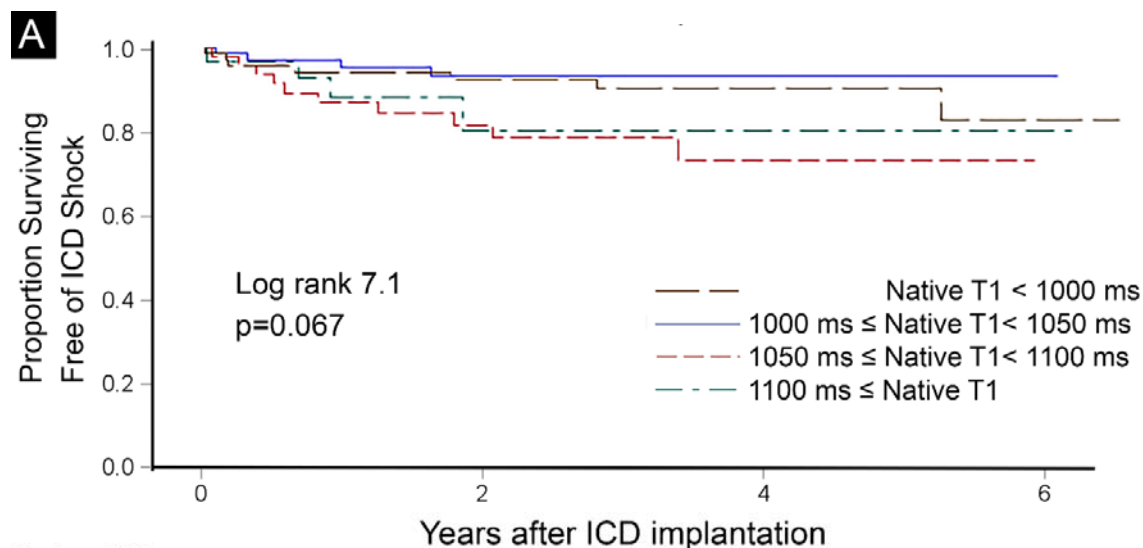
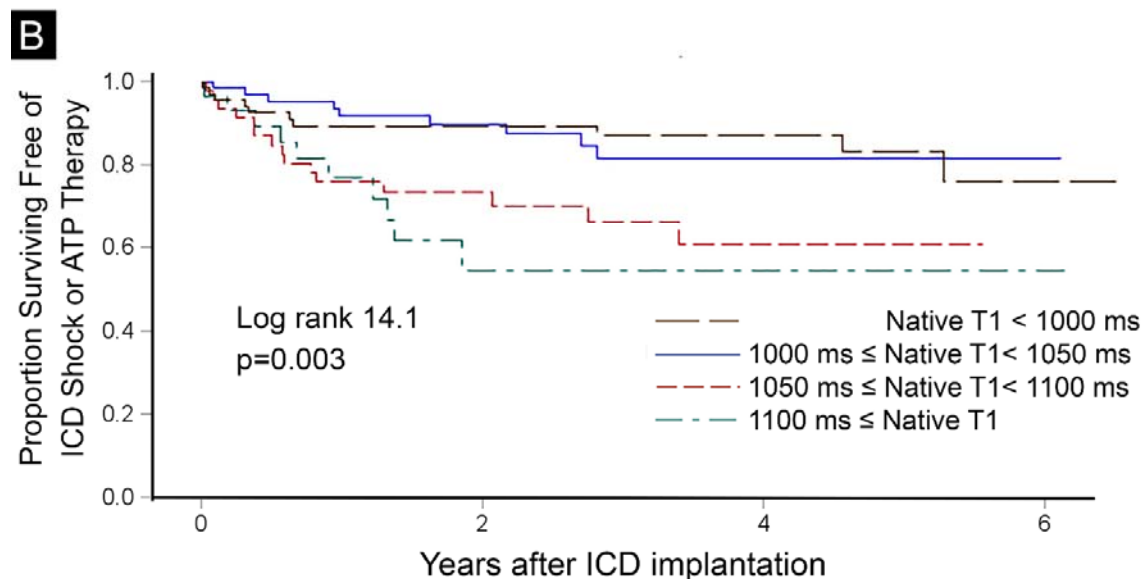


**Supplemental Figure.** Native T1 categories did not associate with incident ICD shock (n=25, panel A) but did associate with the composite endpoint of ICD shock or ATP therapy (n=44, panel B) in 215 ICD recipients. These outcomes associations were not as robust compared to those of ECV in head to head univariable Cox regression model comparisons or in multivariable Cox regression models.



Number at Risk						
T1<1000ms	68	57	48	39	31	13
1000ms≤T1<1050ms	71	52	42	28	14	4
1050ms≤T1<1100ms	47	35	26	16	8	4
1100ms≤T1	29	17	9	7	2	1



Number at Risk						
T1<1000ms	68	54	47	39	31	12
1000ms≤T1<1050ms	71	50	40	24	12	3
1050ms≤T1<1100ms	47	31	23	14	6	3
1100ms≤T1	29	15	8	6	2	1

**Supplemental Table. The overall prevalences of various LGE patterns in our cohort align with prevalences of various LGE patterns in prior reports.**

<b>Paper</b>	<b>Participants (n)</b>	<b>Any LGE prevalence</b>	<b>MI by LGE prevalence</b>	<b>Midwall LGE</b>
Gulati A, Jabbour A, Ismail TF et al. Association of fibrosis with mortality and sudden cardiac death in patients with nonischemic dilated cardiomyopathy. JAMA 2013;309:896-908.(15)	472	-	-	30%
Pontone G, Guaricci AI, Andreini D et al. Prognostic Benefit of Cardiac Magnetic Resonance Over Transthoracic Echocardiography for the Assessment of Ischemic and Nonischemic Dilated Cardiomyopathy Patients Referred for the Evaluation of Primary Prevention Implantable Cardioverter-Defibrillator Therapy. Circ Cardiovasc Imaging 2016;9.(2)	409	60%	52%	Not reported
Gao P, Yee R, Gula L et al. Prediction of arrhythmic events in ischemic and dilated cardiomyopathy patients referred for implantable cardiac defibrillator: evaluation of multiple scar quantification measures for late gadolinium enhancement magnetic resonance imaging. Circ Cardiovasc Imaging 2012;5:448-56. (23)	124	85%	Not reported	Not reported
Klem I, Weinsaft JW, Bahnson TD et al. Assessment of myocardial scarring improves risk stratification in patients evaluated for cardiac defibrillator implantation. J Am Coll Cardiol 2012;60:408-20. (17)	137	78%	Not reported	Not reported
Current manuscript: Olausson E, Wertz J, Fridman Y, et al. Diffuse myocardial fibrosis associates with incident ventricular arrhythmia in implantable cardioverter defibrillator recipients. JACC Cardiovasc Imaging 2020	<b>215</b>	<b>73%</b>	<b>46%</b>	<b>28%</b>