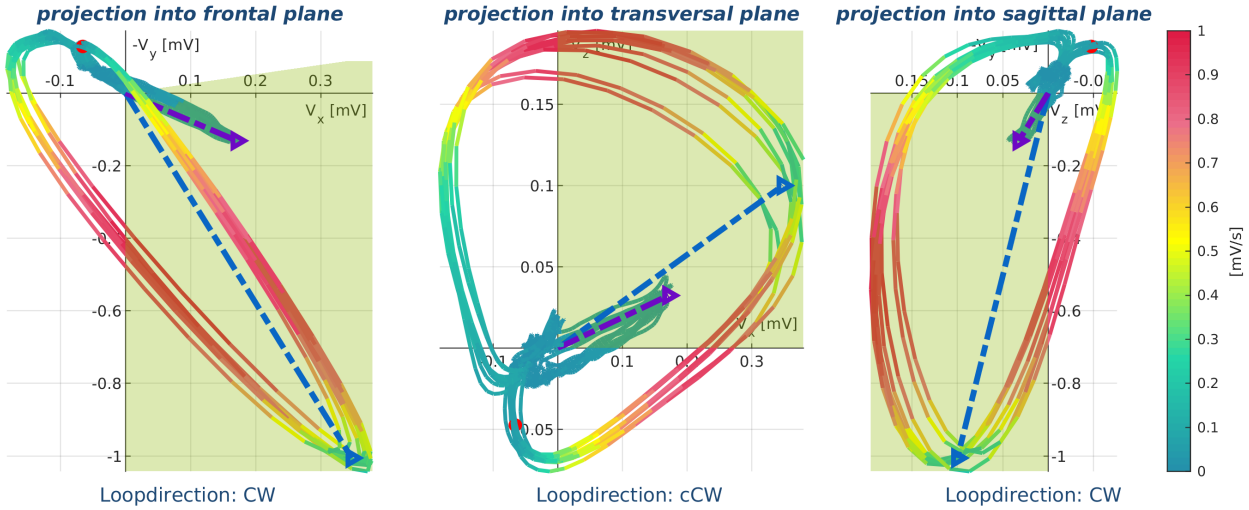
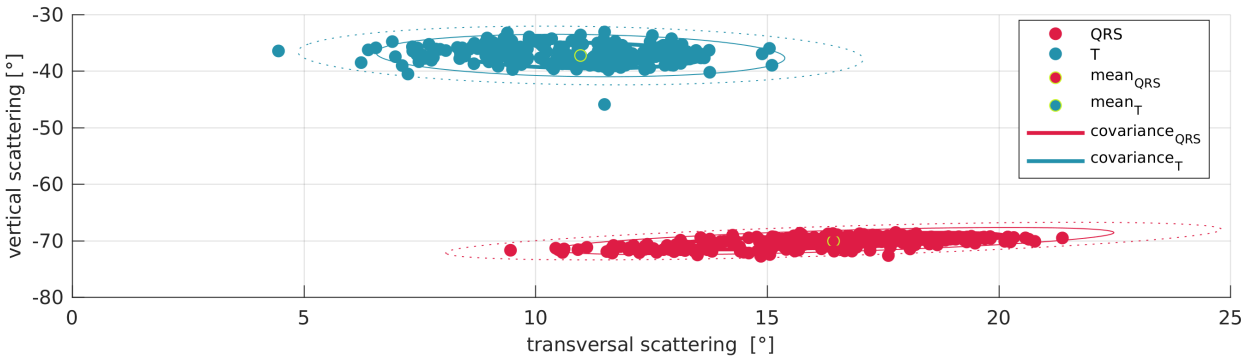
CARDISIOGRAPHY

Vectorcardiography





Pretest Risk

VCG results

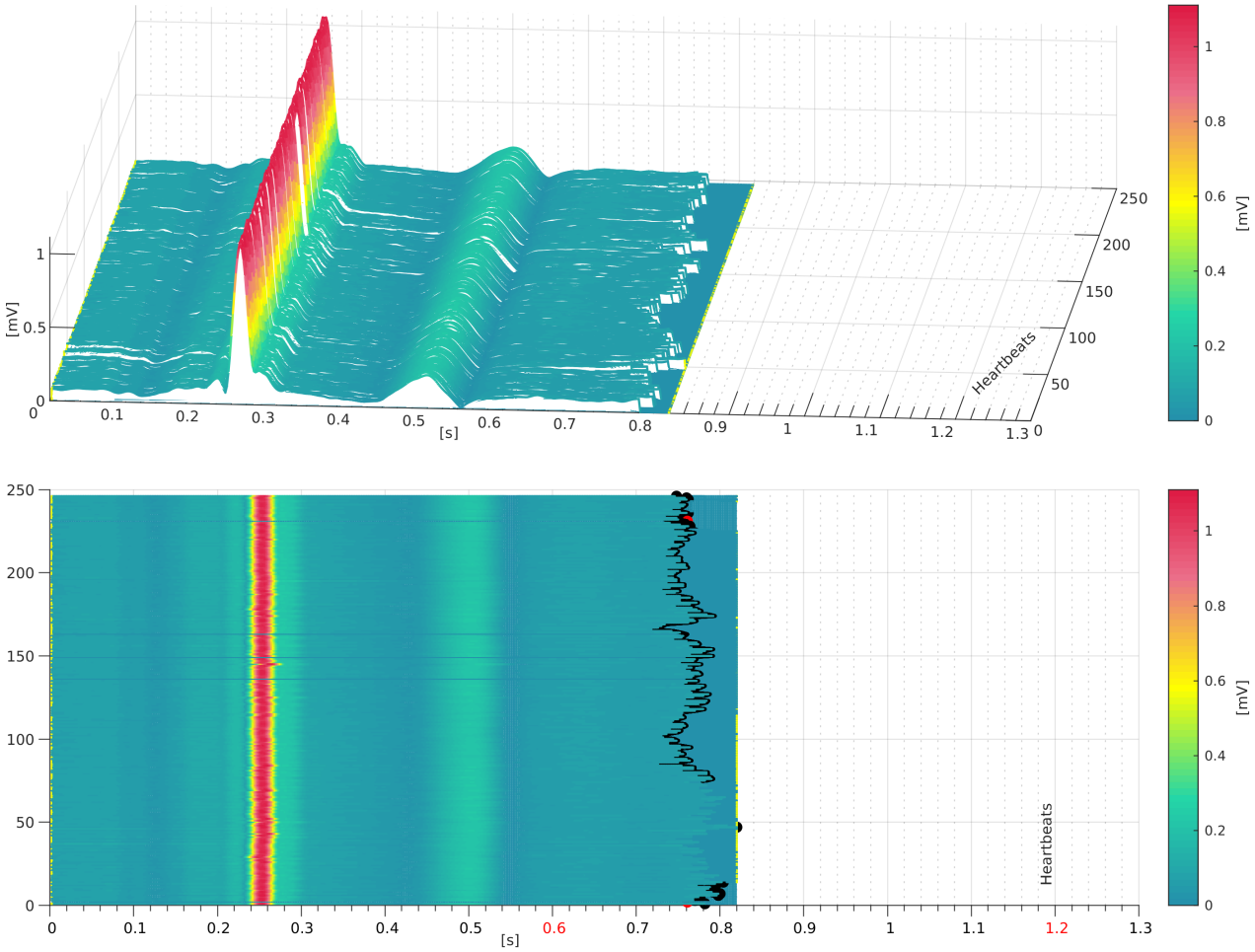
Parameter	Value	Unit	Reference
CSG-Index:	-0.998		< -0.27
3D QRS vector:	71	°	-30 — 90
3D T vector:	38	°	-30 — 90
3D QRS T angle:	33	°	< 100
Superposition:	100.00	%	> 50
T Magnitude:	0.44	mV	> 0.4

VCG parameters within normal range.

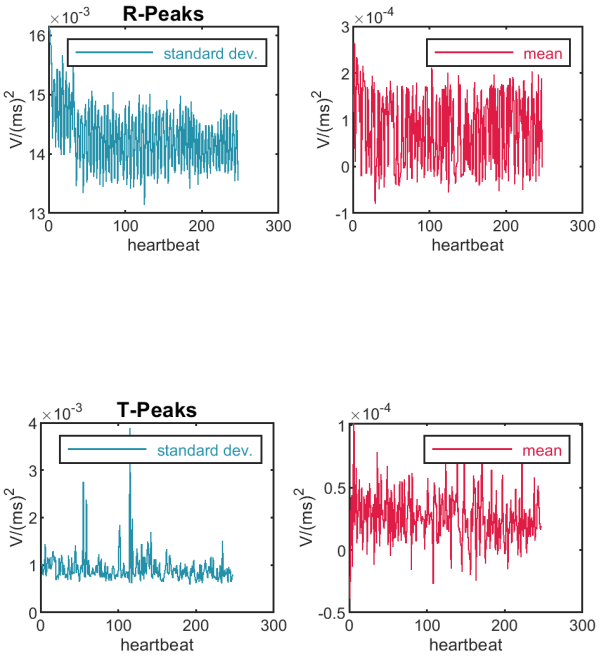
Scatter Analysis

Parameter	Value	Unit	Reference
Scatter QRS:	1.4	°	< 4,5
Scatter T:	1.6	°	< 10

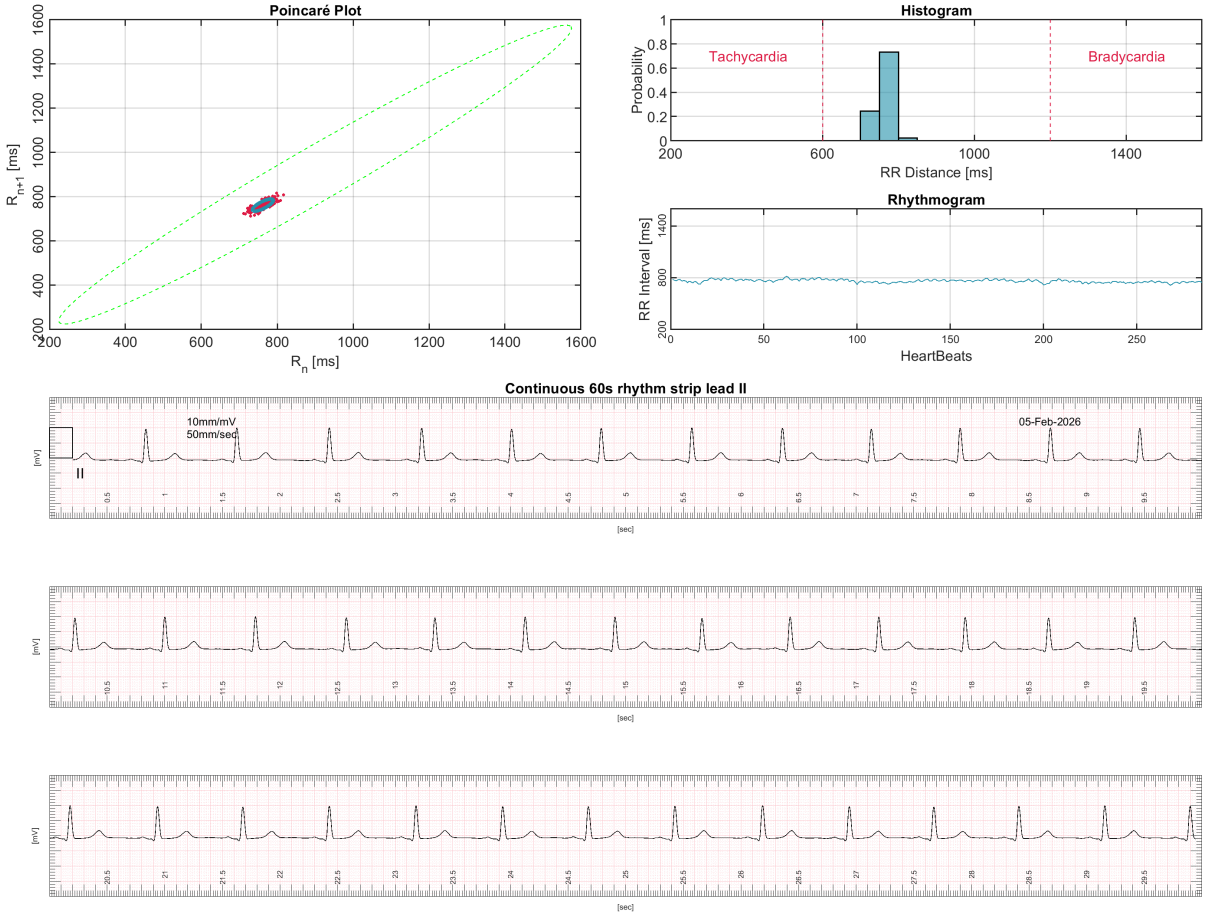
Absolute Cardiogram



Restriction Analysis



Rhythm Analysis



ECG results

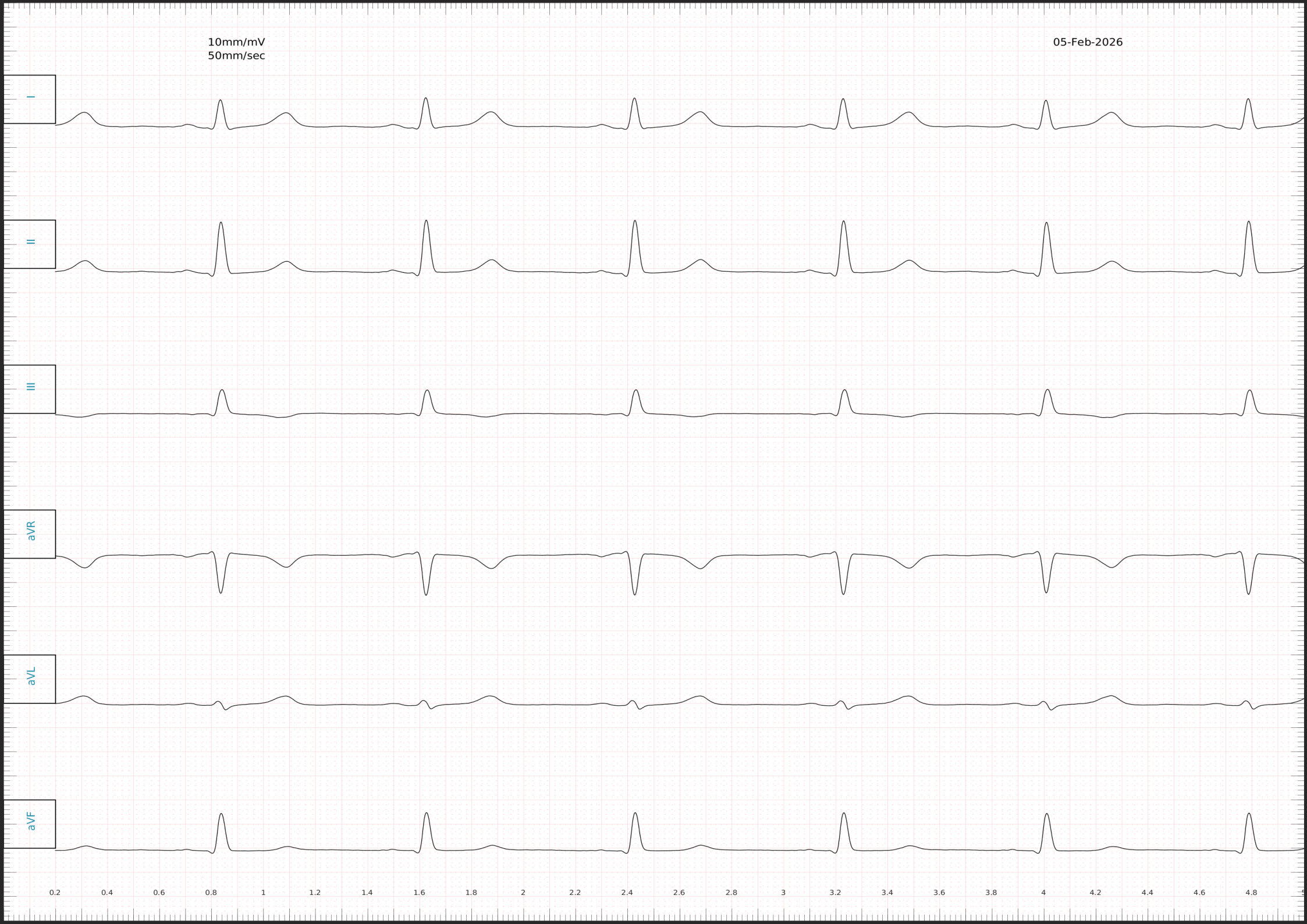
Heart rhythm: Sinus rhythm

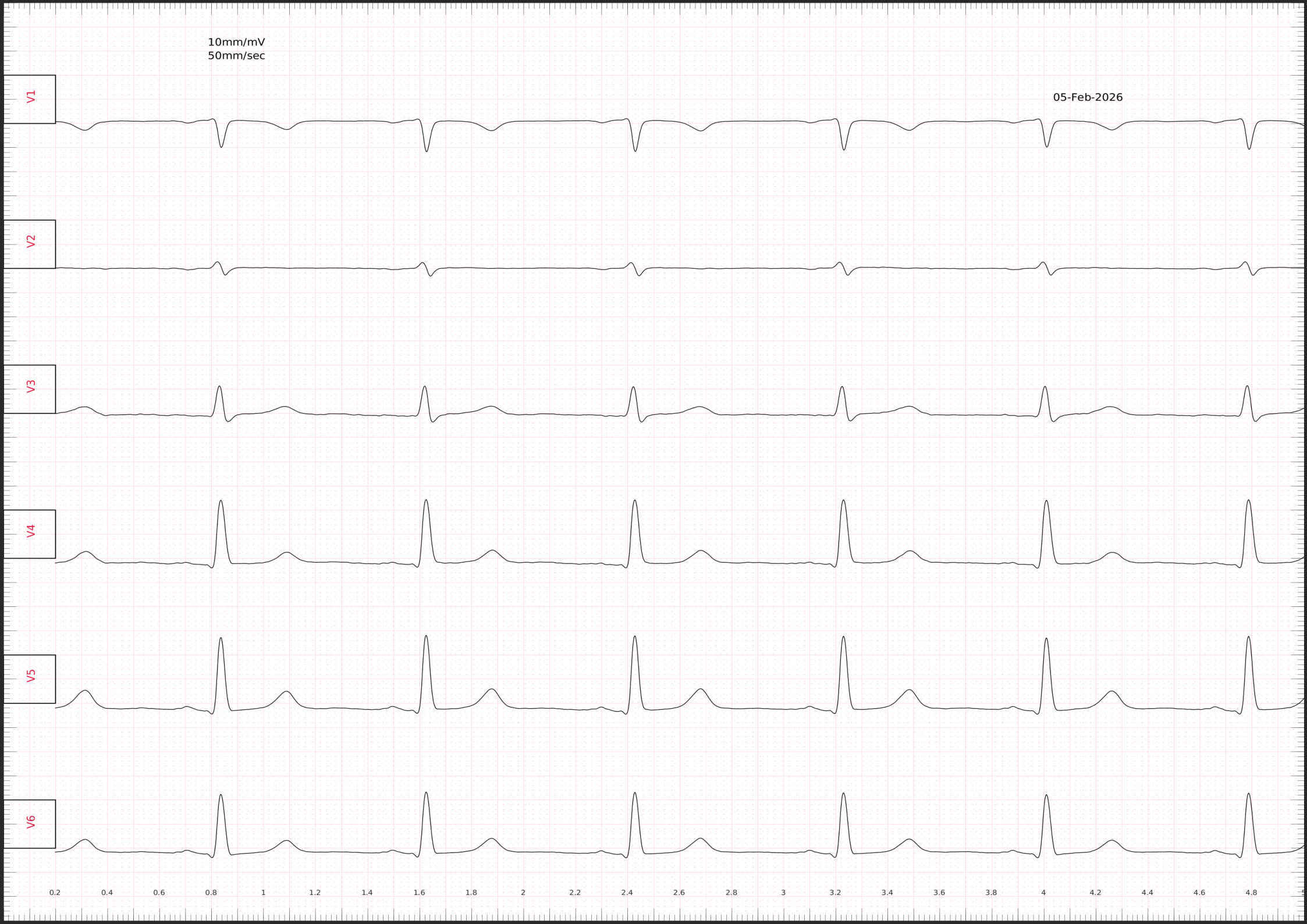
Parameter	Value	Unit	Reference
HR	76	1/min	50 — 100
P:	92	ms	< 120
PQ:	132	ms	120 — 200
QRS:	94	ms	< 120
Cabrera:	Vertical axis		
QT:	374	ms	< 460
QTc Bazett:	420	ms	< 460

ECG parameters within normal range.

Rhythm parameters	Value	Unit	Reference
Percentage of heartbeats outside the norm	0	%	< 10
RMSSD	10	ms	-
PNN50	0	%	-

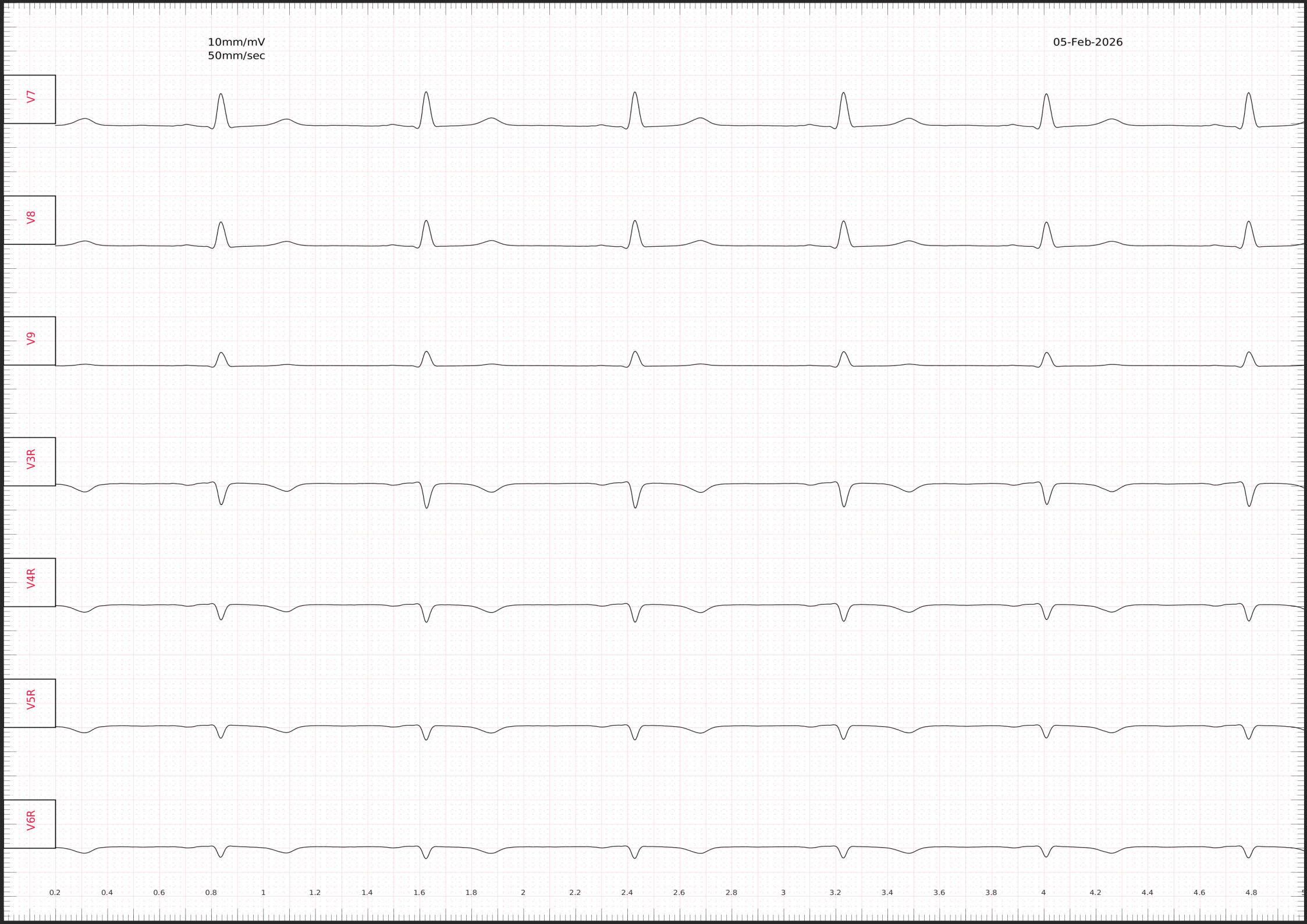
Heartbeats outside the norm may indicate extrasystoles and other cardiac arrhythmias such as atrial fibrillation, atrial flutter or AV blockages. Investigation using a 12-lead ECG is recommended.


10mm/mV
50mm/sec
05-Feb-2026
I
II
III
aVR
aVL
aVF
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
2.8
3
3.2
3.4
3.6
3.8
4
4.2
4.4
4.6
4.8


10mm/mV
50mm/sec
05-Feb-2026
V1
V2
V3
V4
V5
V6
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
2.8
3
3.2
3.4
3.6
3.8
4
4.2
4.4
4.6
4.8

10mm/mV
50mm/sec

05-Feb-2026



CARDISIOGRAPHY

By combining vectorcardiography, electrocardiography and artificial intelligence Cardisiography offers a variety of new parameters for the assessment of cardiac disease. All parameters must be interpreted individually as part of the overall clinical assessment. To aid in the decision-making process, the risk factors for perfusion, structure and arrhythmia with a corresponding decision tree are shown below.

Perfusion

CSG Index

3D QRS T angle

Superposition

Scatter T

Scatter QRS

T Magnitude

P Factor

No clear evidence of reduced perfusion found.

Structure

3D QRS T angle

Scatter T

Scatter QRS

T Magnitude

S Factor

No clear evidence of structural heart disease found.

Arrhythmia

Poincaré analysis

Heart rate

ECG parameters

Atrial fibrillation

A Factor

No clear evidence of arrhythmia found.

The diagnostic accuracy of the method can vary depending on prevalence and patient profile.