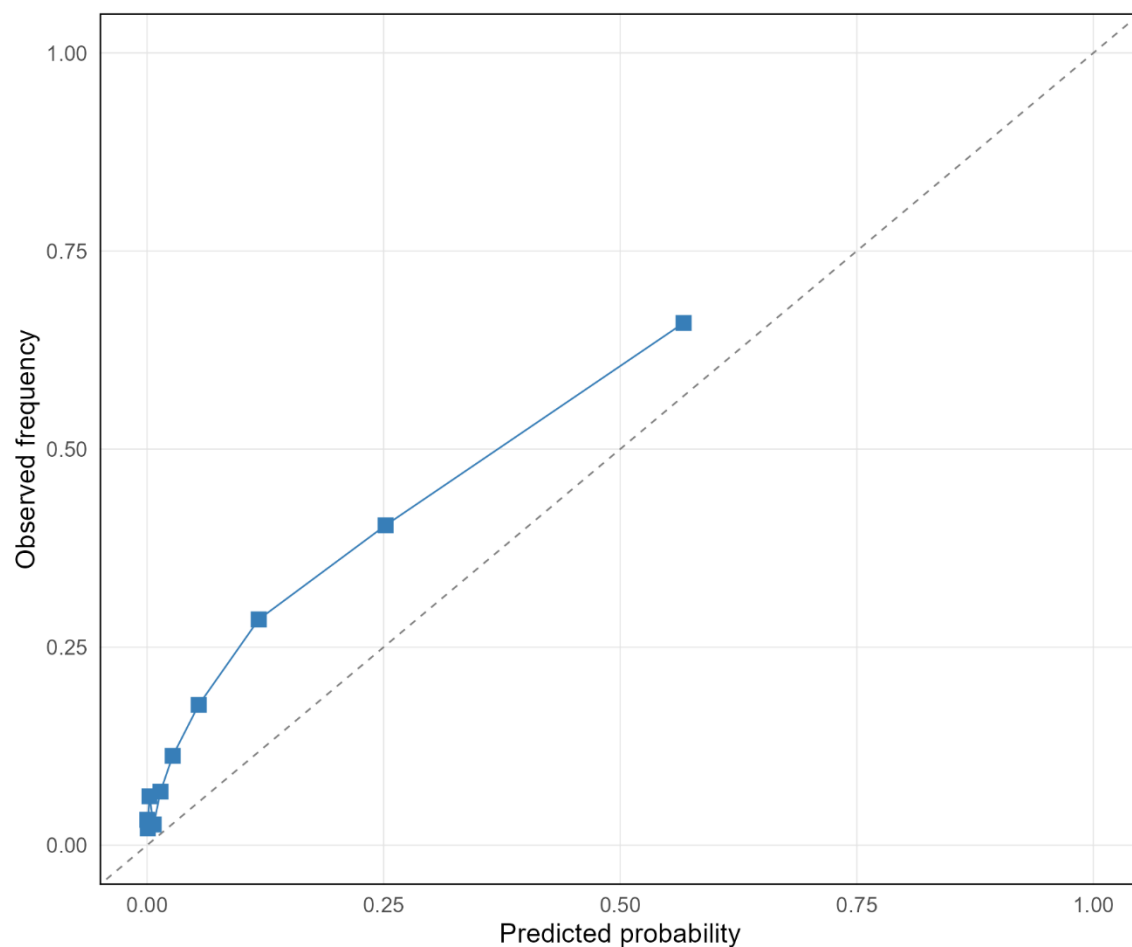


Online Resource 2

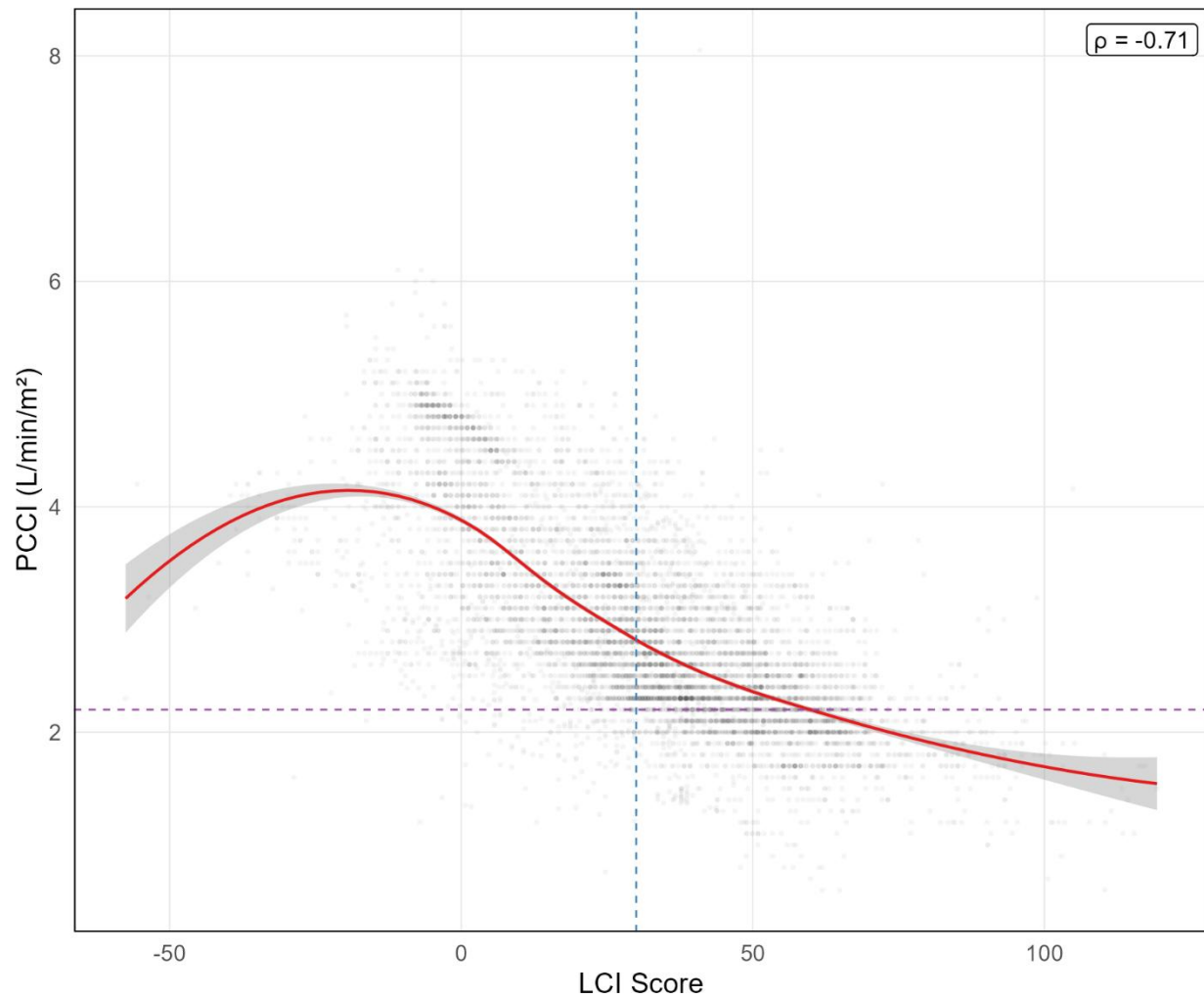
Supplementary Figures

Figure S1. Calibration plot of the LCI score.



Predicted probabilities of low cardiac index were grouped into decile bins. Each square represents one bin. The dashed diagonal line represents perfect calibration. Points above the diagonal indicate underestimation of risk; points below indicate overestimation. **Abbreviations:** LCI, low cardiac index.

Figure S2. Correlation between LCI score and measured PCCI



Scatter plot of LCI score values against simultaneously measured PCCI on the test set (28 patients, 8,418 timepoints). The red line represents a locally estimated scatterplot smoothing (LOESS) curve with 95% confidence interval (grey shading). The vertical dashed blue line indicates the LCI score threshold (≥ 30), and the horizontal dashed purple line indicates the low CI threshold ($\text{PCCI} < 2.2 \text{ l.min}^{-1}.\text{m}^{-2}$). Spearman rank correlation coefficient is $\rho = -0.71$. **Abbreviations:** CI, cardiac index; LCI, low cardiac index; LOESS, locally estimated scatterplot smoothing; PCCI, pulse contour cardiac index.