

Supplemental Table 1

Multivariable Logistic Regression Model for Echocardiographic CRT Response Including Only Pre-Procedure CMR Parameters

Model Variable	OR (95% CI)	Wald χ^2	P-value
CURE (per 0.1 decrease)	3.00 (1.69-5.33)	14.1	<0.0001
Lead Position Not in Scar	13.9 (2.45-79.1)	8.84	0.003
Mechanical Stretch at LVLVP*	7.38 (1.37-39.7)	5.42	0.02
LVMI (per 10 g/m ² increase)	0.625 (0.422-0.926)	5.49	0.02

Max rescaled $R^2=0.72$, AUC 0.94 ($p<0.001$)

**Equivalent to Delayed E_{CC} Onset*

Supplemental Table 2

Multivariable Linear Regression Model for Percent Change in LVESV Including Only Pre-Procedure CMR Parameters

Alternative Model Variable	Model Coefficient	Standard Error	P-value	Standardized Coefficient
Intercept	-0.550	0.118	<0.0001	0
CURE (0-1)	0.662	0.104	<0.0001	0.547
Lead Position Not in Scar	-0.116	0.0470	0.02	-0.208
Mechanical Stretch at LVLP*	-0.100	0.0473	0.04	-0.182
LVMI	-0.00227	0.00105	0.04	0.182

$R^2 = 0.53$; $Adjusted R^2 = 0.50$

*Equivalent to Delayed ECC Onset