

### Scan & Recorded ECG Image

Existing ECG	Disease	saahECG/aiECG
Not Displayed	SVT	Displayed
Not Displayed	AVNRT	Displayed
Not Displayed	AVRT	Displayed
Only displayed wide QRS	Wide QRS (various diseases)	Hidden signal visualized
Not Displayed	HF	Displayed
Not Displayed	His bundle (His disease)	Displayed
Not Displayed	AV node (AV node disease)	Displayed
Not Displayed	Bundle branches	Displayed

### Image Anomaly but Not Differential Diagnosis

Existing ECG	Image anomaly displayed	saahECG/aiECG
Can not	T wave inversion	about 75%±
Can not	HF (Heart Failure)	about 95%±
guess	Tachycardia (ventricular or supraventricular)	about 99%
guess	Conduction block position	about 99%
Can not	Atrioventricular junction	about 90%±
Can not	His bundle positioning (upper or lower)	about 99%
Can not	Atrial/ventricular (primary/secondary)	about 80%±

### CAD/AMI/ACS Display rate and diagnostic rate

Existing ECG	ST segment display rate only	saahECG/aiECG
Elevation/Descent 50% after AMI/ACS	STy [ST segment on Y-axis] AMI/ACS (after incident)	Elevated/Descent 96% ± after AMI/ACS
N/A	STx (CAD not occurring MI/AMI)	Display rate 93%±
N/A	STj (CAD not occurring MI/AMI)	Display rate 99%
N/A	STw (CAD not occurring MI/AMI)	Display rate 90%±
N/A	STs (CAD not occurring MI/AMI)	Display rate 95%±

### Quantitative diagnosis (quantized data value)

Existing ECG	Quantitative diagnosis	saahECG/aiECG
Yes	R-R interval	Yes
inaccurate	P-R interval	Very accurate
N/A	18 parameters	Yes

\* saahECG quantitative data is compared with Invasive EP