

PMID: 18926329 [PubMed - indexed for MEDLINE]

## [Circadian rhythm of appropriate implantable cardioverter defibrillator discharges in patients with hypertrophic cardiomyopathy.](#)

Kiernan TJ, Weivoda PL, Somers VK, Ommen SR, Gersh BJ.

Pacing Clin Electrophysiol. 2008 Oct;31(10):1253-8.

PMID: 18811804 [PubMed - indexed for MEDLINE]

## [Prevalence, clinical significance, and natural history of left ventricular apical aneurysms in hypertrophic cardiomyopathy.](#)

Maron MS, Finley JJ, Bos JM, Hauser TH, Manning WJ, Haas TS, Lesser JR, Udelson JE, Ackerman MJ, Maron BJ.

Circulation. 2008 Oct 7;118(15):1541-9. Epub 2008 Sep 22.

## [The dilated cardiomyopathy G159D mutation in cardiac troponin C weakens the anchoring interaction with troponin I.](#)

Baryshnikova OK, Robertson IM, Mercier P, Sykes BD.

Biochemistry. 2008 Oct 14;47(41):10950-60. Epub 2008 Sep 20.

PMID: 18803402 [PubMed - indexed for MEDLINE]

## [Embryonic stem cell therapy of heart failure in genetic cardiomyopathy.](#)

Yamada S, Nelson TJ, Crespo-Diaz RJ, Perez-Terzic C, Liu XK, Miki T, Seino S, Behfar A, Terzic A.

Stem Cells. 2008 Oct;26(10):2644-53. Epub 2008 Jul 31.

PMID: 18669912 [PubMed - indexed for MEDLINE]

## [Cardiac troponin T mutation in familial cardiomyopathy with variable remodeling and restrictive physiology.](#)

Menon SC, Michels VV, Pellikka PA, Ballew JD, Karst ML, Herron KJ, Nelson SM, Rodeheffer RJ, Olson TM.

Clin Genet. 2008 Nov;74(5):445-54. Epub 2008 Jul 21.

PMID: 18651846 [PubMed - indexed for MEDLINE]

## Cardiomyopathy cont.

### [Uptake of genetic counselling and predictive DNA testing in hypertrophic cardiomyopathy.](#)

Christiaans I, Birnie E, Bonzel GJ, Wilde AA, van Langen IM.

Eur J Hum Genet. 2008 Oct;16(10):1201-7. Epub 2008 May 14.

PMID: 18478037 [PubMed - indexed for MEDLINE]

### [Homozygous mutation of MYBPC3 associated with severe infantile hypertrophic cardiomyopathy at high frequency among the Amish.](#)

Zahka K, Kalidas K, Simpson MA, Cross H, Keller BB, Galambos C, Gurtz K, Patton MA, Crosby AH.

Heart. 2008 Oct;94(10):1326-30. Epub 2008 May 8.

PMID: 18467358 [PubMed - indexed for MEDLINE]

### [Idiopathic restrictive cardiomyopathy in children is caused by mutations in cardiac sarcomere protein genes.](#)

Kaski JP, Syrris P, Burch M, Tomé-Esteban MT, Fenton M, Christiansen M, Andersen PS, Sebire N, Ashworth M, Deanfield JE, McKenna WJ, Elliott PM.

Heart. 2008 Nov;94(11):1478-84. Epub 2008 May 8.

PMID: 18467357 [PubMed - indexed for MEDLINE]

## Long QT Syndrome

### [Acquired long QT syndrome and sudden cardiac death due to secondary hemochromatosis with multitransfusions for severe aplastic anemia.](#)

Lee NR, Park JH, Rhee KS.

Ann Hematol. 2008 Nov;87(11):933-5. Epub 2008 May 30. No abstract available.

PMID: 18509640 [PubMed - indexed for MEDLINE]

### [Long QT syndrome and short QT syndrome.](#)

Zareba W, Cygankiewicz I.

Prog Cardiovasc Dis. 2008 Nov-Dec;51(3):264-78. Review.

PMID: 19026859 [PubMed - indexed for MEDLINE]

### [Living with long QT syndrome. Slow recovery between heartbeats can cause problems, including sudden death.](#)

[No authors listed]

Harv Heart Lett. 2008 Nov;19(3):5-6. No abstract available.

PMID: 19024775 [PubMed - indexed for MEDLINE]

### [Inherited long QT syndromes: be mindful of the potassium level.](#)

Kapoor JR.

J Am Coll Cardiol. 2008 Nov 4;52(19):1605; author reply 1605-6. No abstract available.

PMID: 19007601 [PubMed - indexed for MEDLINE]

### [Long QT Syndrome.](#)

Goldenberg I, Zareba W, Moss AJ.

Curr Probl Cardiol. 2008 Nov;33(11):629-94. Review.

PMID: 18835466 [PubMed - indexed for MEDLINE]

### [Risk of cardiac events in patients with asthma and long-QT syndrome treated with beta\(2\) agonists.](#)

Thottathil P, Acharya J, Moss AJ, Jons C, McNitt S, Goldenberg I, Zareba W, Kaufman E, Qi M, Robinson JL; International Long QT Syndrome Investigative Group.

Am J Cardiol. 2008 Oct 1;102(7):871-4. Epub 2008 Jul 17.

PMID: 18805113 [PubMed - indexed for MEDLINE]

### [Do patients with long QT syndrome remain at risk for sudden cardiac death after 40 years of age?](#)

Postema PG, Wilde AA.

Nat Clin Pract Cardiovasc Med. 2008 Oct;5(10):602-3. Epub 2008 Jul 29.

PMID: 18665134 [PubMed - indexed for MEDLINE]

[Targeted deletion of \*kcne2\* impairs ventricular repolarization via disruption of \*I\(K,slow1\)\* and \*I\(to,f\)\*.](#)

Roepke TK, Kontogeorgis A, Ovanez C, Xu X, Young JB, Purtell K, Goldstein PA, Christini DJ, Peters NS, Akar FG, Gutstein DE, Lerner DJ, Abbott GW.

FASEB J. 2008 Oct;22(10):3648-60. Epub 2008 Jul 4.

PMID: 18603586 [PubMed - indexed for MEDLINE]

## Sudden Cardiac Death

[Epidemiology of sudden cardiac death: clinical and research implications.](#)

Chugh SS, Reinier K, Teodorescu C, Evanado A, Kehr E, Al Samara M, Mariani R, Gunson K, Jui J.

Prog Cardiovasc Dis. 2008 Nov-Dec;51(3):213-28. Review.

PMID: 19026856 [PubMed - indexed for MEDLINE]

[Workup of the cardiac arrest survivor: for the symposium on sudden cardiac death for progress in cardiovascular diseases.](#)

Subbiah R, Gula LJ, Klein GJ, Skanes AC, White J, Yee R, Krahn AD.

Prog Cardiovasc Dis. 2008 Nov-Dec;51(3):195-203. Review.

PMID: 19026854 [PubMed - indexed for MEDLINE]

[Preventing tomorrow's sudden cardiac death today: dissemination of effective therapies for sudden cardiac death prevention.](#)

Al-Khatib SM, Sanders GD, Carlson M, Cicic A, Curtis A, Fonarow GC, Groeneveld PW, Hayes D, Heidenreich P, Mark D, Peterson E, Prystowsky EN, Sager P, Salive ME, Thomas K, Yancy CW, Zareba W, Zipes D.

Am Heart J. 2008 Oct;156(4):613-22. Epub 2008 Jul 26.

PMID: 18926144 [PubMed - indexed for MEDLINE]

[Modern noninvasive risk stratification in primary prevention of sudden cardiac death.](#)

Kreuz J, Lickfett LM, Schwab JO.

J Interv Card Electrophysiol. 2008 Oct;23(1):23-8. Epub 2008 May 21. Review.

PMID: 18493844 [PubMed - indexed for MEDLINE]

## Sudden Infant Death Syndrome (SIDS)

[Cardiac ion channel gene mutations in sudden infant death syndrome.](#)

Otagiri T, Kijima K, Osawa M, Ishii K, Makita N, Matoba R, Umetsu K, Hayasaka K.

Pediatr Res. 2008 Nov;64(5):482-7.

PMID: 18596570 [PubMed - indexed for MEDLINE]

## Miscellaneous

[Risks and challenges of implantable cardioverter-defibrillators in young adults.](#)

Sherrid MV, Daubert JP.

Prog Cardiovasc Dis. 2008 Nov-Dec;51(3):237-63. Review.

PMID: 19026858 [PubMed - indexed for MEDLINE]

[Public access defibrillators and fire extinguishers: are comparisons reasonable?](#)

Mell HK, Sayre MR.

Prog Cardiovasc Dis. 2008 Nov-Dec;51(3):204-12. Review.

PMID: 19026855 [PubMed - indexed for MEDLINE]

[A new ECG sign of proximal LAD occlusion.](#)

de Winter RJ, Verouden NJ, Wellens HJ, Wilde AA; Interventional Cardiology Group of the Academic Medical Center.

N Engl J Med. 2008 Nov 6;359(19):2071-3. No abstract available.

PMID: 18987380 [PubMed - indexed for MEDLINE]

Misc. cont.

[The importance of routine QT interval measurement in rhythm interpretation.](#)

Hutton DM.

Dynamics. 2008 Fall;19(3):29-33. Review.

PMID: 18773713 [PubMed - indexed for MEDLINE]

[The development of CPR.](#)

McLennan S.

N Z Med J. 2008 Oct 17;121(1284):71-7.

PMID: 18953389 [PubMed - indexed for MEDLINE]

[Genetic determinants of sudden cardiac death.](#)

Noseworthy PA, Newton-Cheh C.

Circulation. 2008 Oct 28;118(18):1854-63. Review. No abstract available.

PMID: 18955676 [PubMed - indexed for MEDLINE]

