

Online Table II. Summary of features for early detection of sepsis, grouped by type.

Feature	Abbreviation
Heart Rate Characteristics (HRC)	
The square root of the mean of the squares of successive differences between adjacent NN intervals	RMSSD
The standard deviation of the NN-intervals	SDNN
The percentage of decelerations (pDec) defined as the percentage of NN-intervals larger than the mean NN-interval of the past five minutes	pDec
The standard deviation of NN-intervals corresponding to percentage of decelerations	SDDec
Average acceleration response (average HR response to accelerations using PRSA)	AAR
Respiration	
Mean respiratory rate	meanResp
Interdecile range of respiratory rate (a measure of the difference between the 90th and 10th percentile of the respiratory rate)	RespIDR
The standard deviation of respiratory rate	RespSD
The skewness of respiratory rate (A measure of the degree of distortion compared to a Gaussian distribution of the respiratory rate)	RespSkew
Movement derived from ECG	
Interdecile range of the SII (A measure of the difference between the 90th and 10th percentile estimate of infant motion)	SII-IDR
Standard deviation of the SII. (A measure of the dispersion of estimated infant motion)	SII-SD
Skewness of the SII (a measure of the degree of distortion compared to a Gaussian distribution of estimated infant motion)	SII-Skew