

## RHYTHM INTERPRETATION

Saturday August 8, 2020

### **Start time: 11 am EST**

Review of cardiac conduction system  
What is the PR, QRS, QT interval and  
How do you measure them?  
What's the big deal if they're abnormal?  
Various way to calculate the rate  
Systematic Approach to Rhythm  
Interpretation

### **Break**

Premature vs. Escape Rhythms  
How to treat difference rhythms: the ACLS  
Approach to Treatment:  
Defibrillation vs. Cardioversion  
Pacing: temporary & permanent

### **Break**

**Rhythms originating in the Atria:** Sinus  
Rhythm, Brady & Tachy  
Atrial Fibrillation/Flutter

### **LUNCH – On Own**

**Rhythms originating at the AV:**  
Junctional Rhythm, AV Blocks

**Rhythms originating in the Ventricles:**  
Ventricular Rhythm, Ventricular Tachycardia  
Torsades de Pointes, Ventricular Fibrillation  
Asystole & PEA case studies

### **Conclusion: 7pm**

This 2-day course is ideal for health care staff or students working in Emergency, ICU, Stepdown, Medical, PACU, Pre-Hospital. The important objective of this 2-day workshop is to better understand normal and abnormal rhythms and ECGs. Throughout both days, there will be discussions on appropriate actions and treatments according to current AHA/ACC/CCS Guidelines.

## ECG INTERPRETATION

Sunday August 9, 2020

### **Start Time: 11 am EST**

Basic housekeeping about the 12 Lead ECG  
The Systematic Approach to ECG Assessment:

### **RIRI**

(Rate-Intervals-Rhythm-Ischemia/Infarction)

**RATE:** a review on various ways to calculate  
**INTERVALS & RHYTHMS:**

ECG Case studies of: AV Blocks, Bundle  
Branch Blocks, Long QT

### **LUNCH - On own**

### **ISCHEMIA/INFARCTION:**

What is an Acute Coronary Syndrome?  
What will the ECG look like with an ACS?  
Learn the various parts of the heart  
the ECG looks at  
STEMI, NSTEMI – What's the difference?  
So, your patient is having an MI – What  
complications can you expect and why?  
(the boot, gun and leftovers)  
How can you tell between an  
acute, recent and old MI?

Case Study Jeopardy:  
Practice Session of various ECGs

### **Conclusion: 7pm**

*If you are looking for an excellent resource manual, please consider purchasing our e-version **The Heart of the Matter** manual. With your purchase, we will mail you a hard copy version as well. To order, go to [www.qrs-education.com](http://www.qrs-education.com) under 'Products'.*

## REGISTRATION FORM

Name (print clearly):

Phone number:

What area do you work in?

Email address: (confirmation & receipt will be sent via email):

**Please mark the session(s) you will be attending:**

### **ONLINE**

- Rhythm: August 8, 2020  
 ECG: August 9, 2020

Cost \$110.00 per day

Cost \$200.00 per two days

### **3 ways to Register & Pay:**

- 1. Online:** Register directly at [www.qrs-education.com](http://www.qrs-education.com) under *Courses*
- 2. Mail:** Fill in the details above and mail this, along with a cheque, payable to QRS Educational Services, to 728 Anderson St., PO Box 59025, Whitby, ON. L1N 0A4.
- 3. Phone:** call QRS directly at 905-668-2232

### **About the Presenter:**

Darlene Hutton is a nurse with 37 years of experience. She has worked in CCU, ICU, PACU, and Emergency as a staff nurse, nurse educator and CCU manager. She has been involved in cardiology and diabetic clinical research and brings a wealth of evidence-based practice into her presentations. She has been presenting workshops for the last 27 years throughout Canada.

Participant evaluations are always positive with frequent comments about her way of making things easy to understand. Participants include nurses, nurse practitioners, nursing students, physicians, paramedics, pharmacists, and technicians.

Her company, QRS Educational Services, is known for bringing courses to the customer, and providing education and training anywhere in Canada from large urban hospitals to air-access only nursing stations. QRS Educational Services also provides ACLS, ACLS-Experienced Provider, PALS, PEARs, and TNCC.

We are celebrating our 27<sup>th</sup> anniversary in 2020. Thank you for your continued support.

These 8-hour courses are offered online via Zoom. You will need good internet connection to attend. Due to delays in mailing via Canada Post, we will email you the course material for you to print.

Once you have registered, we will send you an email with the Course information.

Certificates will be issued electronically after course completion.

#### **Cancellation Policy:**

Refund, less \$40 admin fee, if cancelling up to the day prior to the course.

No refund for no shows.

**Would you like this course offered at your organization?**

**Please contact us at  
(905) 668-2232 or visit us at  
[www.qrs-education.com](http://www.qrs-education.com)  
Please visit us at  
[www.qrs-education.com](http://www.qrs-education.com)**

***QRS Educational Services presents:***

**1 Day Rhythm  
&  
1 Day ECG  
Interpretation  
Workshop**



**ONLINE**

**August 8 & 9, 2020**

Start -11am Eastern Standard Time

**Presented by:**

**Darlene Hutton RN, BScN, MSN  
QRS Educational Services**