

Qpath™

Qpath Tutorial

Department of Emergency Medicine

Baylor University Medical Center at Dallas

2018

Qpath overview

- Qpath clinical ultrasound functions:
 - Repository for saved images and video clips
 - Quality Assurance mechanism for user groups
 - Differentiates providers by credentialing status
 - QA feedback option with pdf email to provider
- Qpath is a product of Telexy Healthcare
 - Linked to Baylor's active directory, ie. user names
 - Additional functionality and interface potential after Epic EMR implementation

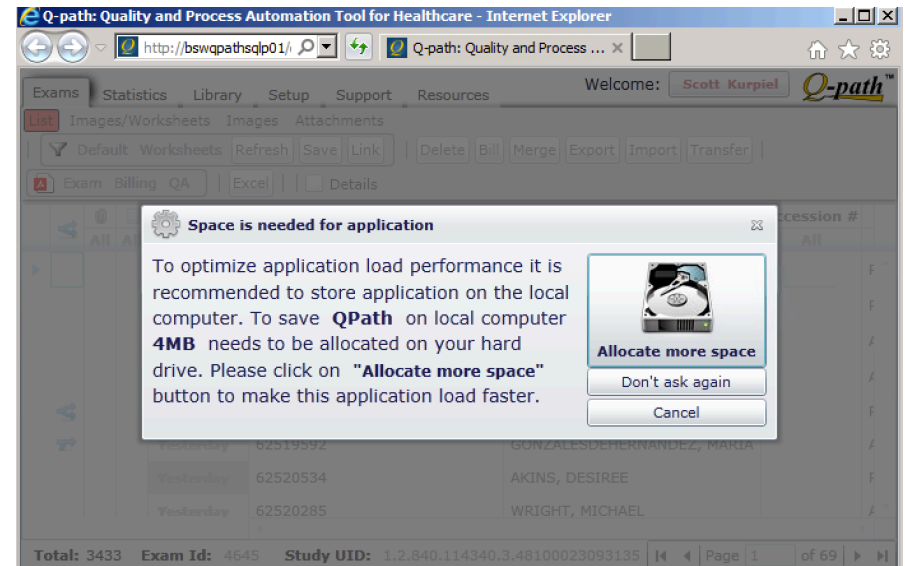
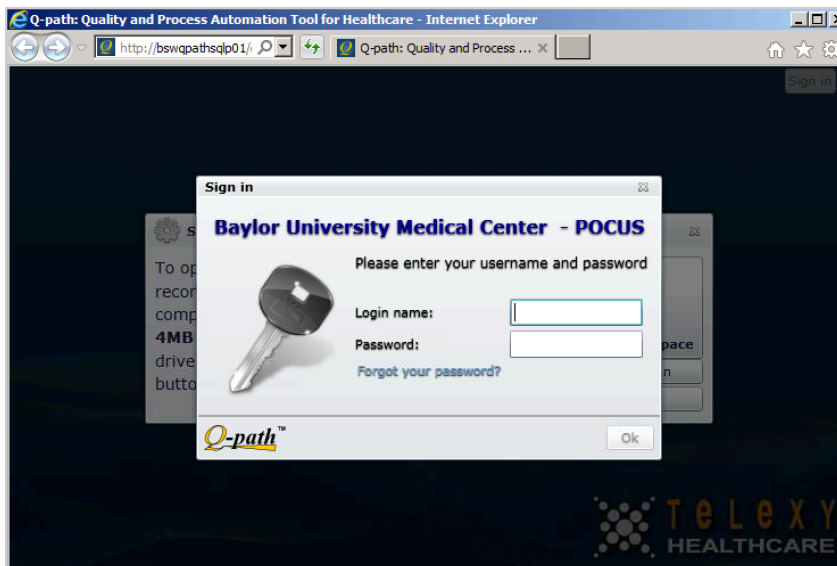
Opening Qpath

- Log in to or open Baylor Clinical Applications
 - <https://myapps.bswhealth.com/vpn/index.htm>
- Scroll down to select and open “Q-PATH”



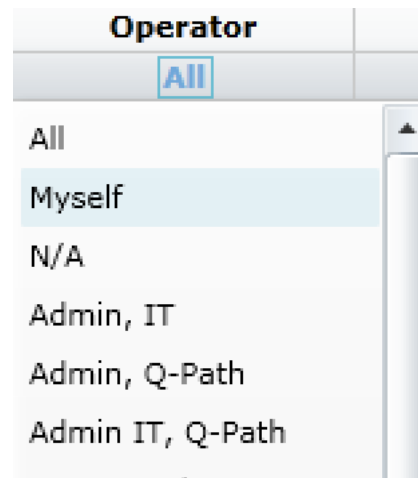
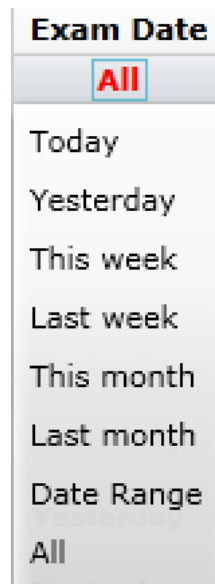
Qpath Login

- Use your Baylor user name and password
- Click “Cancel” on pop-up window






Drop down selections

- Exam Date
 - Selections include “All” or specific Date Range
- Operator and/or Attending
 - Can select “Myself”



Selecting Specific Study

- Click hyperlink for scan Date to open study

				Exam Date	Patient ID	Patient Name	Accession #	Exam Type
	All	All	All	All	test	All	All	All
▶				4/19/2018	TEST	TEST, TEST		POCUS_Proc_Central_Line

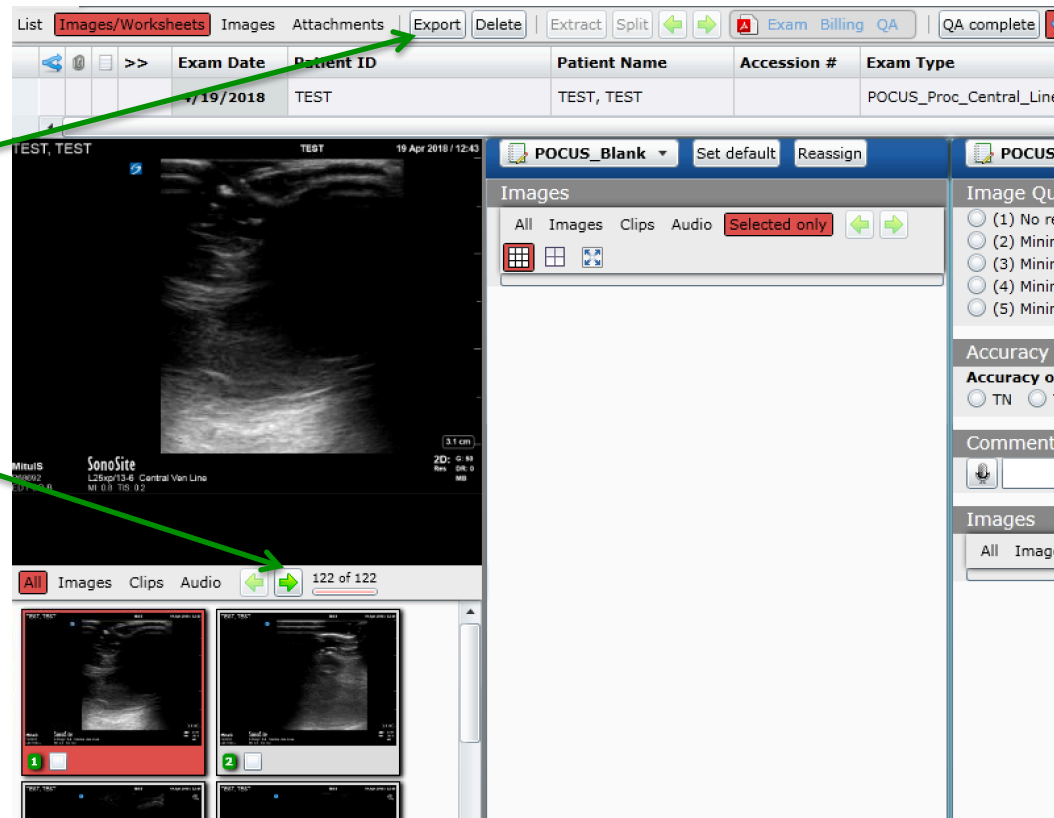


Navigating open study

- Toggle width of left column, making narrow enough to visualize all saved images/clips

Click Export to save redacted .jpg or .mp4

Click arrow to cycle through all saved images/clips



Navigating open study

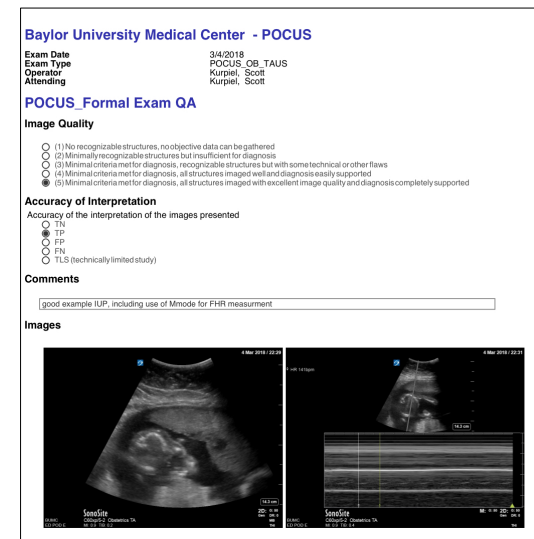
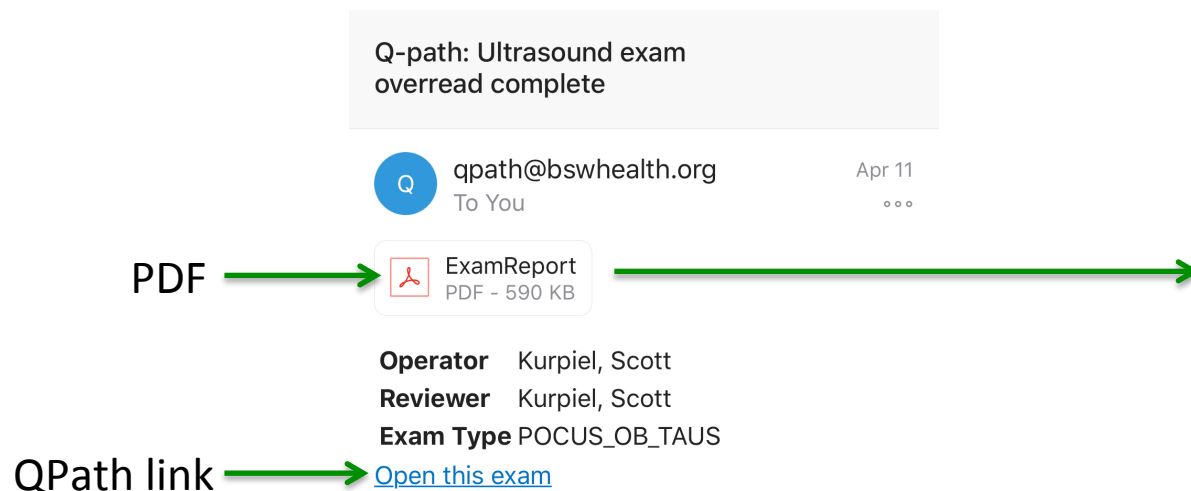
- Right column will have QA feedback data if available, or open PDF by clicking hyperlink

The screenshot displays a medical software interface. At the top, there is a navigation bar with tabs for 'List', 'Images/Worksheets', 'Images', 'Attachments', 'Export', 'Delete', 'Extract', 'Split', and 'QA complete'. Below this is a table with columns for 'Exam Date', 'Patient ID', 'Patient Name', 'Accession #', and 'Exam Type'. The first row shows '4/19/2018', 'TEST', 'TEST, TEST', and 'POCUS_Proc_Central_Line'. Below the table, there is a large ultrasound image of a vessel. To the right of the image, there is a 'QA PDF hyperlink' label with a green arrow pointing to a 'QA' button in the top navigation bar. Below the main image, there are two smaller thumbnail images labeled '1' and '2'. The interface also includes various toolbars and a sidebar on the right with options like 'Image Quality', 'Accuracy of', and 'Comments'.

QA PDF hyperlink

Emailed QA PDF

- PDF with pertinent QA feedback may be emailed to Baylor inbox as an attachment
- Email body contains Qpath specific study hyperlink
 - For link to work: must be on Baylor campus (behind firewall) or logged in to Qpath first



Emailed QA PDF

- PDF includes image quality, interpretation accuracy, comments and redacted selected images

Baylor University Medical Center - POCUS

Exam Date 3/4/2018
Exam Type POCUS_OB_TAUS
Operator Kurpiel, Scott
Attending Kurpiel, Scott

POCUS_Formal Exam QA

Image Quality

(1) No recognizable structures, no objective data can be gathered
 (2) Minimally recognizable structures but insufficient for diagnosis
 (3) Minimal criteria met for diagnosis, recognizable structures but with some technical or other flaws
 (4) Minimal criteria met for diagnosis, all structures imaged well and diagnosis easily supported
 (5) Minimal criteria met for diagnosis, all structures imaged with excellent image quality and diagnosis completely supported

Accuracy of Interpretation

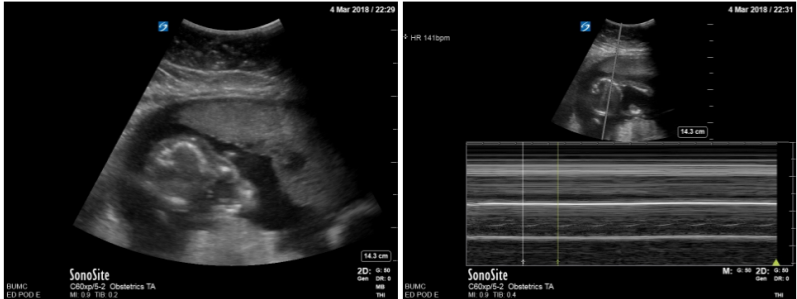
Accuracy of the interpretation of the images presented

TN
 TP
 FP
 FN
 TLS (technically limited study)

Comments

good example IUP, including use of Mmode for FHR measurement

Images



Comments, if provided,
with specific QA feedback

Questions

- Please contact the Director of Emergency Ultrasound with any questions or feedback:
Scott Kurpiel MD MBA
scott.kurpiel@bswhealth.org

Thank you

