



SICK SINUS SYNDROME

RMA ID Number	Reference List for RMA328-3 as at June 2022
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68150	Acosta Martinez J, Sousa DR, Portero JN, et al (2011). [Comment] Sinus node dysfunction due to lithium intoxication. <i>Rev Esp Cardiol</i> , 64(3): 243-4.
68128	Adan V, Crown LA (2003). Diagnosis and treatment of sick sinus syndrome. <i>Am Fam Physician</i> , 67(8): 1725-32.
103269	Agarwal A, Kumar T, Ravindranath KS, et al (2015). Sinus node dysfunction complicating viper bite. <i>Asian Cardiovasc Thorac Ann</i> , 23(2): 212-4.
103267	Agarwal M, Bhushan D (2016). Sinus node dysfunction: A rare side effect of tigecyclin. <i>J Assoc Physicians India</i> , 64(10): 112.
69291	Akoum N, McGann C, Vergara G, et al (2012). Atrial fibrosis quantified using late gadolinium enhancement MRI is associated with sinus node dysfunction requiring pacemaker implant. <i>J Cardiovasc Electrophysiol</i> , 23(1): 44-50.
68129	Alboni P, Gianfranchi L, Brignole M (2009). Treatment of persistent sinus bradycardia with intermittent symptoms: are guidelines clear? <i>Europace</i> , 11: 562-4.
103270	Al-Ghamdi B, Mallawi Y, Shafquat A, et al (2016). Predictors of permanent pacemaker implantation after coronary artery bypass grafting and valve surgery in adult patients in current surgical era. <i>Cardiol Res</i> , 7(4): 123-9.
103271	Ali M, Pham AN, Pooley RA, et al (2020). Three-dimensional printing facilitates surgical planning for resection of an atypical cardiac myxoma. <i>J Card Surg</i> , 35(10): 2863-5.
68130	Amin AS, Asghari-Roodsari A, Tan HL (2010). Cardiac sodium channelopathies. <i>Pflugers Arch</i> , 460(2): 223-37.
68131	Araki T, Namura M (2003). Right atrial tumor and sick sinus syndrome. <i>Intern Med</i> , 42(5): 450-1.
103284	Athapathu AS, Arunath V, Aruppala AA, et al (2020). Delayed-onset sinus node dysfunction in a child victim of Russell's viper bite. <i>Asian Cardiovasc Thorac Ann</i> , 28(4): 213-5. [Abstract]
103272	Babapoor-Farrokhran S, Batnyam U, Wiener PC, et al (2020). Atrioventricular and sinus node dysfunction in stable COVID-19 patients. <i>SN Compr Clin Med</i> , Online ahead of print.
69292	Baldesberger S, Bauersfeld U, Candinas R, et al (2008). Sinus node disease and arrhythmias in the long-term follow-up of former professional cyclists. <i>Eur Heart J</i> , 29(1): 71-8.
101813	Ball S, Ghosh RK, Wongsangsak S, et al (2019). Cardiovascular toxicities of immune checkpoint inhibitors: JACC review topic of the week. <i>J Am Coll Cardiol</i> , 74(13): 1714-27.
63785	Barkin RL, Barkin SJ, Barkin DS (2006). Propoxyphene (dextropropoxyphene): a critical review of a weak opioid analgesic that should remain in antiquity. <i>Am J Ther</i> , 13(6): 534-42.

69293	Bayramoglu Z, Caynak B, Oral K, et al (2012). Left atrial myxoma with neovascularization presenting as a sick sinus syndrome. <i>Heart Surg Forum</i> , 15(4): E200-3. [Abstract]
69294	Beeton A (2011). Dextropropoxyphene is dead? Long live.... <i>South Afr J Anaesth Analg</i> , 17(4): 276-80.
100262	Bellister SA, Dennis BM, Guillamondegui OD (2017). Blunt and penetrating cardiac trauma. <i>Surg Clin North Am</i> , 97(5): 1065-76.
101979	Bockstall KE, Link MS (2012). A primer on arrhythmias in patients with hypertrophic cardiomyopathy. <i>Curr Cardiol Rep</i> , 14(5): 552-62.
69295	Bognolo DA, Rabow FI, Vijayanagar RR, et al (1982). Traumatic sinus node dysfunction. <i>Ann Emerg Med</i> , 11(6): 319-21. [Abstract]
68166	Breuckmann F, Barkhausen J, Erbel R (2006). Cardiac involvement of acute myeloid leukaemia. <i>Heart</i> , 92(8): 1095.
68132	Brignole M (2002). Sick sinus syndrome. <i>Clin Geriatr Med</i> , 18: 211-27.
68867	Calvo N, Brugada J, Sitges M, et al (2012). Atrial fibrillation and atrial flutter in athletes. <i>Br J Sports Med</i> , 46(Suppl 1): i37-43.
103273	Chan CS, Lin YK, Chen YC, et al (2019). Heart failure differentially modulates natural (sinoatrial node) and ectopic (pulmonary veins) pacemakers: mechanism and therapeutic implication for atrial fibrillation. <i>Int J Mol Sci</i> , 20(13): 3224.
103274	Chen J, Norling LV, Cooper D (2021). Cardiac dysfunction in rheumatoid arthritis: The role of inflammation. <i>Cells</i> , 10(4): 881.
103275	Chinnasami S, Rathore C, Duncan JS (2013). Sinus node dysfunction: an adverse effect of lacosamide. <i>Epilepsia</i> , 54(6): e90-3.
103276	Cho MS, Heo R, Jin X, et al (2018). Sick sinus syndrome after the maze procedure performed concomitantly with mitral valve surgery. <i>J Am Heart Assoc</i> , 7(19): e009629.
103277	Choi SH, Choi SL, Lee BY, et al (2015). Tachycardia-bradycardia syndrome in a patient with atrial fibrillation: a case report. <i>Korean J Anesthesiol</i> , 68(4): 415-9.
68133	Chou PH, Lin CC, Lee CP, et al (2010). [Comment] Quetiapine-induced reversible sick sinus syndrome. <i>Psychiatry Clin Neurosci</i> , 64(4): 444-5.
103278	Clapp B, Amin M, Dodoo C, et al (2020). New onset cardiac arrhythmias after metabolic and bariatric surgery. <i>JLS</i> , 24(4): e2020.00067.
101823	Clay-Weinfeld K, Callans M (2019). Common postcardiothoracic surgery arrhythmias. <i>Crit Care Nurs Clin North Am</i> , 31(3): 367-88.
103279	Cracana I, Vasilcu TF, Mardare A, et al (2016). Severe amiodarone-induced bradycardia conceals sick sinus syndrome: case report. <i>Rev Med Chir Soc Med Nat Iasi</i> , 120(1): 110-3. [Abstract]
103280	Dadlani R, Challam K, Garg A, et al (2010). Can bradycardia pose as a "red herring" in neurosurgery? Surgical stress exposes an asymptomatic sick sinus syndrome: Diagnostic and management dilemmas. <i>Indian J Crit Care Med</i> , 14(4): 212-6.
103281	De Ponti R, Marazzato J, Bagliani G, et al (2018). Sick sinus syndrome. <i>Card Electrophysiol Clin</i> , 10(2): 183-195.
103282	Detta N, Frisso G, Limongelli G, et al (2014). Genetic analysis in a family affected by sick sinus syndrome may reduce the sudden death risk in a young aspiring competitive athlete. <i>Int J Cardiol</i> , 170(3): e63-5.
103283	Dilaveris P, Tsioufis C, Gatzoulis K, et al (2015). Extreme prolongation of sinus node recovery time in a coronary artery disease patient. <i>Int J Cardiol</i> , 190: 260-1.
68134	Dobrzynski H, Boyett MR, Anderson RH (2007). New insights into pacemaker activity: promoting understanding of sick sinus syndrome. <i>Circulation</i> , 115(14): 1921-32.
101833	Donnellan E, Wazni OM, Saliba WI, et al (2020). Prevalence, incidence, and impact on mortality of conduction system disease in transthyretin cardiac amyloidosis. <i>Am J Cardiol</i> , 128: 140-6.

68939	Elizari MV, Chiale PA (1993). Cardiac arrhythmias in Chagas' heart disease. <i>J Cardiovasc Electrophysiol</i> , 4(5): 596-608.
69296	Elliot P, McKenna W (2009). Atrial fibrillation and other atrial tachyarrhythmias in hypertrophic cardiomyopathy. Retrieved 11 September 2013, from http://www.uptodate.com/contents/atrial-fibrillation-and-other-atrial-tachyarrhythmias-in-hypertrophic-cardiomyopathy
101845	El-Menyar A, Al Thani H, Zarour A, et al (2012). Understanding traumatic blunt cardiac injury. <i>Ann Card Anaesth</i> , 15(4): 287-95.
101846	Fadel R, El-Menyar A, ElKafrawy S, et al (2019). Traumatic blunt cardiac injuries: An updated narrative review. <i>Int J Crit Illn Inj Sci</i> , 9(3): 113-9.
103285	Fogaca da Mata M, Rebelo M, Sousa HS, et al (2021). Sinus node dysfunction in an adolescent with systemic lupus erythematosus. <i>Lupus</i> , 30(2): 342-6.
69297	Furlanello F, Pedrinaazzi C, Inama G, et al (2008). The intriguing problem of atrial fibrillation in competitive athletes. <i>Minerva Cardioangiol</i> , 56(6): 659-66. [Abstract]
103286	Garcia Ropero A, Acena Navarro A, Farre Muncharaz J (2015). Cardiac amyloidosis and pacemakers: could devices delay diagnosis? <i>Rev Esp Cardiol (Engl Ed)</i> , 68(3): 251.
103287	Gawalko M, Balsam P, Lodzinski P, et al (2020). Cardiac arrhythmias in autoimmune diseases. <i>Circ J</i> , 84(5): 685-94.
103288	Gazendam N, Yeung C, Baranchuk A (2020). Lyme carditis presenting as sick sinus syndrome. <i>J Electrocardiol</i> , 59: 65-7.
103289	Gorla SR, Raja KR, Sokoloski MC, et al (2018). Sinus node dysfunction masquerading as complete atrioventricular block in the setting of atrial parasystole after heart transplantation. <i>J Electrocardiol</i> , 51(3): 555-8.
68135	Goto S (2011). [Comment] Use of statins and recurrence of atrial fibrillation after catheter ablation or electrical cardioversion: an old question revisited. <i>Thromb Haemost</i> , 106(2): 187-8.
101856	Grabie N, Lichtman AH, Padera R (2019). T cell checkpoint regulators in the heart. <i>Cardiovasc Res</i> , 115(5): 869-77.
68136	Gregoratos G (2003). Sick sinus syndrome. <i>Circulation</i> , 108: e143-4.
69298	Gugneja M (2011). Paroxysmal supraventricular tachycardia. Retrieved 11 September 2013, from http://www.uptodate.com/contents/atrial-fibrillation-and-other-atrial-tachyarrhythmias-in-hypertrophic-cardiomyopathy
103290	Hada M, Miyazaki S, Kajiyama T, et al (2019). Catheter ablation of paroxysmal atrial fibrillation in patients with sick sinus syndrome. <i>Heart Vessels</i> , 34(3): 503-8.
103291	Hansen SM, Riahi S, Hjortshoj S, et al (2017). Mortality and risk of cardiac complications among immediate survivors of accidental electric shock: a Danish nationwide cohort study. <i>BMJ Open</i> , 7(8): e015967.
103292	Haq M, Patel A, Guglin M (2014). Cardiac lymphoma: sinus pauses disappear after chemotherapy. <i>Ann Hematol</i> , 93(5): 891-2.
68137	Haqqani HM, Kalman JM (2007). Aging and sinoatrial node dysfunction: Musings on the not-so-funny side. <i>Circulation</i> , 115: 1178-9.
103293	Harada K, Murakami S, Tokumasu K, et al (2019). Myxedema coma accompanied by sick sinus syndrome and hypoventilation: A case report. <i>J Gen Fam Med</i> , 20(5): 206-8.
103294	Harrington M (2014). The heart of an endurance athlete. <i>Lab Anim (NY)</i> , 43(7): 223.
103295	Haugaa KH, Haland TF, Leren IS, et al (2016). Arrhythmogenic right ventricular cardiomyopathy, clinical manifestations, and diagnosis. <i>Europace</i> , 18(7): 965-72.
103296	Herrmann FE, Wellmann P, Sadoni S, et al (2018). Sinus node dysfunction after heart transplantation-An analysis of risk factors and atrial pacing burden. <i>Clin Transplant</i> , 32(3): e13202.

68138	Herrmann S, Fabritz F, Layh B, et al (2011). Insights into sick sinus syndrome from an inducible mouse model. <i>Cardiovasc Res</i> , 90(1): 38-48.
101864	Higuchi S, Minami Y, Shoda M, et al (2020). Prognostic implication of first-degree atrioventricular block in patients with hypertrophic cardiomyopathy. <i>J Am Heart Assoc</i> , 9(6): e015064.
103298	Homoud MK (2020). Sinus node dysfunction: Epidemiology, etiology, and natural history. Retrieved 5 November 2021, from https://www.uptodate.com/contents/sinus-node-dysfunction-epidemiology-etiology-and-natural-history
103297	Homoud MK (2021). Sinus node dysfunction: Clinical manifestations, diagnosis, and evaluation. Retrieved 5 November 2021, from https://www.uptodate.com/contents/sinus-node-dysfunction-clinical-manifestations-diagnosis-and-evaluation
103299	Homoud MK (2021). Sinus node dysfunction: Treatment. Retrieved 5 November 2021, from https://www.uptodate.com/contents/sinus-node-dysfunction-treatment
103300	Hsu CY, Su YW, Chen SC (2018). Sick sinus syndrome associated with anti-programmed cell death-1. <i>J Immunother Cancer</i> , 6(1): 72.
103301	Huang R, Yan L, Lei Y, et al (2021). Hypothyroidism and complicated sick sinus syndrome and acute severe psychiatric disorder: A case report. <i>Int Med Case Rep J</i> , 14: 171-6.
103302	Ichikawa R, Sumitomo N, Komori A, et al (2011). The follow-up evaluation of electrocardiogram and arrhythmias in children with fulminant myocarditis. <i>Circ J</i> , 75(4): 932-8.
103303	Imori Y, Iwasaki YK, Takano H, et al (2018). Takotsubo syndrome with severe bradycardia initiated by seizure: Is the implantation of a permanent pacemaker necessary? <i>BMJ Case Rep</i> , 2018: bcr2018226480.
103304	Iqbal AM, Mubarik A, Cheetirala VG, et al (2019). Marijuana induced sick sinus syndrome: A case report. <i>Am J Case Rep</i> , 20: 882-5.
68139	Ishida R, Shido A, Kishimoto T, et al (2007). Prolonged cardiac arrest unveiled silent sick sinus syndrome during general and epidural anesthesia. <i>J Anesth</i> , 21(1): 62-5.
103305	Jackson LR 2nd, Rathakrishnan B, Campbell K, et al (2017). Sinus node dysfunction and atrial fibrillation: A reversible phenomenon? <i>Pacing Clin Electrophysiol</i> , 40(4): 442-50.
103306	Jensen PN, Gronroos NN, Chen LY, et al (2014). Incidence of and risk factors for sick sinus syndrome in the general population. <i>J Am Coll Cardiol</i> , 64(6): 531-8.
68140	Ji KH, Kim DH, Yun CH (2009). Severe obstructive sleep apnea syndrome with symptomatic daytime bradyarrhythmia. <i>J Clin Sleep Med</i> , 5(3): 246-7.
103402	John RM, Kumar S (2016). Sinus node and atrial arrhythmias. <i>Circulation</i> , 133(19): 1892-900.
68141	Kadmon E, Paz R, Kusniec J, et al (2010). Sick sinus syndrome in a patient with extensive cardiac lipomatosis (sinus node dysfunction in lipomatosis). <i>Pacing Clin Electrophysiol</i> , 33(4): 513-5.
69300	Kahloon MU, Aslam AK, Aslam AF, et al (2005). Hyperkalemia induced failure of atrial and ventricular pacemaker capture. <i>Int J Cardiol</i> , 105(2): 224-6.
103866	Kalyanasundaram A, Li N, Hansen BJ, et al (2019). Canine and human sinoatrial node: differences and similarities in the structure, function, molecular profiles, and arrhythmia. <i>J Vet Cardiol</i> , 22: 2-19.
68142	Kayrak M, Alihanoglu Y, Ari H, et al (2009). [Comment] A case of exercise-induced sinus node deceleration without evident coronary artery disease. <i>Anadolu Kardiyol Derg</i> , 9(2): 150-1.
68143	Keller KB, Lemberg L (2006). The sick sinus syndrome. <i>Am J Crit Care</i> , 15(2): 226-9.

68144	Keller KB, Lemberg L (2007). Iatrogenic sick sinus syndrome. <i>Am J Crit Care</i> , 16: 294-7.
101918	Kho J, Ioannou A, O'Sullivan KE, et al (2020). Permanent pacemaker implantation rates following cardiac surgery in the modern era. <i>Ir J Med Sci</i> , 189(4): 1289-94.
103403	Kim D, Shim CY, Hong GR, et al (2018). Sinus node dysfunction after surgical atrial fibrillation ablation with concomitant mitral valve surgery: Determinants and clinical outcomes. <i>PLoS One</i> , 13(9): e0203828.
68145	Kim KO, Chung S, Lee K, et al (2011). Profound bradycardia with lidocaine during anesthesia induction in a silent sick sinus syndrome patient. <i>J Clin Anesth</i> , 23(3): 227-30.
66423	Kistler P (2010). Focal atrial tachycardia. Retrieved 23 January 2013, from http://www.uptodate.com/contents/focal-atrial-tachycardia
100792	Kokubo Y, Matsumoto C (2017). Hypertension is a risk factor for several types of heart disease: Review of prospective studies. <i>Adv Exp Med Biol</i> , 956: 419-26.
103404	Kondo S, Osanai H, Sakamoto Y, et al (2021). Secondary cardiac lymphoma presenting as sick sinus syndrome and atrial fibrillation which required leadless pacemaker implantation. <i>Intern Med</i> , 60(3): 431-4.
103405	Koren O, Antonelli D, Khamaise R, et al (2021). Sinus node dysfunction due to occlusion of the sinus node artery during percutaneous coronary intervention. <i>J Interv Cardiol</i> , 2021: 8810484.
103406	Koren O, Paz E, Rozner E, et al (2020). Late myocardial sequelae of electrical injury. <i>Clin Case Rep</i> , 8(12): 3408-11.
68146	Kose S, Iyisoy A, Kursaklioglu H, et al (2003). Electrical injury as a possible cause of sick sinus syndrome. <i>J Korean Med Sci</i> , 18(1): 114-5.
69302	Kossaify A (2010). Management of sinus node dysfunction with junctional escape rhythm in a case of anorexia nervosa. <i>Turk Kardiyol Dern Ars</i> , 38(7): 486-8.
103407	Kottkamp H (2012). Fibrotic atrial cardiomyopathy: a specific disease/syndrome supplying substrates for atrial fibrillation, atrial tachycardia, sinus node disease, AV node disease, and thromboembolic complications. <i>J Cardiovasc Electrophysiol</i> , 23(7): 797-9.
103408	Kousa O, Mansour M, Awad D, et al (2020). Reversible bradycardia secondary to myxedema coma: case-report. <i>Rev Cardiovasc Med</i> , 21(2): 297-301.
103409	Kumar D, Shamim F (2011). Anaesthetic management of abdominal hysterectomy in patient with congenital sinus node dysfunction. <i>J Coll Physicians Surg Pak</i> , 21(12): 760-2.
68941	Larsen BT, Maleszewski JJ, Edwards WD, et al (2013). Atrial giant cell myocarditis: a distinctive clinicopathologic entity. <i>Circulation</i> , 127(1): 39-47.
69303	Lee KW, Badhwar N, Scheinman MM (2008). Supraventricular tachycardia-Part II: History, presentation, mechanism, and treatment. <i>Curr Probl Cardiol</i> , 33(10): 557-622.
103867	Lee M, Langsjeon D, Devabhaktuni S, et al (2019). Pheochromocytoma and sinus node dysfunction. <i>Proc (Bayl Univ Med Cent)</i> , 32(1): 119-20.
103410	Liang E, Wu L, Fan S, et al (2019). Bradyarrhythmias in arrhythmogenic right ventricular cardiomyopathy. <i>Am J Cardiol</i> , 123(10): 1690-5.
103411	Liang X, Evans SM, Sun Y (2017). Development of the cardiac pacemaker. <i>Cell Mol Life Sci</i> , 74(7): 1247-59.
68147	Lin YN, Liou YM, Chen JY, et al (2011). Sinus node dysfunction as an initial presentation of adult systemic lupus erythematosus. <i>Lupus</i> , 20(10): 1072-5.
103413	Liu F, Xin Z, Xia Y, et al (2019). Bradycardia secondary to primary hyperparathyroidism. <i>J Int Med Res</i> , 47(5): 2309-11.

103412	Liu Y, Hua P, Chen J, et al (2014). Sick sinus syndrome induced by giant coronary artery aneurysm rupture in a patient with constrictive pericarditis. <i>J Cardiobiol</i> , 2(1): 3.
103414	Lu HT, Kam J, Nordin RB, et al (2016). Beta-blocker use and risk of symptomatic bradyarrhythmias: a hospital-based case-control study. <i>J Geriatr Cardiol</i> , 13(9): 749-59.
103868	Lubitz RM, Acker JJ (1990). Thyrotoxicosis induced sick sinus syndrome: medical therapy may avoid permanent pacing. <i>Pacing Clin Electrophysiol</i> , 13(6): 700-2.
68148	Mangoni ME (2011). Killing the primary heart pacemaker. <i>Cardiovasc Res</i> , 90(1): 3-4.
68149	Mani H, Shirayama T, Yamamura M, et al (2004). Ebstein anomaly associated with unusual conduction delay and sick sinus syndrome. <i>Circ J</i> , 68(7): 719-21.
69261	Marchlinski F (2012). Supraventricular tachyarrhythmias. Section 3, Chapter 233, 18th Edition. Retrieved 9 September 2013, from https://accessmedicine.mhmedical.com/content.aspx?sectionid=188731341&bookid=2129&Resultclick=2
102138	Marti-Almor J, Jimenez-Lopez J, Casteigt B, et al (2021). Obstructive sleep apnea syndrome as a trigger of cardiac arrhythmias. <i>Curr Cardiol Rep</i> , 23(3): 20.
103869	McClaskey D, Lee D, Buch E (2013). Outcomes among athletes with arrhythmias and electrocardiographic abnormalities: implications for ECG interpretation. <i>Sports Med</i> , 43(10): 979-91.
103870	Mehta N, Vannozzi R (2017). Lithium-induced electrocardiographic changes: A complete review. <i>Clin Cardiol</i> , 40(12): 1363-7.
103871	Monfredi O, Boyett MR (2015). Sick sinus syndrome and atrial fibrillation in older persons - A view from the sinoatrial nodal myocyte. <i>J Mol Cell Cardiol</i> , 83: 88-100.
69262	Monfredi O, Dobrzynski H, Mondal T, et al (2010). The anatomy and physiology of the sinoatrial node--a contemporary review. <i>Pacing Clin Electrophysiol</i> , 33(11): 1392-406.
68151	Morris GM, Monfredi O, Boyett MR (2011). [Comment] Not so fast! Sick sinus syndrome is a complex and incompletely understood disease that might prove hard to model in animals. <i>Cardiovasc Res</i> , 92(1): 178; author reply: 179.
69305	Motoda C, Nakano Y, Oda N, et al (2012). Sleep-disordered breathing predicts sinus node dysfunction in persistent atrial fibrillation patients undergoing pulmonary vein isolation. <i>J Cardiol</i> , 60(4): 321-6.
103872	Mun HS, Shen C, Pak HN, et al (2013). Chronic amiodarone therapy impairs the function of the superior sinoatrial node in patients with atrial fibrillation. <i>Circ J</i> , 77(9): 2255-63.
69306	Muratore CA, Baranchuk A (2010). Current and emerging therapeutic options for the treatment of chronic chagasic cardiomyopathy. <i>Vasc Health Risk Manag</i> , 6: 593-601.
103873	Nag K, Nagella AB, Kumar VR, et al (2015). Role of temporary pacing at the right ventricular outflow tract in anesthetic management of a patient with asymptomatic sick sinus syndrome. <i>Anesth Essays Res</i> , 9(3): 423-6.
103874	Nakamura M, Nakatsu K, Nagamine T (2015). Sinus node dysfunction after acute lithium treatment at therapeutic levels. <i>Innov Clin Neurosci</i> , 12(11-12): 18-20.
68152	Namdar M, Rodriguez-Manero M, Brugada P (2012). Haemochromatosis, sinus node dysfunction and Brugada syndrome--a menage a trois of findings in one and the same patient: coincidence or causality? <i>Acta Cardiol</i> , 67(2): 249-51.
69307	Namura M, Kanaya H, Ikeda M, et al (1995). Hyperthyroidism complicated with sick sinus syndrome. <i>JPN Circ J</i> , 59(12): 824-8

68153	Narumi H, Funabashi N, Takano H, et al (2007). [Comment] Remarkable thickening of right atrial wall in subjects with cardiac amyloidosis complicated with sick sinus syndrome. <i>Int J Cardiol</i> , 119(2): 222-4.
103875	Ng S, Krisnadi C, Low RJ, et al (2019). Tachy- and bradyarrhythmia as an initial presentation of human immunodeficiency virus-related primary cardiac lymphoma: a case report. <i>Eur Heart J Case Rep</i> , 3(4): 1-7.
103876	Nicol M, Deblaise J, Choussat R, et al (2015). Side effects of ticagrelor: Sinus node dysfunction with ventricular pause. <i>Int J Cardiol</i> , 191: 56-7.
68154	Ohsawa M, Tanaka F, Kunugita F, et al (2003). A case of sick sinus syndrome that developed torsades de pointes, pacing failure and sensing failure during administration of bepridil. <i>Jpn Heart J</i> , 44(5): 783-8.
103877	Oktay AA, Dibs SR, Friedman H (2015). Sinus pause in association with Lyme carditis. <i>Tex Heart Inst J</i> , 42(3): 248-50.
103878	Olshansky B (2021). Sinus node dysfunction - A well-defined entity? <i>Int J Cardiol</i> , 335: 55-6.
102003	Osmonov D, Ozcan KS, Erdinler I, et al (2012). Anticholinesterase-induced symptoms improved by pacemaker implantation in patients with Alzheimer's disease: analysis of 6 cases. <i>Am J Alzheimers Dis Other Demen</i> , 27(5): 311-4.
68167	Oudit GY, Korley V, Backx PH, et al (2007). Lithium-induced sinus node disease at therapeutic concentrations: linking lithium-induced blockade of sodium channels to impaired pacemaker activity. <i>Can J Cardiol</i> , 23(3): 229-32.
68155	Park HW, Cho JG, Yum JH, et al (2004). Clinical characteristics of hypervagotonic sinus node dysfunction. <i>Korean J Intern Med</i> , 19(3): 155-9.
103879	Patel N, Donahue C, Shenoy A, et al (2017). Obstructive sleep apnea and arrhythmia: A systemic review. <i>Int J Cardiol</i> , 228: 967-70.
103880	Pattanshetty DJ, Bhat PK, Chamberlain WA, et al (2013). Isolated cardiac involvement in primary amyloidosis: presenting as sick sinus syndrome and heart failure. <i>Tex Heart Inst J</i> , 40(5): 615-8.
69309	Patton KK, Levy M, Viswanathan M (2008). Atrial lead dysfunction: an unusual feature of hypothyroidism. <i>Pacing Clin Electrophysiol</i> , 31(12): 1650-2.
82491	Pawlik AM, Lampart A, Stephan FP, et al (2016). Outcomes of electrical injuries in the emergency department: a 10-year retrospective study. <i>Eur J Emerg Med</i> , 23(6): 448-54.
68156	Pelter MM, Carey MG (2009). [Comment] Sinus node dysfunction. <i>Am J Crit Care</i> , 18(6): 585-6.
69310	Podrid P (2011). Supraventricular arrhythmias after myocardial infarction. UptoDate. Retrieved 11 September 2013, from http://www.uptodate.com/contents/supraventricular-arrhythmias-after-myocardial-infarction
102015	Qamar SR, Wu Y, Nicolaou S, et al (2020). State of the art imaging review of blunt and penetrating cardiac trauma. <i>Can Assoc Radiol J</i> , 71(3): 301-12.
103881	Qian Y, Zhu H, Pollom EL, et al (2017). Sinoatrial node toxicity after stereotactic ablative radiation therapy to lung tumors. <i>Pract Radiat Oncol</i> , 7(6): e525-e9.
103882	Rajanayagam J, Alsabri M (2021). Intense endurance exercise: A potential risk factor in the development of heart disease. <i>Cureus</i> , 13(1): e12608.
103883	Rakhshan E, Mirabbasi SA, Khalighi B, et al (2015). Pericarditis-induced hyponatremia after cardiac electronic implantable device (CEID) procedures. <i>Am J Case Rep</i> , 16: 245-9.

103884	Renet S, Chaumais MC, Antonini T, et al (2015). Extreme bradycardia after first doses of sofosbuvir and daclatasvir in patients receiving amiodarone: 2 cases including a rechallenge. <i>Gastroenterology</i> , 149(6): 1378-80.e1.
102022	Riaz S, Bhatti H, Sampat PJ, et al (2020). The converging pathologies of obstructive sleep apnea and atrial arrhythmias. <i>Cureus</i> , 12(7): e9388.
102023	Richards JR, Blohm E, Toles KA, et al (2020). The association of cannabis use and cardiac dysrhythmias: a systematic review. <i>Clin Toxicol (Phila)</i> , 58(9): 861-9.
102025	Roden DM (2019). A current understanding of drug-induced QT prolongation and its implications for anticancer therapy. <i>Cardiovasc Res</i> , 115(5): 895-903.
69821	Rowland JP, Rigby J, Harper AC, et al (2007). Cardiovascular monitoring with acetylcholinesterase inhibitors: a clinical protocol. <i>Adv Psychiatr Treat</i> , 13(3): 178-84.
69253	Ruan Y, Liu N, Priori SG (2009). Sodium channel mutations and arrhythmias. <i>Nat Rev Cardiol</i> , 6(5): 337-48.
69311	Rubenstein JJ, Schulman CL, Yurchak PM, et al (1972). Clinical spectrum of the sick sinus syndrome. <i>Circulation</i> , 46: 5-13.
68157	Rusk K, Scordo K (2012). Sinus node dysfunction: recognition and treatment. <i>Nurse Pract</i> , 37(12): 12-20.
103885	Searle J, Slagman A, Maab W, et al (2013). Cardiac monitoring in patients with electrical injuries. An analysis of 268 patients at the Charite Hospital. <i>Dtsch Arztebl Int</i> , 110(50): 847-53.
68798	Seferovic PM, Ristic AD, Maksimovic R, et al (2006). Cardiac arrhythmias and conduction disturbances in autoimmune rheumatic diseases. <i>Rheumatology (Oxford)</i> , 45(Suppl 4): iv39-42.
69312	Semelka M, Gera J, Usman S (2013). Sick sinus syndrome: A review. <i>Am Fam Physician</i> , 87(10): 691-6.
68158	Shah AP, Lopez A, Wachsner RY, et al (2004). Sinus node dysfunction secondary to hyperparathyroidism. <i>J Cardiovasc Pharmacol Ther</i> , 9(2): 145-7.
103886	Shahani L (2014). Donepezil-associated sick sinus syndrome. <i>J Neuropsychiatry Clin Neurosci</i> , 26(1): E5.
69315	Shetty RK, Vivek G, Parida A, et al (2013). Lithium-induced sinus node dysfunction at therapeutic levels. <i>BMJ Case Rep</i> , 2013: bcr2012008107. [Abstract]
103887	Shibata M, Hoshino R, Shimizu C, et al (2021). Lacosamide-induced sinus node dysfunction followed by severe agranulocytosis. <i>BMC Neurol</i> , 21(1): 217.
103888	Shirasaka W, Ikeshita K, Toriyama S, et al (2014). [Intraoperative asystole in a patient with concealed sick sinus syndrome: a case report]. <i>Masui</i> , 63(3): 338-41 [Article in Japanese]. [Abstract]
102062	Shizukuda Y, Tripodi DJ, Zalos G, et al (2012). Incidence of cardiac arrhythmias in asymptomatic hereditary hemochromatosis subjects with C282Y homozygosity. <i>Am J Cardiol</i> , 109(6): 856-60.
103889	Shono A, Mori S, Nakamura K, et al (2019). Glucocorticoid-sensitive paroxysmal atrial fibrillation, sick sinus syndrome, and mitral regurgitation in a patient with malignant rheumatoid vasculitis. <i>Intern Med</i> , 58(21): 3093-8.
102064	Sidhu S, Marine JE (2020). Evaluating and managing bradycardia. <i>Trends Cardiovasc Med</i> , 30(5): 265-72.
69316	Singh LK, Praharaj SK, Munda SK, et al (2011). Lithium-induced sinus node dysfunction at therapeutic serum levels. <i>Natl Med J India</i> , 24(3): 151-2.

102068	Singh S, Heard M, Pester JM, et al (2021). Blunt cardiac injury. Retrieved 16 September 2021, from https://www.ncbi.nlm.nih.gov/books/NBK532267/
103890	Snipes GM, Hafeez A, Marek G, et al (2021). Sinus bradycardia with haemodynamic compromise following lithium intoxication. <i>BMJ Case Rep</i> , 14(5): e242946.
103891	Sohns C, Staab W, O'Neill M, et al (2016). Reversible sinus node injury during circumferential pulmonary vein ablation. <i>Clin Res Cardiol</i> , 105(11): 968-70.
103892	Song C, Jin MN, Lee JH, et al (2015). Predictors of sick sinus syndrome in patients after successful radiofrequency catheter ablation of atrial flutter. <i>Yonsei Med J</i> , 56(1): 31-7.
68803	Spragg D, Tomaselli G (2013). The bradyarrhythmias. <i>Harrison's Internal Medicine</i> , 18th edition, Section 3, Chapter 232. McGraw Hill.
63784	Staikowsky F, Candella S, Raphael M (2005). Dextropropoxyphene and the cardiovascular system: about two cases of acute poisoning with cardiac conduction abnormalities. <i>J Opioid Manag</i> , 1(5): 240-3.
69319	Stein R, Medeiros CM, Rosito GA, et al (2002). Intrinsic sinus and atrioventricular node electrophysiologic adaptations in endurance athletes. <i>J AM Coll Cardiol</i> , 39(6): 1033-8.
68168	Stieber J, Wieland K, Stockl G, et al (2006). Bradycardic and proarrhythmic properties of sinus node inhibitors. <i>Mol Pharmacol</i> , 69(4): 1328-37.
68159	Sturm AC, Mohler PJ (2011). Defining the common disconnect between in vitro models and human arrhythmogenic disease: context matters. <i>Circulation</i> , 124(9): 993-5.
103893	Sunaga A, Masuda M, Fujita M, et al (2017). Cardiac iodine-123-metaiodobenzylguanidine scintigraphy may be useful to identify pathologic from physiologic sinus bradycardia. <i>Pacing Clin Electrophysiol</i> , 40(6): 632-7.
103894	Tadros R, Ton AT, Fiset C, et al (2014). Sex differences in cardiac electrophysiology and clinical arrhythmias: epidemiology, therapeutics, and mechanisms. <i>Can J Cardiol</i> , 30(7): 783-92.
69320	Talati S, Aslam AF, Vasavada B (2009). Sinus node dysfunction in association with chronic lithium therapy: a case report and review of literature. <i>Am J Ther</i> , 16(3): 274-8.
68169	Tan BH, Iturralde-Torres P, Medeiros-Domingo A, et al (2007). A novel C-terminal truncation SCN5A mutation from a patient with sick sinus syndrome, conduction disorder and ventricular tachycardia. <i>Cardiovasc Res</i> , 76(3): 409-17.
68160	Teixeira RA, Borba EF, Bonfa E, et al (2010). Arrhythmias in systemic lupus erythematosus. <i>Rev Bras Reumatol</i> , 50(1): 81-9.
103895	Thorolfsson RB, Sveinbjornsson G, Aegisdottir HM, et al (2021). Genetic insight into sick sinus syndrome. <i>Eur Heart J</i> , 42(20): 1959-71.
103896	Tomlinson LG, Cohen MI, Leverson RE, et al (2021). COVID-19-associated multisystem inflammatory syndrome in children presenting uniquely with sinus node dysfunction in the setting of shock. <i>Cardiol Young</i> , 31(7): 1202-4.
103897	Tse G, Liu T, Li KH, et al (2017). Tachycardia-bradycardia syndrome: Electrophysiological mechanisms and future therapeutic approaches (Review). <i>Int J Mol Med</i> , 39(3): 519-26.
102247	Tselios K, Gladman DD, Harvey P, et al (2018). Severe brady-arrhythmias in systemic lupus erythematosus: prevalence, etiology and associated factors. <i>Lupus</i> , 27(9): 1415-23.
102150	Tudoran M, Tudoran C (2017). Hyperthyroidism and sick sinus syndrome, a rare but challenging association: A study of three cases. <i>Niger J Clin Pract</i> , 20(8): 1046-8.

103898	Vaideeswar P, Cooper LT (2013). Giant cell myocarditis: clinical and pathological features in an Indian population. <i>Cardiovasc Pathol</i> , 22(1): 70-4.
68170	van Rijen HV, de Bakker JM (2007). [Comment] Penetrance of monogenetic cardiac conduction diseases. A matter of conduction reserve? <i>Cardiovasc Res</i> , 76(3): 379-80. Comment on ID: 68169.
68161	Varma N, Helms R, Benson DW, et al (2011). Congenital sick sinus syndrome with atrial inexcitability and coronary sinus flutter. <i>Circ Arrhythm Electrophysiol</i> , 4(5): e52-8.
103268	Velasco A, Hall C, Perez-Verdia A, et al (2014). Association of high-risk scores for obstructive sleep apnea with symptomatic bradyarrhythmias. <i>J Cardiovasc Med (Hagerstown)</i> , 15(5): 407-10.
102249	Viktorsson SA, Orrason AW, Vidisson KO, et al (2020). Immediate and long-term need for permanent cardiac pacing following aortic valve replacement. <i>Scand Cardiovasc J</i> , 54(3): 186-91.
103392	Walsh-Irwin C, Hannibal GB (2015). Sick sinus syndrome. <i>AACN Adv Crit Care</i> , 26(4): 376-80.
103900	Wang HT, Liu WH, Chen YL (2017). Transient sick sinus syndrome with complete atrioventricular block associated with ergonovine intake: A case report. <i>Medicine (Baltimore)</i> , 96(44): e8559.
103901	Weiss JN, Qu Z (2020). The sinus node: Still mysterious after all these years. <i>JACC Clin Electrophysiol</i> , 6(14): 1841-3.
68162	Wilde AA, Bezzina CR (2005). Genetics of cardiac arrhythmias. <i>Heart</i> , 91(10): 1352-8.
68163	Yamamoto T, Nakamura H, Ogawa T, et al (2003). Acromegaly with multiple cardiovascular complications--cardiomyopathy, chordae rupture of mitral valve, myocardial infarction and sick sinus syndrome. <i>Intern Med</i> , 42(8): 700-3.
68164	Yamamoto T, Tamura N, Kinoshita S, et al (2009). A case of sick sinus syndrome and automatic failure with Parkinson's disease. <i>Auton Neurosci</i> , 146(1-2): 115-7.
69321	Yang Y (2011). Sinus node dysfunction. Retrieved 11 September 2013, from http://emedicine.medscape.com/article/158064-overview#showall
68165	Yesil M, Arikan E, Postaci N, et al (2008). Locations of coronary artery lesions in patients with severe conduction disturbance. <i>Int Heart J</i> , 49(5): 525-31.
103902	Yilmazer B, Sali M, Cosan F, et al (2015). Sinus node dysfunction in adult systemic lupus erythematosus flare: A case report. <i>Mod Rheumatol</i> , 25(3): 472-5.
103903	Zhao J, Liu T, Li G (2014). Relationship between two arrhythmias: sinus node dysfunction and atrial fibrillation. <i>Arch Med Res</i> , 45(4): 351-5.