

Supplemental Table S1

Zone	#	Endocardium (0-33%)			Midwall (33-66%)			Epicardium (66-100%)			Transmural Total (0-100%)			
		PPHN	Control	p-value	PPHN	Control	p-value	PPHN	Control	p-value	PPHN	Control	p-value	
LEFT VENTRICLE + SEPTUM														
Basal	Superoseptal	2	23.1° (2.8)	10.6° (3.4)	<0.001	19.2° (3.0)	11.1° (3.8)	<0.001	15.1° (3.4)	14.6° (3.2)	NS	18.8° (3.1)	12.1° (3.5)	<0.001
	Inferoseptal	3	16.5° (3.1)	13.1° (3.4)	0.015	13.2° (3.2)	13.4° (3.0)	NS	13.8° (3.1)	9.0° (3.2)	<0.001	14.4° (3.1)	11.6° (3.2)	<0.001
	Inferolateral	5	14.5° (3.1)	12.2° (3.4)	NS	17.3° (3.2)	14.5° (2.9)	0.048	19.2° (3.5)	17.0° (3.2)	NS	16.9° (3.3)	14.5° (3.2)	0.003
	Superolateral	6	17.1° (3.4)	20.4° (3.2)	0.049	16.4° (3.1)	12.7° (2.7)	0.002	19.3° (2.9)	14.2° (3.2)	<0.001	17.6° (3.1)	15.5° (3.1)	0.01
Equatorial	Superior	7	18.0° (3.4)	12.2° (3.3)	<0.001	17.1° (3.3)	11.3° (3.1)	<0.001	19.4° (3.1)	12.8° (3.6)	<0.001	18.2° (3.2)	12.1° (3.3)	<0.001
	Superoseptal	8	15.2° (3.2)	11.2° (3.3)	<0.001	14.0° (2.8)	10.8° (3.4)	0.002	11.5° (3.0)	10.2° (2.8)	NS	13.5° (3.0)	10.7° (3.2)	<0.001
	Inferoseptal	9	24.2° (2.6)	13.8° (3.1)	<0.001	15.4° (3.0)	14.6° (2.7)	NS	10.9° (3.4)	14.7° (2.9)	<0.001	15.8° (3.1)	14.4° (2.9)	0.046
	Inferolateral	11	17.0° (3.0)	10.3° (3.2)	<0.001	11.2° (3.3)	7.1° (3.2)	<0.001	10.6° (3.1)	8.6° (3.3)	0.025	12.6° (3.2)	8.6° (3.3)	<0.001
Apical	Superior	13	18.0° (3.1)	15.0° (3.0)	NS	12.2° (3.5)	8.5° (3.8)	0.002	14.2° (3.4)	8.9° (3.4)	<0.001	14.6° (3.4)	10.3° (3.5)	<0.001
	Septal	14	19.5° (3.3)	22.1° (2.9)	NS	12.4° (2.8)	12.1° (3.0)	NS	13.3° (3.1)	11.7° (3.2)	NS	14.7° (3.1)	14.4° (3.1)	NS
	Inferior	15	22.9° (2.4)	24.7° (3.0)	NS	12.1° (3.6)	11.0° (3.0)	NS	16.6° (3.1)	11.4° (3.4)	<0.001	16.7° (3.1)	14.5° (3.3)	0.019
	Lateral	16	16.0° (2.7)	16.2° (3.3)	NS	14.2° (3.2)	15.0° (2.4)	NS	15.6° (3.2)	13.9° (2.6)	NS	15.3° (3.0)	15.0° (2.8)	NS
Overall mean			18.3° (3.1)	14.5° (3.3)	<0.001	14.6° (3.2)	11.8° (3.1)	<0.001	14.4° (3.2)	12.1° (3.2)	<0.001	15.6° (3.2)	12.7° (3.2)	<0.001
RIGHT VENTRICLE														
Basal	Anterosuperior	r1	11.2° (3.2)	13.2° (3.2)	NS	12.4° (3.0)	10.6° (3.0)	NS	13.5° (3.1)	14.7° (3.0)	NS	12.4° (3.1)	12.8° (3.1)	NS
	Anterior	r2	10.3° (2.9)	9.9° (2.9)	NS	11.6° (3.2)	6.7° (2.8)	<0.001	11.4° (3.4)	13.5° (2.9)	NS	11.1° (3.2)	9.7° (3.0)	0.014
	Anteroinferior	r3	12.9° (3.4)	13.3° (2.7)	NS	13.4° (2.9)	8.4° (3.0)	<0.001	14.2° (3.2)	11.0° (3.2)	0.009	13.5° (3.2)	10.6° (3.0)	<0.001
Equatorial	Anterosuperior	r4	17.4° (3.0)	14.6° (2.8)	NS	10.9° (3.0)	9.2° (3.2)	NS	12.4° (3.1)	7.6° (3.5)	<0.001	13.3° (3.1)	10.0° (3.3)	<0.001
	Anterior	r5	11.0° (3.3)	19.8° (3.3)	<0.001	8.1° (3.7)	9.6° (2.5)	NS	10.2° (3.0)	8.5° (3.2)	NS	9.7° (3.3)	11.8° (3.2)	<0.001
	Anteroinferior	r6	11.6° (3.2)	12.2° (3.0)	NS	11.3° (3.4)	7.0° (3.4)	<0.001	12.8° (3.2)	10.3° (3.2)	0.025	11.9° (3.3)	9.6° (3.3)	<0.001
Overall mean			12.1° (3.2)	13.5° (3.1)	0.004	11.1° (3.2)	8.5° (3.0)	<0.001	12.3° (3.2)	10.8° (3.2)	<0.001	11.8° (3.2)	10.7° (3.1)	<0.001
ENTIRE HEART														
Overall mean			16.1° (3.2)	14.2° (3.2)	<0.001	13.4° (3.2)	10.6° (3.1)	<0.001	13.7° (3.2)	11.7° (3.2)	<0.001	14.3° (3.2)	12.1° (3.2)	<0.001

Lamellar Angle Distribution. Post-hoc analysis based on myocardial depth. Each zone is subdivided into three transmural levels of equal size. All transmural levels are cumulated in the "Transmural Total" column. Septal endocardium is the left ventricular endocardium while septal epicardium refers to the right ventricular endocardium. All zones are cumulated in each ventricle and both ventricles are cumulated into the entire heart in the bottom row. Data are shown as means (SD). NS: Statistically non-significant.