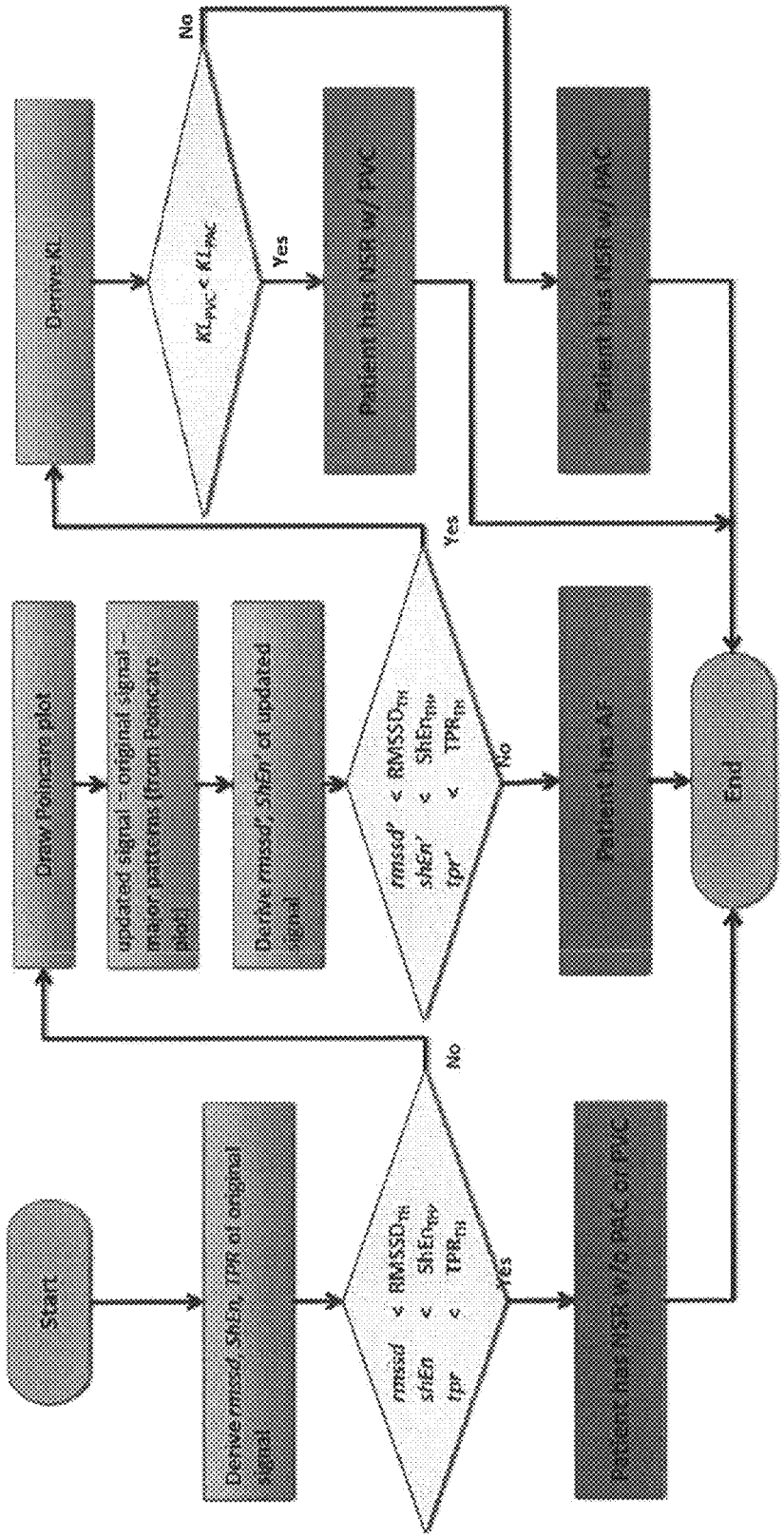
Start
Derive rmssd, ShEn, TPR of original signal
rmssd < RMSSD_TH
shEn < ShEn_TH
tpr < TPR_TH
Yes
No
Patient has NSR w/o PAC or PVC
Draw Poincare plot
updated signal = original signal – major patterns (from Poincare plot)
Derive rmssd', ShEn' of updated signal
rmssd' < RMSSD_TH
shEn' < ShEn_TH
tpr' < TPR_TH
Yes
No
Patient has AF
End
Derive KL
KL_PVC < KL_PAC
Yes
No
Patient has NSR w/ PVC
Patient has NSR w/ PAC

Fig. 1