Pediatric Radiologist
Subspecialist Consultation Process
Harborview Medical Center

Goal

Create a reliable mechanism for accessing timely pediatric radiology consultation for Harborview Medical Center (HMC) patients in situations of suspected child abuse OR in any case when the HMC attending radiologist desires a pediatric radiologist consultative opinion.

The Safe Child and Adolescent Network (SCAN) Team is a multidisciplinary team of faculty child abuse specialists who consult on cases of suspected nonaccidental trauma and abuse or both HMC and Seattle Children's Hospital (SCH). The Team is consulted 30-40 times per year at HMC. Not all cases involve medical imaging.

Process

• SCAN Team cases:

- If prospective knowledge of suspected non-accidental trauma or abuse, then:
    1) HMC attending radiologist will manually push images (current as well as any pertinent comparisons) to SCH. *[How-to instructions included within appendix below.]*
    2) HMC attending radiologist contacts SCH attending pediatric radiologist.
        - Working hours (usually 0800-2200):
            - 206-987-4670 (main diagnostic reading room, also rings in SCH ED Call reading room)
        - After hours: paging operator
            - 206-987-2000 have them page attending on call, if necessary
    3) SCH attending pediatric radiologist opens images within their Infinitt PACS by using a patient name/DOB search.
    4) HMC attending radiologist and SCH attending pediatric radiologist discuss case.
    5) HMC attending radiologist reports case. (SCAN Team requires attending final report prior to making patient disposition decisions.)
    6) HMC attending radiologist appends a comment at conclusion of their interpretation identifying the contributing SCH attending pediatric radiologist.
        - (PS360 macro "contribution" can be copied from Medverd's personal macros list for this purpose)

- If suspicion of non-accidental trauma or abuse is only learned retrospectively, after the time of initial medical imaging interpretation, then:
    1) SCAN Team contacts interpreting HMC attending radiologist
        - HMC Paging operator: 206-744-3000
    2) HMC attending radiologist will manually push images (current as well as any pertinent comparisons), with original report, to SCH. *[How-to instructions included within appendix below.]*

3) HMC attending radiologist contacts SCH attending pediatric radiologist
    - Working hours (usually 0800-2200):
        - 206-987-4670 (main diagnostic reading room, also rings in SCH ED Call reading room)
    - After hours: paging operator
        - 206-987-2000 have them page attending on call if necessary
4) SCH attending pediatric radiologist opens images within their Infinitt PACS by using a patient name/DOB search.
5) HMC attending radiologist and SCH attending pediatric radiologist discuss case
6) HMC attending radiologist addends their report to include identification of the contributing SCH attending pediatric radiologist.
    - (PS360 macro "contribution" can be copied from Medverd's personal macros list to assist for this purpose)

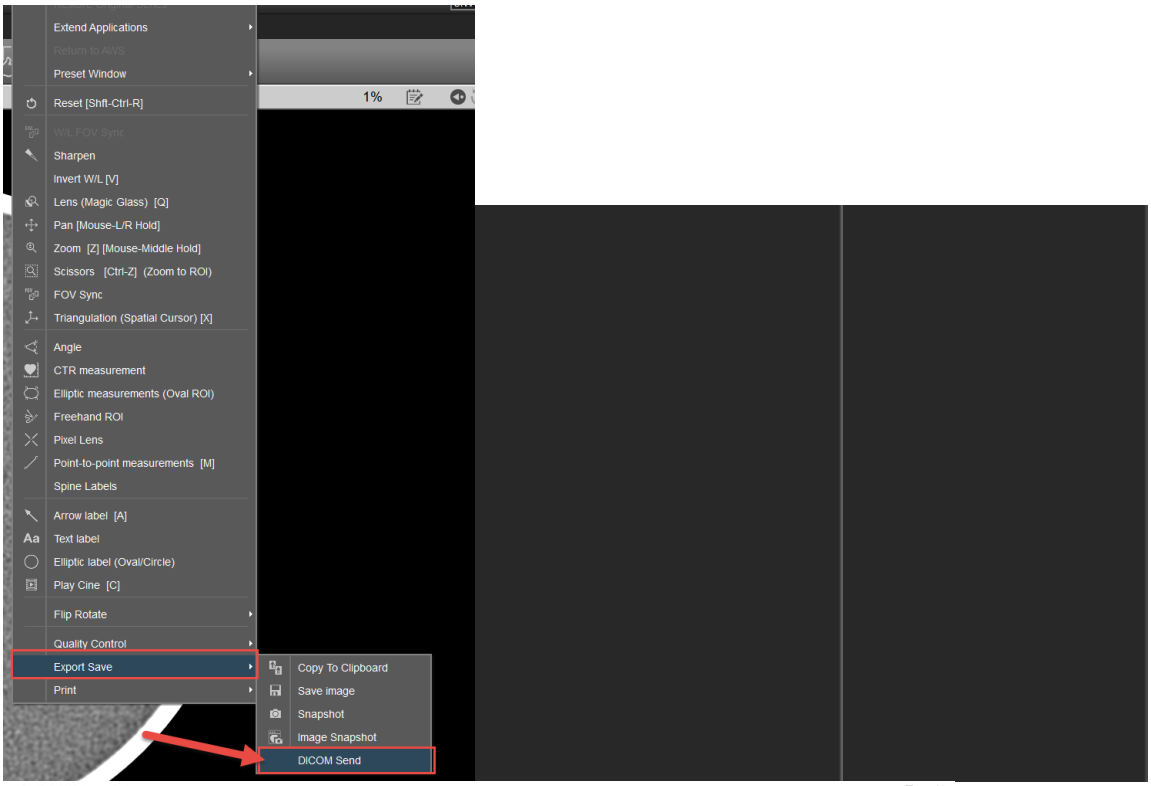
APPENDIX

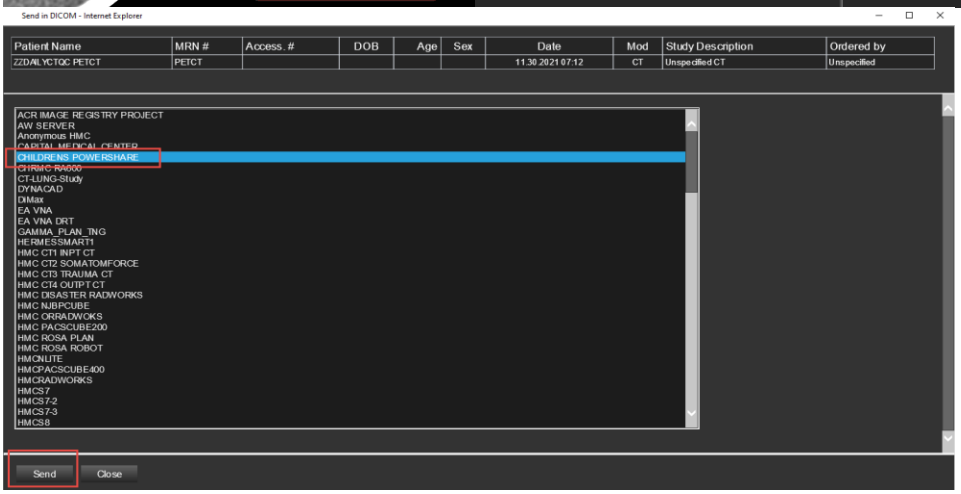
GE Universal Viewer: Sending Exams to Seattle Children's Hospital for Consultation

Arthur Gines, Nov 2021

Current IT capabilities require this send routine to be done on STAND ALONE Universal Viewer (UV). In the near future this capability will be built into the integrated UV application.

1. Open and log into STAND ALONE UV application.
2. Open exam you want to send to Seattle Children's Hospital in UV.
3. Right Click on any image. Hover over "Export Save" – left click "DICOM Send" within sub-menu.
4. You have 2 options for sending to Seattle Children's Hospital. Left click to highlight either:
   Option 1: CHILDREN POWERSHARE- This routes to our Powershare cloud then to Seattle Children's.
   Option 2: SEATTLE CHILDREN- This routes to Seattle Children's using our VPN tunnel.
5. Click on Send.


Extend Applications
Return to AWS
Preset Window
Reset [Shft-Ctrl-R]
W/L FOV Sync
Sharpen
Invert W/L [V]
Lens (Magic Glass) [Q]
Pan [Mouse-L/R Hold]
Zoom [Z] [Mouse-Middle Hold]
Scissors [Ctrl-Z] (Zoom to ROI)
FOV Sync
Triangulation (Spatial Cursor) [X]
Angle
CTR measurement
Elliptic measurements (Oval ROI)
Freehand ROI
Pixel Lens
Point-to-point measurements [M]
Spine Labels
Arrow label [A]
Text label
Elliptic label (Oval/Circle)
Play Cine [C]
Flip Rotate
Quality Control
Export Save
Print
Copy To Clipboard
Save image
Snapshot
Image Snapshot
DICOM Send
1%


Send in DICOM - Internet Explorer
Patient Name
MRN #
Access. #
DOB
Age
Sex
Date
Mod
Study Description
Ordered by
ZZDAILYCTQC PETCT
PETCT
11.30.2021 07:12
CT
Unspecified CT
Unspecified
ACR IMAGE REGISTRY PROJECT
AW SERVER
Anonymous HMC
CAPITAL MEDICAL CENTER
CHILDRENS POWERSHARE
CTRMC RA600
CT-LUNG-Study
DYNACAD
DiMax
EA VNA
EA VNA DRT
GAMMA_PLAN_TNG
HERMESSMART1
HMC CT1 INPT CT
HMC CT2 SOMATOMFORCE
HMC CT3 TRAUMA CT
HMC CT4 OUTP T CT
HMC DISASTER RADWORKS
HMC NJBPCUBE
HMC ORRADWOKS
HMC PACSCUBE200
HMC ROSA PLAN
HMC ROSA ROBOT
HMCNLITE
HMCPACSCUBE400
HMCRADWORKS
HMCS7
HMCS7-2
HMCS7-3
HMCS8
Send
Close

6. A pop up box of the progress will appear. You can do other work while this task is running. You can drag this box onto any screen so that it remains visible to you while you work.
7. You will receive a confirmation message that the transmission is completed.