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=ijYu77eSuko&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**

**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

Chest xray Links Page
http://www.rtcorner.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/232405526/

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

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:

**Nurse411.com Online Courses (free if you do not use the tests)** [http://www.nurse411.com/default.asp](http://www.nurse411.com/default.asp)

**Sepsis:**
IHL.org [http://www.ihi.org/Topics/CriticalCare/Sepsis/](http://www.ihi.org/Topics/CriticalCare/Sepsis/)

**ACLS**
[http://www.acls.net/](http://www.acls.net/) (Parts are being updated, to be completed soon)
[http://www.skillstat.com/skills2.htm](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](http://nobelprize.org/medicine/educational/ecg/index.html) FUN

ECG Learning Center [http://library.med.utah.edu/kw/ecg/](http://library.med.utah.edu/kw/ecg/)


Emergency Electrocardiography Online Training Module [http://www.emedu.org/ecg/index.htm](http://www.emedu.org/ecg/index.htm)


**Blood Gases:**
Interpretation Information /Links [http://rtcorner.net/rt_abg.htm](http://rtcorner.net/rt_abg.htm)


Acid Base Physiology: [http://www.anaesthesiamcq.com/AcidBaseBook/ABindex.php](http://www.anaesthesiamcq.com/AcidBaseBook/ABindex.php)


**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/](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

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:  

- Retrograde intubation
- Cricothroidotomy
- 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

Rapid Sequence Induction: article 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=QPY8aJ3JtWQ

Mechanical Ventilation:

Critical care Medicine Tutorials: University of Pennsylvania
http://ccmtutorials.com/rs/intubate/index.htm

Peep http://www.youtube.com/watch?v=hOa7zO11lmI

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=JUZ3Plmz_YQ&feature=related

Ventilator Types and Modes Part 2
http://www.youtube.com/watch?v=nGJIePPGQn0&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=iqqEL-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
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/


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

**(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

Quiz: Malignant Hyperthermia: provided by the MetroHealth Anesthesia Association.
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
Neurologic Exam: An Anatomical Approach
http://library.med.utah.edu/neurologicexam/html/home_exam.html

**Searchable Library Databases:**
- PubMed
  http://www.medilexicon.com/pubmedarticles.php
- National Library of Medicine
- 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=578f1f7d4fd94dc0a0599f635cee2593
- Sharable Learning Objects from the Wright State College of Nursing and Health
  http://www.wright.edu/nursing/shareableobjects/
- 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
- 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 Medications;
- Society of Critical Care Medicine: Learn ICU.org: Video presentations
  http://www.learnicu.org/Clinical_Practice/Systems/Pages/default.aspx
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/

**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

**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


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.

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