

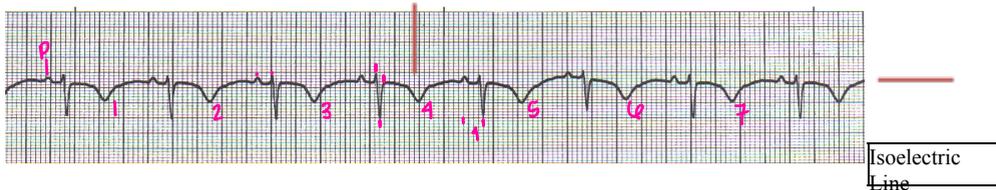
Rhythm Strips Analysis for Practice

Practice #1: little box 0.04 (QRS),



1. What is the Rate?
(R-R) **70bpm** $7 \times 10 = 70$
2. Is there a "P" wave with every "QRS" complex? **Yes**
3. What is the width of the "QRS"? **0.08** $2 \times 0.04 = 0.08$
4. What is the length of the "PR" interval? **0.16** $4 \times 0.04 = 0.16$
5. What is the rhythm? **NSR**
6. Any complications with this rhythm? **No**
7. What interventions are anticipated? **Assess pulses, cap refills, BP, temperature, color. Rule out PEA.**

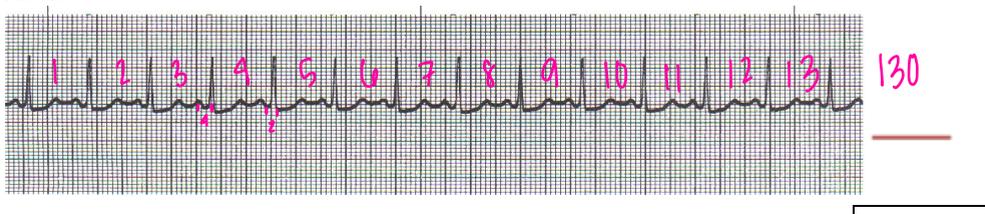
Practice #2



1. What is the Rate?
(R-R) **70 bpm**
2. Is there a "P" wave with every "QRS" complex? **Yes**
3. What is the width of the "QRS"? **$0.04 \times 2 = 0.08$**
4. What is the length of the "PR" interval? **$0.04 \times 3 = 0.12$**
5. What is the rhythm? **Sinus rhythm w/ inverted T wave**
6. Any complications with this rhythm?
ischemia ST changes w/ infarction or injury can occur
7. What interventions are anticipated?
Cardiac assessment, EKG, labs, O2, monitor, notify MD

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #3



1. What is the Rate?
(R-R) **130 bpm**
2. Is there a "P" wave with every "QRS" complex? **yes**
3. What is the width of the "QRS"? **$0.04 \times 2 = 0.08$**
4. What is the length of the "PR" interval? **$0.04 \times 3 = 0.12$**
5. What is the rhythm?
Sinus Tachycardia w/ slightly depressed ST
6. Any complications with this rhythm?
Filling times lost
7. What interventions are anticipated?
Treat cause (pain, fever, anxiety)

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #4



Isoelectric line

1. What is the Rate? **110 - 120 bpm**
(R-R)

- Is there a "P" wave with every "QRS" complex? **NO**
- What is the width of the "QRS"? **$0.04 \times 2 = 0.08$**
- What is the length of the "PR" interval? **NO PR INTERVAL**
- What is the rhythm? **Paroxysmal A fib with RVP**
- Any complications with this rhythm?
LOW perfusion, decreased cardiac output
- What interventions are anticipated?
Antiarrhythmic drugs (amiodarone) for a stable patient. cardioversion if patient is unstable.

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #5 *

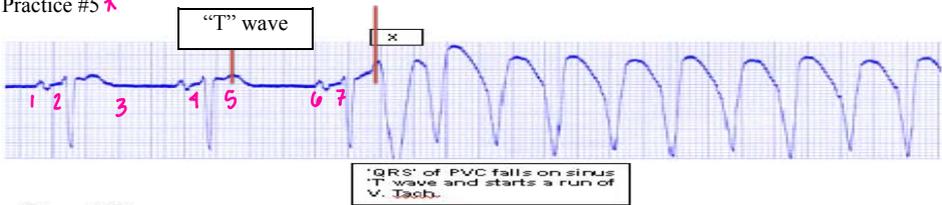
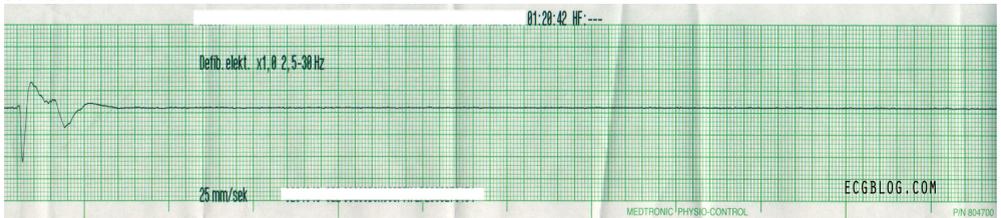


Figure 5-9

- What is the Rate?
(R-R) **70 before v-tach**
- Is there a "P" wave with every "QRS" complex? **before v-tach yes**
- What is the width of the "QRS"? **previous 0.08**
- What is the length of the "PR" interval? **0.20 before v-tach**
- What is the rhythm? **ventricular tachycardia**
- Any complications with this rhythm?
decreased CO, hypotension. can be fatal
- What interventions are anticipated?
Unstable BLS/A&LS right away. Stable cough, bare down

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #6



1. What is the Rate?
(R-R) *check leads. if on correctly 0bpm*
2. Is there a "P" wave with every "QRS" complex? *NO*
3. What is the width of the "QRS"? *0.04 then asystole*
4. What is the length of the "PR" interval? *NO*
5. What is the rhythm? *Asystole*
6. Any complications with this rhythm? *lethal, death*
7. What interventions are anticipated?
CPR. No defibrillation (no electrical currents are going)

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #7



1. What is the Rate?
(R-R) **90 bpm**
2. Is there a "P" wave with every "QRS" complex? **NO**
3. What is the width of the "QRS"? **0.08**
4. What is the length of the "PR" interval? **None**
5. What is the rhythm? **Atrial Flutter**
6. Any complications with this rhythm?
Stroke, thrombus, PE, dec. CO
7. What interventions are anticipated?
**In rhythm < 40h or unstable do sync. cardioversion.
Over 40h in rhythm and stable do anticoagulation
therapy.**

Rhythm Strips Analysis for Part I of Intro to EKG

Practice #8





Isoelectric line

1. What is the Rate?
(R-R) 60 bpm
2. Is there a "P" wave with every "QRS" complex? yes
3. What is the width of the "QRS"? 0.16
4. What is the length of the "PR" interval? 0.48
5. What is the rhythm? SR w/ 1st degree AV block + ST elevation - MI
6. Any complications with this rhythm?
MI can result in death, intervene fast → cath lab
7. What interventions are anticipated?
MONA, cath lab



You can do this!