How to Keep Up with Ever Changing Technology - What Works Best and What Resources are Available

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Being Proactive

Responsible for keeping up with the worlds ever changing technology







What do
I need to
do my
job?



How do
I
keep up
with
technology?







Your vendor and what they can offer
Online information
Working with your radiologist and physicist
Knowing your scanner



Very important component to understanding your CT scanner

Can be an overwhelming process if too many people

are involved

Time for intense, valuable learning



Small number of technologists to participate

Minimizes confusion

Responsible for training other staff







Applications
specialists share
checklists and other
training materials to
help train additional
staff



Allow normal patient schedule to operate on other scanners if possible





Educational connection to your scanner

Contact information for any questions you have regarding this equipment

There is NEVER a dumb question







Your applications specialist is there to help YOU. This is their job. Use these people to your advantage!



Direct line to other product specialist to answer questions



4A PV

Vendors also offer education to their customers. Often this is FREE!



1. GE-Tips TVhttp://www.gehealthcare.com/usen/educa tion/sat_edu/products/tiptvondemand.ht ml

2. Siemens Medical Academyhttps://www.learnatsiemens.com/Saba/W
eb/MEDEXT

- 3. Phillipshttp://www.theonlinelearningcenter.com
- 4. Toshiba-

 http://medical.toshiba.com/education/cen

 ter/ct.php





Off site training to their customers through conferences or workshops



Often it is included in your purchasing contract





Staff have the opportunity to learn in a different environment which can also be a great morale booster



Learning through their experienced customers in the clinical setting







Online learning





Great tool for staff

Keep up with technology

4A PV

Surprising how many places to go online for radiology information and continuing education



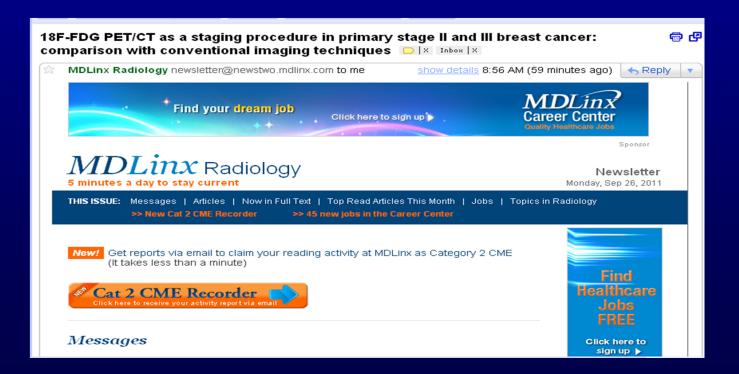
There are web sites-



Auntminnie.com



MDLinx.com





MDCT.net





xrayrisks.com

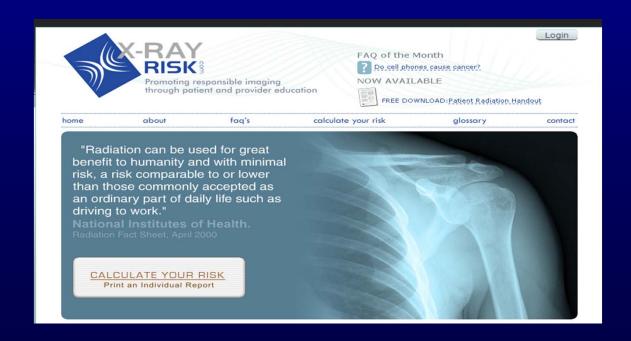
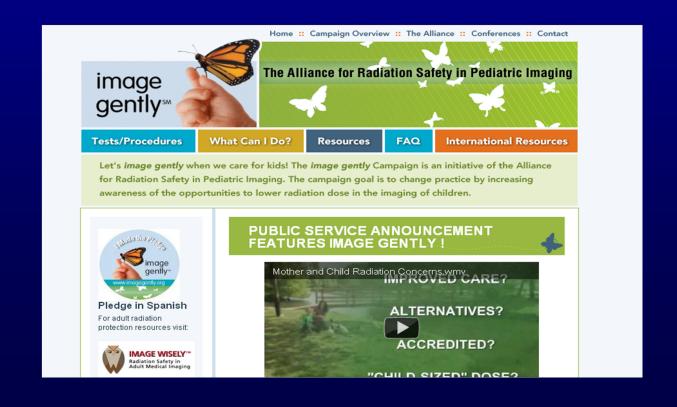




Image Gently



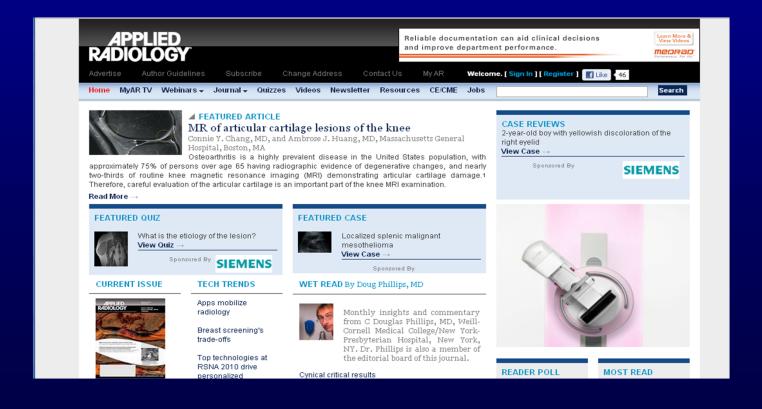




There are online journals-



Applied Radiology







ASRT-American Society of Radiologic Technologists



ARRT-American Registry of Radiologic Technologists

ACR-American College of Radiology

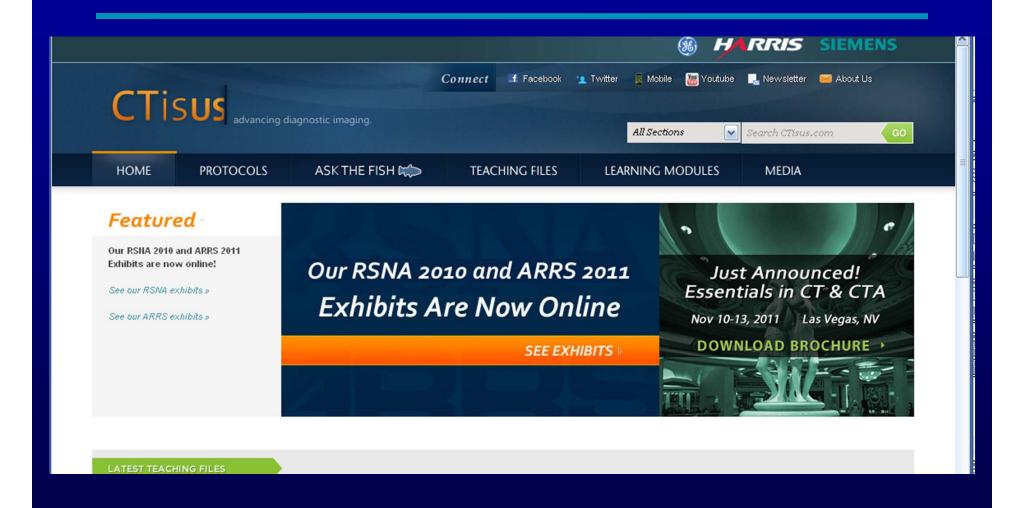




RSNA-Radiologic Society of North America

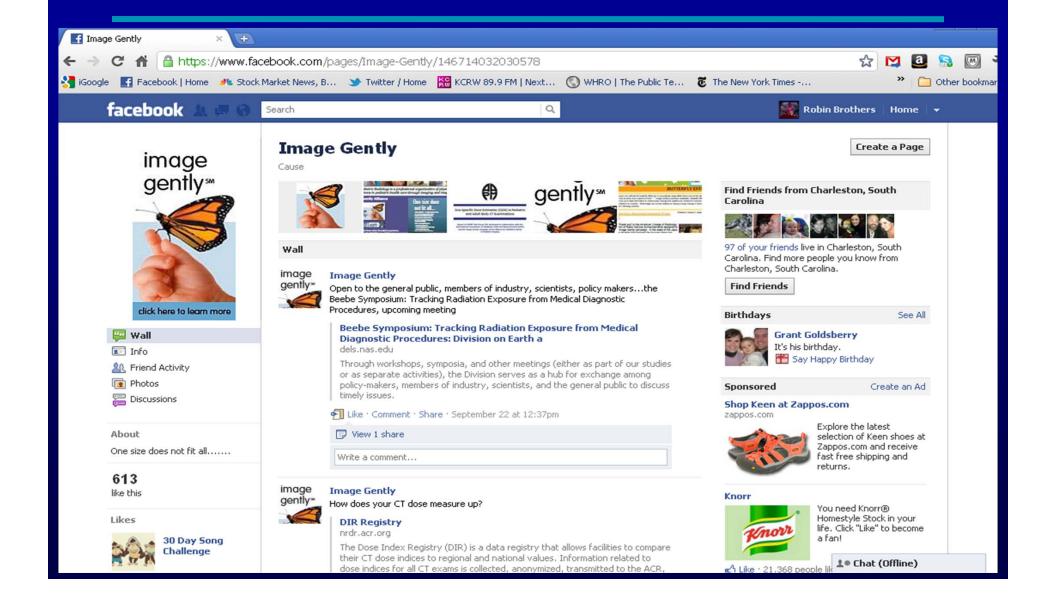
And many others!

Some Radiologists Offer Information





Facebook







Communications Book

method to share information

protocol changes

or helpful hints

Fun Fact of the Week



FUN FACT EXAMPLES

Runoffs must be < 40 secs!

Lowest dose you have used this week? How? Please share!

Remember our weight

Lowest cardiac pitch (retrospective) = 0.17. Highest cardiac pitch (flash) = 3.4.

Use Visipaque on ALL diabetic \forall scans

No Calcium limit-650lbs! Scoring on men <35 and women <40. There is little ♥ dz in this population!





RADIOLOGISTS and **TECHNOLOGISTS** should work together to provide excellent LOW dose imaging





Consult your radiologists on protocols and changes

Inviting a radiologist to your staff meetings

Great method to learn and develop relationships

Consult your Medical Physicist



Provides staff with lectures

Answers technical questions and talk to patients with questions

Makes radiation physics FUN



Scanning phantoms

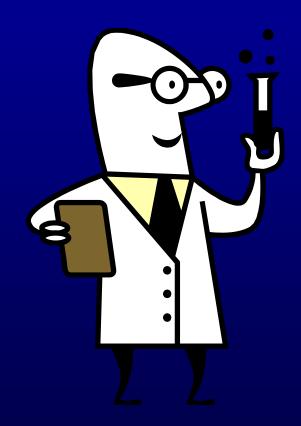
Better acquainted with your scanner



Can **never** know too much



Be proactive in your search for information. With ever changing technology, CT sometimes feels like a huge science experiment!





First CT scanner (EMI) in 1973







CT is ever evolving





It is your responsibility to keep up with the ever changing developments in our field

The fun
with dose
reduction
has just begun!
Hang On!



Questions???