

SUPPLEMENTAL MATERIAL

**Supplemental Table A1: Adjusted Predictors of Death  
in CRT-D and Standard ICD Patients**

	Early HR (95% CI)	Late HR (95% CI)
CRT v. Standard ICD		
LBBB	0.82 (0.73-0.91)	0.89 (0.83-0.95)
IVCD	0.93 (0.80-1.07)	0.90 (0.83-0.97)
RBBB	0.92 (0.76-1.11)	1.01 (0.91-1.13)
<i>p-value (BBB)</i>	0.007	0.003
<i>p-value (CRT)</i>	<0.001	<0.001
<i>p-value (BBB*CRT)*</i>	0.272	0.043
Age		
Age 50-59	1.00	1.00
Age 60-69	0.93 (0.77-1.12)	0.92 (0.83-1.03)
Age 70-79	1.12 (0.94-1.34)	1.22 (1.10-1.36)
Age 80+	1.69 (1.40-2.03)	1.85 (1.66-2.06)
<i>p-value</i>	<0.001	<0.001
Gender (Female)	0.99 (0.90-1.08)	0.89 (0.84-0.94)
<i>p-value</i>	0.738	<0.001
QRS Duration		
120-149 ms	1.00	1.00
≥ 150 ms	0.81 (0.76-0.88)	0.89 (0.85-0.93)
<i>p-value</i>	<0.001	<0.001
Cardiomyopathy Etiology		
Nonischemic	1.00	1.00
Ischemic	1.38 (1.24-1.54)	1.44 (1.35-1.53)
<i>p-value</i>	<0.001	<0.001
NYHA HF Class		
Class I	1.00	1.00
Class II	1.04 (0.83-1.30)	1.01 (0.90-1.14)
Class III	1.66 (1.34-2.06)	1.40 (1.25-1.57)
Class IV	2.90 (2.31-3.65)	1.99 (1.75-2.25)
<i>p-value</i>	<0.001	<0.001
Diabetes Mellitus	1.33 (1.24-1.44)	1.36 (1.30-1.42)
<i>p-value</i>	<0.001	<0.001
Atrial Fibrillation	1.27 (1.17-1.38)	1.22 (1.16-1.28)
<i>p-value</i>	<0.001	<0.001
Ventricular Tachycardia	1.16 (1.07-1.27)	1.12 (1.07-1.18)
<i>p-value</i>	<0.001	<0.001
Prior CABG	0.98 (0.91-1.07)	1.04 (0.99-1.08)
<i>p-value</i>	0.687	0.154
Cigarette Smoker Status		
Never	1.00	1.00

Former	1.10 (1.01-1.19)	1.14 (1.09-1.19)
Current	1.07 (0.93-1.22)	1.28 (1.18-1.38)
<i>p-value</i>	0.073	<0.001
LVEF (%)	0.97 (0.97-0.98)	0.98 (0.98-0.99)
<i>p-value</i>	<0.001	<0.001
Systolic BP (mm Hg)	0.993 (0.991-0.995)	0.996 (0.995-0.997)
<i>p-value</i>	<0.001	<0.001
Diastolic BP (mm Hg)	0.992 (0.988-0.995)	0.994 (0.992-0.996)
<i>p-value</i>	<0.001	<0.001
Heart Rate (bpm)	1.003 (1.002-1.004)	1.002 (1.002-1.003)
<i>p-value</i>	<0.001	<0.001
Medications		
Beta Blocker	0.84 (0.77-0.91)	0.87 (0.83-0.91)
<i>p-value</i>	<0.001	<0.001
ACE Inhibitor or ARB	0.65 (0.60-0.70)	0.75 (0.71-0.78)
<i>p-value</i>	<0.001	<0.001
Diuretic	1.21 (1.10-1.33)	1.26 (1.20-1.33)
<i>p-value</i>	<0.001	<0.001
Amiodarone	1.30 (1.18-1.43)	1.13 (1.07-1.20)
<i>p-value</i>	<0.001	<0.001

\*RBBB referent to LBBB

**Supplemental Table A2: Adjusted Predictors of Composite Outcome  
in CRT-D and Standard ICD Patients**

	Early HR (95% CI)	Late HR (95% CI)
CRT v. Standard ICD		
LBBB	0.84 (0.78-0.91)	0.86 (0.82-0.91)
IVCD	0.91 (0.83-1.01)	0.90 (0.84-0.97)
RBBB	1.02 (0.89-1.16)	1.00 (0.91-1.10)
<i>p-value (BBB)</i>	0.196	0.042
<i>p-value (CRT)</i>	<0.001	<0.001
<i>p-value (BBB*CRT)*</i>	0.013	0.007
Age		
Age 50-59	1.00	1.00
Age 60-69	0.87 (0.77-0.98)	0.85 (0.78-0.92)
Age 70-79	0.95 (0.85-1.07)	1.01 (0.93-1.10)
Age 80+	1.27 (1.13-1.44)	1.39 (1.27-1.51)
<i>p-value</i>	<0.001	<0.001
Gender (Female)	1.15 (1.08-1.22)	1.01 (0.97-1.06)
<i>p-value</i>	<0.001	0.678
QRS Duration		
120-149 ms	1.00	1.00
≥ 150 ms	0.83 (0.79-0.88)	0.88 (0.85-0.91)
<i>p-value</i>	<0.001	<0.001
Cardiomyopathy Etiology		
Nonischemic	1.00	1.00
Ischemic	1.25 (1.16-1.35)	1.29 (1.22-1.36)
<i>p-value</i>	<0.001	<0.001
NYHA HF Class		
Class I	1.00	1.00
Class II	1.08 (0.92-1.25)	1.05 (0.96-1.16)
Class III	1.66 (1.44-1.93)	1.43 (1.30-1.57)
Class IV	2.49 (2.13-2.92)	1.95 (1.76-2.17)
<i>p-value</i>	<0.001	<0.001
Diabetes Mellitus	1.36 (1.29-1.43)	1.38 (1.33-1.43)
<i>p-value</i>	<0.001	<0.001
Atrial Fibrillation	1.27 (1.19-1.34)	1.21 (1.17-1.27)
<i>p-value</i>	<0.001	<0.001
Ventricular Tachycardia	1.16 (1.10-1.23)	1.11 (1.07-1.16)
<i>p-value</i>	<0.001	<0.001
Prior CABG	1.05 (0.99-1.11)	1.07 (1.03-1.12)
<i>p-value</i>	0.123	<0.001
Cigarette Smoker Status		
Never	1.00	1.00

Former	1.06 (1.00-1.11)	1.08 (1.04-1.12)
Current	1.22 (1.11-1.33)	1.23 (1.15-1.31)
<i>p-value</i>	<0.001	<0.001
LVEF (%)	0.98 (0.97-0.98)	0.98 (0.98-0.99)
<i>p-value</i>	<0.001	<0.001
Systolic BP (mm Hg)	0.995 (0.994-0.997)	0.997 (0.996-0.998)
<i>p-value</i>	<0.001	<0.001
Diastolic BP (mm Hg)	0.997 (0.995-0.999)	0.997 (0.995-0.999)
<i>p-value</i>	0.014	<0.001
Heart Rate (bpm)	1.003 (1.002-1.004)	1.002 (1.001-1.003)
<i>p-value</i>	<0.001	<0.001
Medications		
Beta Blocker	0.89 (0.84-0.94)	0.89 (0.85-0.92)
<i>p-value</i>	<0.001	<0.001
ACE Inhibitor or ARB	0.74 (0.70-0.78)	0.82 (0.79-0.85)
<i>p-value</i>	<0.001	<0.001
Diuretic	1.28 (1.20-1.37)	1.31 (1.25-1.37)
<i>p-value</i>	<0.001	<0.001
Amiodarone	1.26 (1.17-1.35)	1.20 (1.14-1.27)
<i>p-value</i>	<0.001	<0.001

\*RBBB referent to LBBB