



SADS Foundation Quarterly Literature Review

July—September 2009

ARVD/ARVC

[Electrocardiographic features of arrhythmogenic right ventricular dysplasia.](#)

Jain R, Dalal D, Daly A, Tichnell C, James C, Evenson A, Jain R, Abraham T, Tan BY, Tandri H, Russell SD, Judge D, Calkins H.

Circulation. 2009 Aug 11;120(6):477-87. Epub 2009 Jul 27.

PMID: 19635971 [PubMed - indexed for MEDLINE]

[Catheter ablation of ventricular tachycardia in arrhythmogenic right ventricular dysplasia.](#)

Arruda M, Armaganijan L, Fahmy T, Di Biase L, Patel D, Natale A.

J Interv Card Electrophysiol. 2009 Aug;25(2):129-33. Epub 2008 Oct 31. Review.

PMID: 18975068 [PubMed - indexed for MEDLINE]

[Myocyte necrosis underlies progressive myocardial dystrophy in mouse *dsg2*-related arrhythmogenic right ventricular cardiomyopathy.](#)

Pilichou K, Remme CA, Basso C, Campian ME, Rizzo S, Barnett P, Scicluna BP, Bauce B, van den Hoff MJ, de Bakker JM, Tan HL, Valente M, Nava A, Wilde AA, Moorman AF, Thiene G, Bezzina CR.

J Exp Med. 2009 Aug 3;206(8):1787-802. Epub 2009 Jul 27.

PMID: 19635863 [PubMed - indexed for MEDLINE]

[Prevalence and pathophysiologic attributes of ventricular dyssynchrony in arrhythmogenic right ventricular dysplasia/cardiomyopathy.](#)

Tops LF, Prakasa K, Tandri H, Dalal D, Jain R, Dimaano VL, Dombroski D, James C, Tichnell C, Daly A, Marcus F, Schalij MJ, Bax JJ, Bluemke D, Calkins H, Abraham TP.

J Am Coll Cardiol. 2009 Jul 28;54(5):445-51.

PMID: 19628120 [PubMed - indexed for MEDLINE]

[Cardiomyopathies: New test for arrhythmogenic right ventricular cardiomyopathy.](#)

van Tintelen JP, Hauer RN.

Nat Rev Cardiol. 2009 Jul;6(7):450-1.

PMID: 19554004 [PubMed - indexed for MEDLINE]

[Echocardiographic tissue deformation imaging quantifies abnormal regional right ventricular function in arrhythmogenic right ventricular dysplasia/cardiomyopathy.](#)

Teske AJ, Cox MG, De Boeck BW, Doevendans PA, Hauer RN, Cramer MJ.

J Am Soc Echocardiogr. 2009 Aug;22(8):920-7. Epub 2009 Jun 23.

PMID: 19553080 [PubMed - indexed for MEDLINE]

Brugada Syndrome

[Brugada syndrome presenting as an "acute myocardial infarction".](#)

Gallahue FE, Uzgiris R, Burke R, Abrahams W.

J Emerg Med. 2009 Jul;37(1):15-20. Epub 2008 Apr 10.

PMID: 18403174 [PubMed - indexed for MEDLINE]

[Computer simulation of atypical Brugada syndrome.](#)

Ryzhii E, Wei D.

J Electrocardiol. 2009 Jul-Aug;42(4):319-27. Epub 2009 Feb 28.

PMID: 19249796 [PubMed - indexed for MEDLINE]

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[Use of ECMO to temporize circulatory instability during severe Brugada electrical storm.](#)

Pagel PS, Lilly RE, Nicolosi AC.
Ann Thorac Surg. 2009 Sep;88(3):982-3.
PMID: 19699933 [PubMed - indexed for MEDLINE]

[Brugada syndrome: diagnostic pitfalls.](#)

Lehmann MH, Brugada R.
J Emerg Med. 2009 Jul;37(1):79-81; author reply 81-2. Epub 2009 Mar 25. No abstract available.
PMID: 19321285 [PubMed - indexed for MEDLINE]

[Drug-induced Brugada syndrome.](#)

Yap YG, Behr ER, Camm AJ.
Europace. 2009 Aug;11(8):989-94. Epub 2009 May 29. Review.
PMID: 19482855 [PubMed - indexed for MEDLINE]

[Novel human pathological mutations. Gene symbol: SCN5A. Disease: Brugada Syndrome.](#)

Crotti L, Pedrazzini M, Insolia R, Cuoretti A, Ghidoni A, Dagradi F, Taravelli E, Chieffo E, Vicentini A, Schwartz PJ.
Hum Genet. 2009 Aug;126(2):339. No abstract available.
PMID: 19694019 [PubMed - indexed for MEDLINE]

[Brugada syndrome \(sudden unexpected death syndrome\): perioperative and anesthetic management in oral and maxillofacial surgery.](#)

Theodotou N, Cillo JE Jr.
J Oral Maxillofac Surg. 2009 Sep;67(9):2021-5. No abstract available.
PMID: 19686944 [PubMed - indexed for MEDLINE]

[Surface ECG characteristics of ventricular tachyarrhythmias before degeneration into ventricular fibrillation in patients with Brugada-type ECG.](#)

Ohkubo K, Watanabe I, Okumura Y, Ashino S, Kofune M, Ohta M, Nakai T, Kunimoto S, Kasamaki Y, Hirayama A.
Int Heart J. 2009 Jul;50(4):477-87.
PMID: 19609052 [PubMed - indexed for MEDLINE]

[Effects of verapamil on anterior ST segment and ventricular fibrillation cycle length in patients with Brugada syndrome.](#)

Chinushi M, Iijima K, Tagawa M, Komura S, Furushima H, Aizawa Y.
J Electrocardiol. 2009 Jul-Aug;42(4):367-73. Epub 2009 Apr 7.
PMID: 19356768 [PubMed - indexed for MEDLINE]

Cardiomyopathy

[Splicing and dilated cardiomyopathy one gene to rule them all?](#)

Macrae CA, McKenna WJ.,
J Am Coll Cardiol. 2009 Sep 1;54(10):942-3. No abstract available.
PMID: 19712805 [PubMed - indexed for MEDLINE]

[Myocardial bridging, a frequent component of the hypertrophic cardiomyopathy phenotype, lacks systematic association with sudden cardiac death.](#)

Basso C, Thiene G, Mackey-Bojack S, Frigo AC, Corrado D, Maron BJ.
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PMID: 19406869 [PubMed - indexed for MEDLINE]

[Natural history of dilated cardiomyopathy: from asymptomatic left ventricular dysfunction to heart failure--a subgroup analysis from the Trieste Cardiomyopathy Registry.](#)

Aleksova A, Sabbadini G, Merlo M, Pinamonti B, Barbati G, Zecchin M, Bussani R, Silvestri F, Iorio AM, Stolfo D, Dal Ferro M, Dragos AM, Meringolo G, Pyxaras S, Lo Giudice F, Perkan A, di Lenarda A, Sinagra G.
J Cardiovasc Med (Hagerstown). 2009 Sep;10(9):699-705.
PMID: 19474760 [PubMed - indexed for MEDLINE]

[A functional and structural study of troponin C mutations related to hypertrophic cardiomyopathy.](#)

Pinto JR, Parvatiyar MS, Jones MA, Liang J, Ackerman MJ, Potter JD.
J Biol Chem. 2009 Jul 10;284(28):19090-100. Epub 2009 May 12.
PMID: 19439414 [PubMed - indexed for MEDLINE]

[Genetic counseling and cardiac care in predictively tested hypertrophic cardiomyopathy mutation carriers: the patients' perspective.](#)

Christiaans I, van Langen IM, Birnie E, Bonsel GJ, Wilde AA, Smets EM.
Am J Med Genet A. 2009 Jul;149A(7):1444-51.
PMID: 19533783 [PubMed - indexed for MEDLINE]

[Treating children with idiopathic dilated cardiomyopathy \(from the Pediatric Cardiomyopathy Registry\).](#)

Harmon WG, Sleeper LA, Cuniberti L, Messere J, Colan SD, Orav EJ, Towbin JA, Wilkinson JD, Lipshultz SE.
Am J Cardiol. 2009 Jul 15;104(2):281-6. Epub 2009 Jun 3.
PMID: 19576361 [PubMed - indexed for MEDLINE]

[Stressing the giant: a new approach to understanding dilated cardiomyopathy.](#)

Greaser ML.
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PMID: 19555694 [PubMed - indexed for MEDLINE]

[Ventricular arrhythmia following alcohol septal ablation for obstructive hypertrophic cardiomyopathy.](#)

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[Mutations in ribonucleic acid binding protein gene cause familial dilated cardiomyopathy.](#)

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[Left ventricular outflow tract obstruction as a risk factor for sudden cardiac death in hypertrophic cardiomyopathy.](#)

Efthimiadis GK, Parcharidou DG, Giannakoulas G, Pagourelis ED, Charalampidis P, Savvopoulos G, Ziakas A, Karvounis H, Styliadis IH, Parcharidis GE.
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PMID: 19699347 [PubMed - indexed for MEDLINE]

[Case of the month. Idiopathic dilated cardiomyopathy.](#)

Parker T.
JAAPA. 2009 Jul;22(7):70. No abstract available.
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[Expanded spectrum of gene causing both hypertrophic cardiomyopathy and dilated cardiomyopathy.](#)

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[Frequency and predictors of tachycardia-induced cardiomyopathy in patients with persistent atrial flutter.](#)

Pizzale S, Lemery R, Green MS, Gollob MH, Tang AS, Birnie DH.
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[Cardiac ankyrin repeat protein gene \(ANKRD1\) mutations in hypertrophic cardiomyopathy.](#)

Arimura T, Bos JM, Sato A, Kubo T, Okamoto H, Nishi H, Harada H, Koga Y, Moulik M, Doi YL, Towbin JA, Ackerman MJ, Kimura A.
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PMID: 19589435 [PubMed - indexed for MEDLINE]

[Left ventricular global transcriptional profiling in human end-stage dilated cardiomyopathy.](#)

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[Genetic characterization of familial CPVT after 30 years.](#)

Beery TA, Shah MJ, Benson DW.
Biol Res Nurs. 2009 Jul;11(1):66-72. Epub 2009 Apr 26.
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Long QT Syndrome

[Charcot-Marie-Tooth type 1a in a child with Long QT syndrome.](#)

Losito L, De Rinaldis M, Gennaro L, Priori SG, Bloise R, Bassi MT, Bresolin N, Trabacca A.
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PMID: 19261294 [PubMed - indexed for MEDLINE]

[Role of congenital long-QT syndrome in unexplained sudden infant death: proposal for an electrocardiographic screening in relatives.](#)

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[The Meaning of Lethal Events in Infants With Long QT Syndrome.](#)

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[Clinical implications for patients with long QT syndrome who experience a cardiac event during infancy.](#)

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J Interv Card Electrophysiol. 2009 Sep;25(3):235-8. Epub 2009 Jan 16.
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Short QT

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Sudden Cardiac Death

[Sudden death and use of stimulant medications in youths.](#)

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Miscellaneous

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