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# PATHFINDER for Peer Learning

COMPREHENSIVE PLATFORM FOR COLLABORATIVE LEARNING AND CQI  
A CASE STUDY

Pt: ##yo ♀ 🏠  
MRN #####  
Modality MR  
Exam MRPELWOW

2023-05-08 09:48  
Thick margin of diffusion-restricting tissue at right vaginal fornix was non-malignant on biopsy

New comment...

No comments found

Rad Acc # ##### Performed at 2022-#####

1. Residual viable tumor around the rim of the thick-walled irregular dilatation of the right vaginal fornix.  
2. Vesicovaginal fistula via the tumor cavity at the right vaginal fornix.  
3. Nephroureteral stent seemingly passes through the tumor cavity. It is unclear if the distal ureter remains intact around the stent.  
4. Decreased size of pelvic lymph nodes. No definite new or progressing sites of tumor.

Incidental finding(s) with recommendation for non-urgent follow-up imaging: NO

Path Acc # ##### Performed at 2022-#####

A) - VAGINA, Vaginal Biopsy  
B) - URINARY BLADDER, Bladder Wall Biopsy

A. VAGINA (BIOPSY):  
- Squamous mucosa with acute and chronic inflammation, and necroinflammatory debris  
- No evidence of malignancy

B. URINARY BLADDER (BIOPSY):  
- Granulation tissue and morphologic changes consistent with chemoradiation therapy effect  
- No evidence of malignancy

Case Data

Type of Feedback	n/a	Great call	Learning opportunity
Type of Error	n/a	Perceptual	Interpretive
Patient Impact	n/a	No harm	Minor adverse event
	n/a		Major adverse event
Anatomy	Liver	Gallbladder	Pancreas
	Bladder	Gyn	Prostate

# Lifelong Learning

Peer Learning is an essential component of modern radiology practice. Radiologists hone their skills and continuously improve by following-up on their outcomes. It is useful to follow-up path results whether they prove you were right or wrong.

The entire PATHFINDER platform is built around this core philosophy - that we learn best from our own day-to-day practice. The routine follow-up of pathology outcomes – whether they come days, weeks, months, or years later – helps us discover our weaknesses and reinforce our strengths.

When we do find a learning opportunity, whether by reviewing a path outcome or reading a follow-up study, we can amplify the impact of it by sharing it with our colleagues in a collegial and safe way.

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## PATHFINDER Groups

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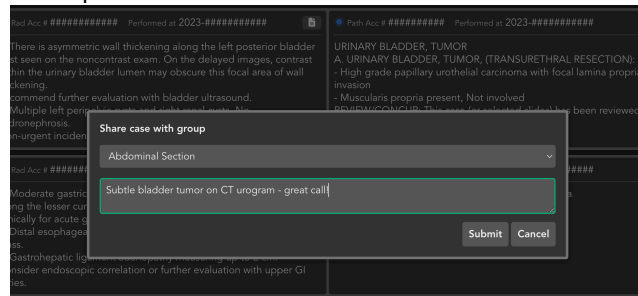
PATHFINDER facilitates Peer Learning through the **Groups** feature. Any user can create a group, which becomes a forum for collecting cases among a peer group. Group members can submit cases for discussion, review, and optionally, data collection.

Designating a Group for **Peer Learning** facilitates reporting participation metrics to comply with the ACR's Peer Learning Program Requirements.

When creating a group, the Group Manager(s) can define structured data to collect on each submitted case. Together with data that PATHFINDER is already aware of, like modality, study description, timestamps, and radiologist(s), Group Case data can support

Peer Learning as well as research projects and other quality initiatives. Any radiology task that requires the organized review of rad or path reports can be easily managed with **Groups**.

Users can manually submit cases at the click of a button. PATHFINDER also includes advanced Exam and Match filtering to automatically direct new Exams and Matches to relevant Groups.



Example groups from our current users:

- Abdominal Section Peer Learning**  
Collect, review, and discuss great calls and learning opportunities by members of the abdominal imaging section  
**Data Collected per Case:** type of feedback, type of error, patient impact, and relevant anatomy
- Lung Biopsy Quality Assurance**  
Collect cases from image-guided lung biopsies for operational quality improvement.  
**Data Collected per Case:** diagnostic vs inadequate sample, benign vs malignant, and complications.  
**Filters to Auto Populate Group Cases:**
  - “CT-guided lung biopsy radiology exams with no corresponding pathology matches within 14 days” – catch unsuccessful biopsy attempts
  - “Rad-path matches where the rad exam is a CT-guided lung biopsy and path results within 14 days” – catch successful biopsies