© BBP

Patient

Initials _____ Date of birth _____ 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

$S_I\ Q_{III}$ pattern ○ ($S_I\ S_{II}\ S_{III}$-pattern) ○

extreme right ○ right ○ extreme left ○

normal ○ left ○

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 Y N ----
○ V_1 ○ V_2 ○ V_3 ○ V_4 ○ V_5 ○ V_6 ○ II ○ III ○ aVF

Signs of Hypertrophy

Y N ----
$S_{V2} + R_{V5}$ > 3.5 mV (Sokolov Ie.) ○ $R_{V2} + S_{V5}$ > 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_C normal (0.40–0.44) Y N QT duration: _____ corrected QT interval QT duration (QT_C) _____

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

Evaluation (ECG Diagnosis)

_____

normal ○ borderline ○ pathological ○

signature _____ date _____

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