

# Supplementary material

**Supplementary Table 1. ICD-10 codes, procedure and ATC codes used throughout the study**

<b>Disease</b>	<b>ICD-10 codes</b>	<b>Procedure codes</b>	<b>ATC codes</b>
Sarcoidosis	D86		
Heart failure	I50, I110, I130, I132, I420, I426-I429, I421, I422, I425		
Ischemic heart disease†	I20-I25	KFNA, KFNB, KFNC, KFND, KFNE, KFNG, KFNF, KFNH20	
Cerebrovascular disease	I60-I69, G45-G46		
Atrial fibrillation	I48		
Peripheral artery disease	I70-I74, I77		
Diabetes mellitus			A10
Implantable cardioverter defibrillator (ICD), pacemaker and cardiac resynchronization therapy (CRT)		ICD: BFCB00-02, BFCB04; pacemaker: BFCA01, BFCA03, BFCA07; CRT: BFCB03, BFCA04-06	
<b>Concomitant pharmacotherapy</b>			
Renin-angiotensin system inhibitors			C09A, C09B, C09C, C09D
Beta blockers			C07
Diuretics			C03AA, C03AB, C03B, C03C, C03D, C03E, C07B, C07CA, C07CB, C07D, C08G, C09BA, C09DA
Calcium channel blockers			C08
Nitrates			C01DA
Antiarrhythmic drugs class 1 or 3			C01B
Antithrombotics			B01AA, B01AC, B01AE07, B01AF01, B01AF02, B01AF03
QT-prolonging drugs††			J01FA06, J01FA10, J01MA02, J01FA09, J01FA01, J01MA14, J02AC01, N05AA02, N05AL01, C07AA07, C01BA01, N05AG02, A04AA01, N05AD01, C01BC04, N06AB10,

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C01BD07, N06DA02, A03FA03, N06AB04,  
N05AD08, N05AA01, N05AF03, C01BD01

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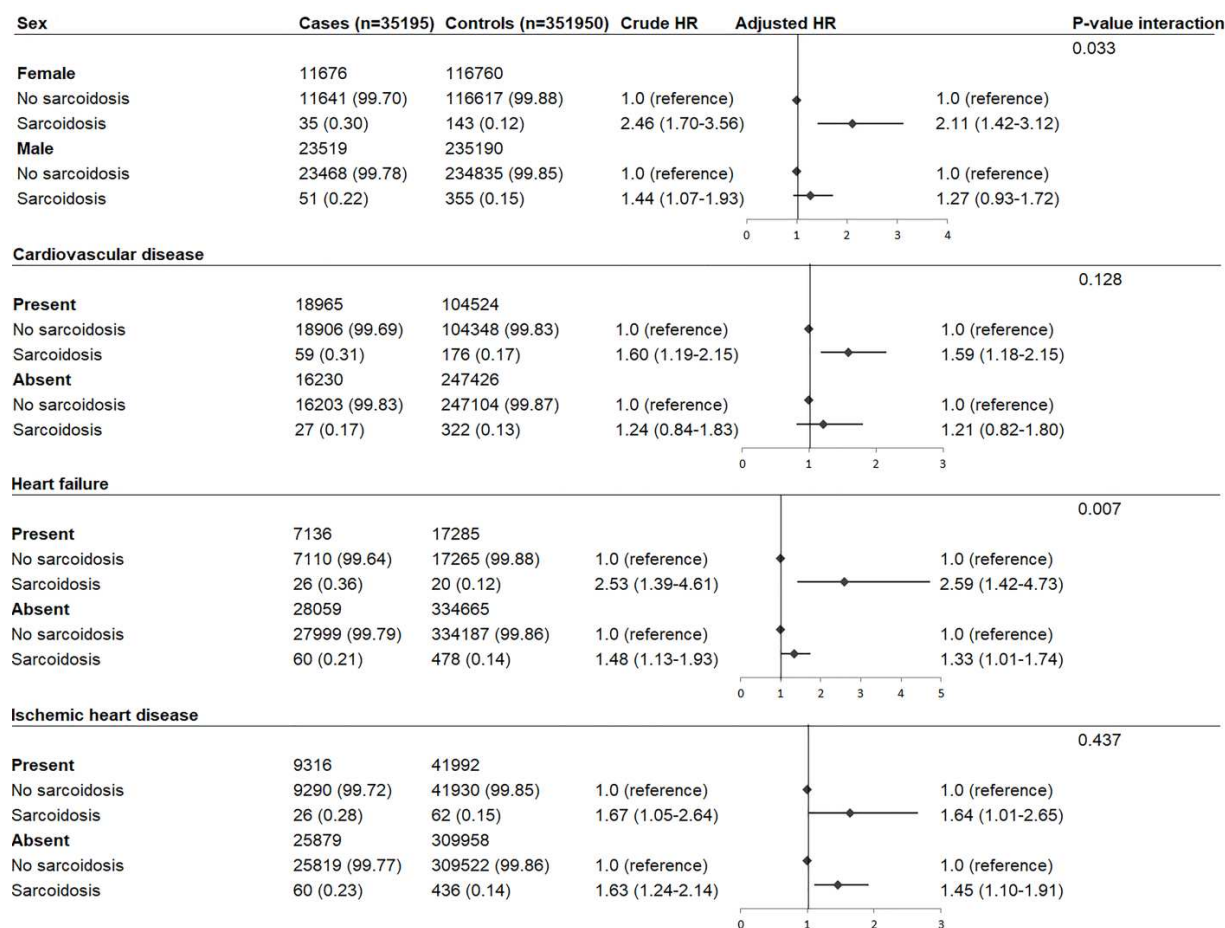
† Including acute myocardial infarction

†† QT-prolonging drugs with known risk of Torsade de Pointes according to CredibleMeds website ([www.CredibleMeds.org](http://www.CredibleMeds.org)).

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<b>Supplementary Table 2. Hazard ratios of the association between sarcoidosis and out-of-hospital cardiac arrest in individuals without heart failure divided by first diagnosis date of sarcoidosis</b>				
	Cases (n=28059)	Controls (n=334665)	Crude HR	Adjusted HR
No sarcoidosis	27999 (99.79)	334187 (99.86)	1.0 (reference)	1.0 (reference)
Sarcoidosis < 2 years	16 (0.06)	99 (0.03)	1.91 (1.13-3.24)	1.74 (1.02-2.97)
Sarcoidosis 2-5 years	17 (0.06)	128 (0.04)	1.55 (0.93-2.57)	1.33 (0.80-2.23)
Sarcoidosis 5-10 years	27 (0.10)	251 (0.08)	1.27 (0.85-1.88)	1.16 (0.78-1.74)
Abbreviations: HR, hazard ratio. Numbers in table are number (%) unless indicated otherwise. HR adjusted for presence of cardiovascular disease and the use of QT-prolonging drugs.				

**Figure 1. Hazard ratios of the association between sarcoidosis and out-of-hospital cardiac arrest: stratification according to sex, cardiovascular disease, heart failure and ischemic heart disease**



Abbreviations: HR, hazard ratio. Numbers in table are number (%) unless indicated otherwise. Error bars denote 95% confidence interval. HR adjusted for presence of cardiovascular disease and the use of QT-prolonging drugs. By conducted stratified analyses according cardiovascular disease, heart failure and ischemic heart disease, the original matching on age and sex was lost. Therefore, HRs were additionally adjusted for age and sex when we performed stratified analyses according to cardiovascular disease, heart failure and ischemic heart disease.