

AAPA 2021 Adult Hospital Medicine Boot Camp

Handout ECG & Unknowns Key

ECG – 25

Rate: 62
Rhy: Sinus
Axis: Normal
PR: 190 ms
QRS: 90 ms
QT: 400 ms
RWP: early v2-v3
Int: NSR, otherwise WNL

ECG – 35

Rate: 62
Rhy: Sinus
Axis: Normal
PR: 190 ms
QRS: 90 ms
QT: 400 ms
RWP: early v2-v3
Int: NSR, otherwise WNL

ECG – 36

Rate: 55
Rhy: Sinus
Axis: Normal
PR: 200 ms
QRS: 100 ms
QT: 380 ms
RWP: early v2-v3
Int: Sinus brady, (lots going on,
Early RWP, acute inferior MI with
Reciprocal changes, ? anterolateral MI)

ECG – 42

Rate: 55
Rhy: Sinus
Axis: RAD
PR: 140 ms
QRS: 150 ms
QT: 400 ms
RWP: early v2-v3
Int: Sinus brady, RBBB with
NSSTT changes

ECG – 45

Rate: 61
Rhy: Sinus
Axis: Normal
PR: 200 ms
QRS: 160 ms
QT: 410 ms
RWP: late v4-v5
Int: NSR, LBBB with NSSTT
changes

ECG - 48

Rate: 75
Rhy: Sinus
Axis: Normal
PR: 132 ms
QRS: 120 ms
QT: 380 ms
RWP: late v4-v5
Int: NSR, LBBB with NSSTT changes

ECG – 49

Rate: 59
Rhy: Sinus
Axis: Normal
PR: 1320 ms
QRS: 150 ms
QT: 440 ms
RWP: early v2-v3
Int: NSR, RBBB with NSSTT
changes

ECG - 55

Rate: ?
Rhy: ?
Axis: LAD
PR: 140 ms
QRS: 110 ms
QT: 360 ms
RWP: normal
Int: LAFB example

ECG – 57

Rate: ?
Rhy: ?
Axis: RAD
PR: 160 ms
QRS: 110 ms
QT: 360 ms
RWP: late v4-v5
Int: LPFB example

ECG - 59

Rate: 105
Rhy: Sinus
Axis: RAD
PR: 160 ms
QRS: 80 ms
QT: 380 ms
RWP: normal
Int: NSR, LPFB (mimics LVH, but not)

ECG – 60

Rate: 61
Rhy: Sinus
Axis: LAD
PR: 210 ms
QRS: 110 ms
QT: 520 ms
RWP: late v4-v5
Int: NSR, PVC (v4), LAFB

ECG – 73

Rate: 95
Rhy: Sinus
Axis: LAD
PR: 180 ms
QRS: 90 ms
QT: 400 ms
RWP: normal, right at V3
Int: NSR, LVH with strain

ECG – 77

Rate: 82
Rhy: Sinus
Axis: Normal
PR: 110 ms
QRS: 150 ms
QT: 400 ms
RWP: Poor, no progression
Int: NSR, WPW

ECG – 88

Rate: 110
Rhy: Sinus
Axis: LAD
PR: 160 ms
QRS: 60 ms
QT: 330 ms
RWP: normal
Int: NSR, Acute Complete Anterior MI (includes leads I & aVL), Age Indeterminate Inferior MI

ECG – 90

Rate: 78
Rhy: Sinus
Axis: Normal
PR: 200 ms
QRS: 50 ms
QT: 400 ms
RWP: Poor, no progression
Int: NSR, Acute Inferior and Acute Anterolateral MI

ECG - 91

Rate: 68
Rhy: Sinus
Axis: Normal
PR: 160 ms
QRS: 110 ms
QT: 400 ms
RWP: early v2-v3
Int: NSR, Acute Anterolateral MI

ECG – Unknown 1

Rate: 90
Rhy: Irreg
Axis: LAD
PR: 200 ms
QRS: 80 ms
QT: 350 ms
RWP: early v2-v3
Int: NSR, Acute Anterior MI with high lateral extension (I, aVL)

Unknown 2

Rate: 85
Rhy: Sinus
Axis: LAD
PR: 140 ms
QRS: 130 ms
QT: 400 ms
RWP: early, v2-v3
Int: NSR, RBBB with LAFB and NSSTT changes

Unknown 3

Rate: 70
Rhy: Sinus
Axis: Normal
PR: 160 ms
QRS: 60 ms
QT: 320 ms
RWP: late v4-v5
Int: NSR, Acute Inferior MI

Unknown 4

Rate: 95
Rhy: Sinus
Axis: LAD
PR: 240 ms
QRS: 120 ms
QT: 380 ms
RWP: early v1-v2
Int: First degree AV block, RBBB with LAFB (based on LAD)

ECG – Unknown 5
Rate: 55
Rhy: Sinus
Axis: Normal
PR: 180 ms
QRS: 80 ms
QT: 370 ms
RWP: normal
Int: Within Normal limits

Unknown 6
Rate: 70
Rhy: Sinus
Axis: Normal
PR: 160 ms
QRS: 80 ms
QT: 280 ms
RWP: late v4-v5
Int: Age indeterminate
Anteroseptal MI

Unknown 7
Rate: 62
Rhy: Sinus
Axis: Normal
PR: 200 ms
QRS: 120 ms
QT: 400 ms
RWP: late v4-v5
Int: NSR, LBBB with,
NSSTT changes

RWP = R wave progression
NSSTT = nonspecific ST-T changes

2021 Key