

Left ventricular hemodynamic forces as a marker of mechanical dyssynchrony in heart failure patients with left bundle branch block

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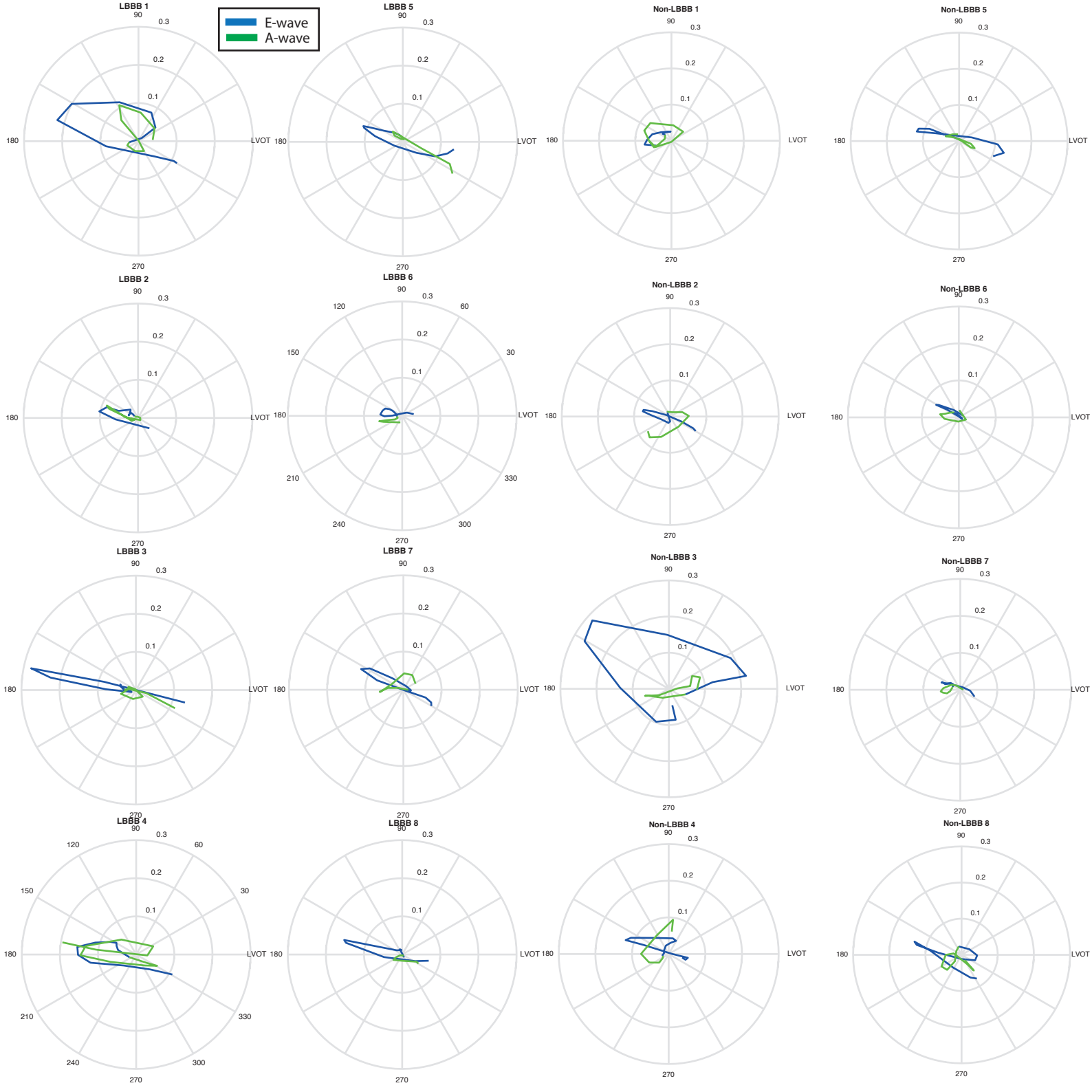
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Supplementary Information

Supplementary Figure 1: Hemodynamic forces [N] during diastole projected onto a short-axis (SAx)-plane. The hemodynamic force plots are colored according to diastolic phases, E-wave (blue) and A-wave (green). The x axis is aligned along the antero-septal-to-inferolateral axis. E-wave, early diastolic filling; A-wave, late diastolic filling; LVOT, left ventricular outflow tract.



Supplementary Figure 2: Hemodynamic forces [N] during diastole projected onto a long-axis (LAX)-plane. The hemodynamic force plots are colored according to diastolic phases, E-wave (blue) and A-wave (green). The x axis is aligned along the apex-to-base axis. E-wave, early diastolic filling; A-wave, late diastolic filling; LA, left atrium; Ao, aorta.

