

## **Online Learning Sites:**

### **Basic Cardiac Rhythm Interpretation Sites:**

<http://www.free-ed.net/sweethaven/MedTech/CardiacRhythm/571.asp>

\*\*Skill Stat Simulator. <http://www.skillstat.com/Flash/ECGSim531.html>

\*\*Check List for Cardiac Rhythms: ( **Job Aid**)

<http://nursesaregreat.com/articles/arrhythm.htm>

[ECG Course 1](#) Podcast ( 21:34 minutes)

<http://www.youtube.com/watch?v=TOkpUURCm9M&feature=related>

[ECG Course 2](#) Podcast (21:34 minutes)

<http://www.youtube.com/watch?v=ijVu77eSuko&feature=channel>

\*\*[Cardiac Arrhythmias- Dance](#) Hold a Cardiac Rhythm Review Dance Party!

[Diagnosis Wenkebach](#)

Cardiac Rhythm Interpretation Series

[01 Electrocardiography 01](#)

[01 Electrocardiography 02](#)

[01 Electrocardiography 03](#)

[01 Electrocardiography 04](#)

### **Chest X-ray Interpretation:**

\*\*Introduction to Chest Xrays

<http://www.med-ed.virginia.edu/courses/rad/cxr/index.html>

\*\*Interpretation of ICU Chest Films

<http://www.med-ed.virginia.edu/courses/rad/chest/>

5 Steps to X-ray Interpretation ( General)

<http://www.youtube.com/watch?v=66cT7CfoYUk>

WH Radiology Registrar Talks 2008 – Chest 0802

<http://www.flickr.com/photos/77814749@N00/sets/72157603842123415/>

Chest Xray Atlas

[http://www.meddean.luc.edu/lumen/meded/medicine/pulmonar/cxr/atlas/cxratlas\\_f.htm](http://www.meddean.luc.edu/lumen/meded/medicine/pulmonar/cxr/atlas/cxratlas_f.htm)

Chest xray Links Page

[http://www.rtc corner.net/rt\\_xray.htm](http://www.rtc corner.net/rt_xray.htm)

WHXR Medical Students Talk 2 2008 - Chest Review 080310.001-001

<http://www.flickr.com/photos/77814749@N00/sets/72157604084352148/show/with/2324055526/>

Urgent Imaging Talk, Final Year Medical Students, Title, 20th Aug 2008

<http://www.flickr.com/photos/77814749@N00/sets/72157606846300607/show/with/2780700422/>

LearningRadiology.com Recognizing thing ( on xrays) plus many other modules

<http://www.learningradiology.com/medstudents/medstudtoc.htm>

Xrays Case Studies Systems

<http://myweb.lsbu.ac.uk/dirt/museum/chest.html>

\*\*Body Images Teaching Files

<http://www.uhrad.com/ctarc.htm>

### **Anatomy and Physiology:**

NHC **Anatomy and Physiology** II Animations Movies & Interactive Tutorial Links  
Anatomy & Physiology II Animations Movies & Interactive Tutorial Links ( whole list of resources) <http://nhscience.lonestar.edu/biol/ap2int.htm>

Human Anatomy Online: <http://www.innerbody.com/htm/body.html>

Heart Anatomy and Physiology Review:

<http://www.skillstat.com/Flash/HeartScape531.html>

Conduction System

Animation of the Heart - excitation, contraction and coupling

<http://www.youtube.com/watch?v=rBQOLiFto6Q&feature=related>

Cardiovascular Physiology Concepts

[http://www.cvphysiology.com/table\\_of\\_contents%20-%20disease.htm](http://www.cvphysiology.com/table_of_contents%20-%20disease.htm)

Cardiovascular Pharmacology Concepts

<http://www.cvpharmacology.com/index.html>

Synapse Game - Farmer taken by aliens learn about

synapses. <http://nobelprize.org/medicine/educational/synapse/index.html> Funny

Immune System Defender Game

<http://nobelprize.org/medicine/educational/immunity/index.html>

Anatomy <http://www.bbc.co.uk/science/humanbody/>

**Assessment:**

## Lifeboats -Online Learning Resources

Auscultation Assistant <http://www.wilkes.med.ucla.edu/intro.html> Heart Sounds  
Cardiac Examination: Heart Sounds and click on activity <http://www.blaufuss.org/>

**\*\*Nurse411.com Online Courses ( free if you do not use the tests)**

<http://www.nurse411.com/default.asp>

### **Sepsis:**

IHL.org <http://www.ihl.org/IHI/Topics/CriticalCare/Sepsis/>

### **ACLS**

<http://www.acls.net/> ( Parts are being updated, to be completed soon)  
<http://www.skillstat.com/skills2.htm>

**Chest Tubes:** [http://rtcorner.net/rt\\_chest\\_tubes.htm](http://rtcorner.net/rt_chest_tubes.htm)

### **ECG's:**

Do an ECG and Interpret on four men

<http://nobelprize.org/medicine/educational/ecg/index.html> FUN

ECG Learning Center <http://library.med.utah.edu/kw/ecg/>

ECG Library <http://www.ecglibrary.com/ecghome.html>

Emergency Electrocardiography Online Training Module

<http://www.emedu.org/ecg/index.htm>

ECG Library

[http://www.emedu.org/ecg\\_lib/index.htm](http://www.emedu.org/ecg_lib/index.htm)

### **Blood Gases:**

Interpretation Information /Links [http://rtcorner.net/rt\\_abg.htm](http://rtcorner.net/rt_abg.htm)

Blood Gas Analysis: [http://www.maagnursing.com/ABG/basic\\_questions.php](http://www.maagnursing.com/ABG/basic_questions.php)

Acid Base Tutorial: Tulane University <http://www.acid-base.com/index.php>

Acid Base Physiology: <http://www.anaesthesiamcq.com/AcidBaseBook/ABindex.php>

Differentiating Acid-Base Disturbances

[http://www.wisconline.com/objects/index\\_tj.asp?objID=NUR4904](http://www.wisconline.com/objects/index_tj.asp?objID=NUR4904)

**\*\*Gas Exchange Lung Model - Adjust parameters that effect gas exchange and see resultant effect on Venous and arterial gases. FUN. John Hopkins University**

<http://oac.med.jhmi.edu/LungModel4.2/>

**Pulmonary Artery Catheter:**

SG Troubleshooting Video: Edwards LifeSciences:

<http://www.edwards.com/products/pacatheters/sgtroubleshooting.htm>

( also many other videos here)

Hemodynamic Case Studies:

<http://www.anesthesia.wisc.edu/med3/Hemodynamic/hemodynamic.html>

Pulmonary Artery Catheter You Tube Video on Insertion and waveforms

<http://www.youtube.com/watch?v=sygNe0McMK4&feature=related>

Pulmonary Artery Catheter Education Module <http://www.pacep.org/>

**Cardiac Interventions:**

Transcutaneous Pacing: Phillips: Video power point presentation -

[http://www6.medical.philips.com/cmsmedia/pacing/pacing\\_files/default.htm](http://www6.medical.philips.com/cmsmedia/pacing/pacing_files/default.htm)

Heart Animation: Coronary Angiography ( Cardiac Catheterization) Intended for Patient information but shows animation video that would be helpful for novice to visualize before observation in Cardiac Catheter Lab

Cardiac Examination/Heart Sounds/ Electrocardiograms and Arrhythmias

<http://www.blaufuss.org/tutonline.html>

**Airways:**

Cook Critical Care Airways:

[http://www.cookmedical.com/cc/educationResource.do?id=Educational\\_Video](http://www.cookmedical.com/cc/educationResource.do?id=Educational_Video)

- Retrograde intubation
- Cricothyrotomy
- Percutaneous Dilational Tracheostomy)
- Percutaneous Tracheostomy)

Action Plans for Airway Problems from Hell

<http://www.medi-smart.com/anes25.htm>

Difficult Airways:

<http://vam.anest.ufl.edu/airwaydevice/videolibrary/index.html>

Cricoid Pressure Visuals and article:

[http://www.jephc.com/full\\_article.cfm?content\\_id=193](http://www.jephc.com/full_article.cfm?content_id=193)

Rapid Sequence Induction: article [http://www.jephc.com/full\\_article.cfm?content\\_id=193](http://www.jephc.com/full_article.cfm?content_id=193)

Lectures Rhythms and Conditions (USC 2006)

**Rhythms of the Heart** <http://www.youtube.com/watch?v=OPY8aJ3JtWQ>

**Mechanical Ventilation:**

Critical care Medicine Tutorials: University of Pennsylvania

<http://ccmtutorials.com/rs/intubate/index.htm>

Peep <http://www.youtube.com/watch?v=hOa7zO1lImI>

Mechanical Ventilator Simulator:

<http://www.ohsu.edu/academic/picu/medialab/vent/index.html>

Ventilator Types and Modes Part 1

[http://www.youtube.com/watch?v=IUZ3Plmz\\_YQ&feature=related](http://www.youtube.com/watch?v=IUZ3Plmz_YQ&feature=related)

Ventilator Types and Modes Part 2

<http://www.youtube.com/watch?v=nGJlePPGQn0&feature=related>

Ventilator Weaning Part 1 of 3

<http://www.youtube.com/watch?v=oKjUDTJmCtA&feature=related>

Ventilator Weaning Part 2 of 3

<http://www.youtube.com/watch?v=r7T2UwqHdEk&feature=related>

Ventilator Weaning Part 3 of 3 [http://www.youtube.com/watch?v=iqgEL-](http://www.youtube.com/watch?v=iqgEL-FiJAg&feature=related)

[FiJAg&feature=related](http://www.youtube.com/watch?v=iqgEL-FiJAg&feature=related)

**Pulmonary Disorders:**

Respiratory Failure: <http://www.aic.cuhk.edu.hk/web8/respfa%7E1.htm>

Chest Tubes: [Chest tube insertion on resus.com.au](http://www.resus.com.au)

**Burns Trauma:**

**Emergency Care of the Burn Patient University of Utah Health Sciences Center**

<http://uuhsc.utah.edu/burncenter/emergencycare/index.html>

Site for written text combined with Visuals for Burn Care

[http://medstat.med.utah.edu/kw/ibc/emergency\\_care/](http://medstat.med.utah.edu/kw/ibc/emergency_care/)

Burn Surgery.Org <http://www.burnsurgery.org/>

Videos of Compartmental Syndrome fasciotomy and healing

[Part 1- Brad's Surgery - Exploding Leg Bandage Dressing](#)

[Part 2 - Brad's Surgery - Skin Graft](#)

[Part 3- Brads Surgery - 37 Days after Skin Graft](#)

[Part 4 - Brads Surgery 4 months after graft\\_b](#)

\*\*\*( You tube will request you sign up and confirm you are over 18 to view these videos as they could be disturbing to nonmedical individuals.)

[Case 1 Scald](#)

[Case 2 Accidental Flame Burn](#)

[Case 3 Electrical Burn](#)

[Accidental flame burns](#)

Patient's Perspective: Burn Survivors Online: <http://www.burnsurvivorsonline.com/>

**PACU- ( Perianesthesia)**

Digital Library – Anesthesia: Thomas Jefferson University

<http://jeffline.tju.edu/Education/courses/anesth/docs/library/general.html>

Laryngeal video recordings: Laryngospasm : Voicedoctor.net

<http://www.voicedoctor.net/media/video/laryngospasm/laryngospasmmovie.html>

Slide show on Malignant Hyperthermia:

[http://www.mhaus.org/NonFB/Slideshow\\_eng/SlideShow\\_ENG\\_files/frame.htm](http://www.mhaus.org/NonFB/Slideshow_eng/SlideShow_ENG_files/frame.htm)

Quiz: Malignant Hyperthermia: provided by the MetroHealth Anesthesia Association.

[http://metrohealthanesthesia.com/edu/mh/mh\\_quiz.htm](http://metrohealthanesthesia.com/edu/mh/mh_quiz.htm)

**Clinical Skills Online**

<http://www.elu.sgul.ac.uk/cso/media.php>

**Neurological Exams:**

PediNeurologic Exam

[http://library.med.utah.edu/pedineurologicexam/html/home\\_exam.html](http://library.med.utah.edu/pedineurologicexam/html/home_exam.html)

## Lifeboats -Online Learning Resources

Neurologic Exam : An Anatomical Approach

[http://library.med.utah.edu/neurologicexam/html/home\\_exam.html](http://library.med.utah.edu/neurologicexam/html/home_exam.html)

### **Searchable Library Databases :**

PubMed

<http://www.medilexicon.com/pubmedarticles.php>

National Library of Medicine

<http://www.nlm.nih.gov>

On-line Medical Library

<http://www.emedicine.com>

Pharmacology

<http://www.PDR.net/nurse>

<http://www.pharma-lexicon.com>

<http://www.NDHnow.com>

<http://www.micromedex.com>

### **Other Teaching Resources/repositories :**

The Ottawa Hospital: Lessons from the ICU: The Winnipeg H1N1 outbreak

<http://mediasite.otn.ca/mediasite41/Viewer/?peid=578f1f7d4fd94dc0a0599f635cce2593>

Sharable Learning Objects from the Wright State College of Nursing and Health

<http://www.wright.edu/nursing/shareableobjects/>

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Dalhousie University Learning Resources:

<http://www.medstudentlc.com/other%20pages/interactive%20content.html>

Simulation Case Library

<http://www.emedu.org/simlibrary/>

Medline Plus Videos of Surgical Procedures

<http://www.nlm.nih.gov/medlineplus/surgeryvideos.html>

Guided Tour :Visible Human Project: <http://www.madsci.org/~lynn/VH/tour.html>

Site for medication information: <http://www.aic.cuhk.edu.hk/web8/inotropes.htm>

Drugs , Supplements and Herbal Mediations;

<http://www.nlm.nih.gov/medlineplus/druginformation.html>

Society of Critical Care Medicine : Learn ICU.org: Video presentations

[http://www.learnicu.org/Clinical\\_Practice/Systems/Pages/default.aspx](http://www.learnicu.org/Clinical_Practice/Systems/Pages/default.aspx)

## Lifeboats -Online Learning Resources

Yale University School of Medicine: Anatomy, Images, Techniques, Findings, Cases  
<http://info.med.yale.edu/intmed/cardio/imaging/contents.html>

London Health Sciences Center: Collection of materials and online learning. Nurses:  
[http://www.lhsc.on.ca/Health\\_Professionals/CCTC/](http://www.lhsc.on.ca/Health_Professionals/CCTC/)

### **Repositories:**

\*\*Multimedia Educational Resource for Learning and Online Teaching (MERLOT)  
<http://www.merlot.org/merlot/index.htm>

\*Wisconsin Online Resource Center (Wisc-Online) <http://www.wisc-online.com/>

Maricopia Exchange [http://www.mcli.dist.maricopa.edu/mlx/search\\_results.php](http://www.mcli.dist.maricopa.edu/mlx/search_results.php)

List of repositories: <http://ilearn.senecac.on.ca/lop/repositories/repositories.htm>

**Wikis** ( according to your choices wiki may be free or a fee is charged)

\*\*Wikispaces <http://www.wikispaces.com/>

Wetpaint <http://www.wetpaint.com/>

PBWorks <http://pbworks.com/>

Googlesites

<https://www.google.com/accounts/ServiceLogin?continue=http%3A%2F%2Fsites.google.com%2F&service=jotspot&passive=true&ul=1>

### **Free Tools for Learning Activities:**

Flash Player [www.adobe.com/products/flashplayer](http://www.adobe.com/products/flashplayer)

Real Player media player [www.real.com](http://www.real.com).

QuickTime Player free download: search for "Quicktime"

This is all I have time to compile at this point. Hope these sites are helpful. Keep up the search for Lifeboats and share. Remember to ask for permission if you are going to use the sites, check status copyright, shareware... freeware. Most people, in my experience do not mind sharing.

Susan Warman [susan.warman@rvh.nb.ca](mailto:susan.warman@rvh.nb.ca)