

# ECG Evaluation Sheet

Patient

Initials

Date of birth    day month 1 9 year

Sex  F  M

Main diagnosis:

Antiarrhythmics:

Digitalis

RR Intervals

Regular  Y  N

Heart Rate

/ min

Tachycardia (> 90/min)

Bradycardia (< 50/min)

P Wave

Positive in I, II, III (sinus rhythm)  Y  N

Regular, followed by QRS  Y  N

absolute arrhythmia (atrial fibrillation)

"sawtooth" (atrial flutter)

PR Interval

0.12 - 0.20 s  Y  N

shortened, < 0.12 s  prolonged, > 0.2 s (AV block)

Axis Deviation

$S_1Q_{III}$  pattern

$(S_1S_{II}S_{III})$  pattern

Extreme axis deviation

Left axis deviation

Right axis deviation

Normal

QRS Complex

QRS duration normal < 0.1 s  Y  N

Incomplete bundle branch block (0.10 - 0.12 s)

Complete bundle branch block (> 0.12 s)

Terminal deflection delayed in  $V_1$  (> 0.03 s) → RBBB

Terminal deflection delayed in  $V_6$  (> 0.05 s) → LBBB

R Progression

Normal in  $V_1 - V_6$   Y  N

insufficient R Progression in

$V_1$    $V_2$    $V_3$    $V_4$    $V_5$    $V_6$

Q Wave

Significantly pathological in N  Y

$V_1$    $V_2$    $V_3$    $V_4$    $V_5$    $V_6$   II  III  aVF

Signs of Hypertrophy

N  Y  $S_{V_2} + R_{V_5} > 3.5$  mV (Sokolov le.)

$R_{V_2} + S_{V_5} > 1.05$  mV (Sokolov ri.)

ST Segment

Isoelectric  Y  N

ST elevation in

$V_1$    $V_2$    $V_3$    $V_4$    $V_5$    $V_6$   I  II  III  aVR  aVL  aVF

ST depression in

$V_1$    $V_2$    $V_3$    $V_4$    $V_5$    $V_6$   I  II  III  aVR  aVL  aVF

ascend.

horizont.

descend.

T Wave

Positive in I - III,  $V_1 - V_4$   Y  N

negative T wave  symmetr.  preterminal  terminal

QT Interval

QT<sub>C</sub> normal (0.40-0.44)  Y  N

QT interval:

Corrected

QT interval (QT<sub>C</sub>)

Bazett:  $\frac{QT (s)}{\sqrt{RR (s)}}$

Evaluation (ECG Diagnosis)

Normal

Borderline

Pathological

Signature

Date

month day 2 0 year