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Education and Training:

Undergraduate Education:

08/92 - 12/96 Bachelor of Medicine and Bachelor of Surgery (M.B.B.S)
Indira Gandhi Medical College & Mayo Hospital
Nagpur University, India

Postgraduate Education:

01/97 - 12/97 Clinical Internship
Indira Gandhi Medical College & Mayo Hospital
Nagpur, India

02/98 - 04/98 House Officer – Internal Medicine
Indira Gandhi Medical College & Mayo Hospital
Nagpur, India

01/99 - 01/00 Residency – Chest Medicine
08/01 - 01/02 *Indira Gandhi Medical College & Mayo Hospital*
Nagpur, India

02/02 - 01/05 Residency – Radiodiagnosis (Doctor of Medicine-M.D.)
King Edward Memorial Hospital
University of Mumbai, India

07/08- 06/10 Fellowship in Abdominal Imaging
University of Michigan Medical Health Systems, Ann Arbor, MI

2013 Medical Education Research Certification (MERC)
Department of Medical Education, University of Michigan Medical
School and Health Systems, Ann Arbor, MI

2014 - 2015 Medical Education Scholars Program (MESP)
Department of Medical Education, University of Michigan Medical
School and Health Systems, Ann Arbor, MI

2015 Academy of Radiology Leadership and Management
[sponsoring societies-AAARAD, SCARD, ARRS, RSNA, and
AUR]-Certification & Honor Roll

(Gap in clinical training: 05/1998-12/1998 and 09/2000-07/2001 - Preparation for
examinations)

Certification and Licensure:

Certificates:

2008 – Present	Educational Commission for Foreign Medical Graduates Certification
2008 – Present	Basic Life Support certification
2012 – Present	American Board of Radiology (Diagnostic Radiology) #64452

Licensure:

1998 – Present	Medical Practitioner License Medical Council of India
2005 – Present	Specialist Radiologist License Medical Council of India
2008 – Present	United States Medical License Exam (Step 1, 2, 3)
2008 – Present	Medical License, State of Michigan
2008 – Present	Controlled Substance License, State of Michigan
2008 – Present	DEA Registration

Academic, Administrative and Clinical Appointments:

Academic Appointments:

10/05 – 01/07	Clinical Lecturer Department of Radiology Grant Medical College & Sir J.J. Group of Hospitals Mumbai, India
07/08 – 06/10	Clinical Lecturer I Abdominal Division, Radiology University of Michigan Health System, Ann Arbor, MI
07/10 – 05/11	Clinical Lecturer II Abdominal Division, Radiology University of Michigan Health System, Ann Arbor, MI Veterans Affairs Ann Arbor Healthcare System Ann Arbor, MI

06/11 – 8/31/17 Assistant Professor of Radiology
University of Michigan Health System, Ann Arbor, MI

Veterans Affairs Ann Arbor Healthcare System
Ann Arbor, MI

09/17 – Present Associate Professor of Radiology
University of Michigan Health System, Ann Arbor, MI

Veterans Affairs Ann Arbor Healthcare System
Ann Arbor, MI

Administrative Appointments:

10/05 – 01/07 Coordinator, Residents Teaching Activities
Department of Radiology, Grant Medical College
Mumbai, India

07/13 – 07/2020 Director, Medical Student Education,
Division of Abdominal Imaging,
Michigan Medicine-University of Michigan, Ann Arbor, MI

03/14 – 10/2018 Medical Director, Radiology-Ambulatory Care Unit (Livonia)
Michigan Medicine-University of Michigan, Ann Arbor, MI

11/15 – 06/2019 Lead- Radiology
Interprofessional Clinical Experience (ICE)
University of Michigan Medical School
Ann Arbor, MI

06/17 – Present Chair, Medical Student Research Committee,
Department of Radiology
Michigan Medicine-University of Michigan, Ann Arbor, MI

03/20– Present Director, Ultrasound Division
Abdominal Imaging
Michigan Medicine-University of Michigan, Ann Arbor, MI

Clinical Appointments:

02/05 – 10/05 Consulting Radiologist
V.K. Neurocare & Trauma Research (Pvt) Centre
Hisar, India

10/05 – 01/07	Staff Radiologist – Radiology Grant Medical College & Sir J.J. Group of Hospitals Mumbai, India
01/07 – 08/07	Consulting Radiologist Rad365 solutions Pte Ltd. Singapore
10/07 – 06/08	Consulting Radiologist Midas Institute of Gastroenterology Nagpur, India
07/08 – Present	Staff Radiologist Abdominal Division, Radiology University of Michigan Health System, Ann Arbor, MI
07/10 – Present	Staff Radiologist Veterans Administration Ann Arbor Healthcare System Ann Arbor, MI

Research Interests:

1. Imaging in evaluation and stratification of ovarian and adnexal masses with emphasis on management guidelines
2. Imaging in mesenteric ischemia, Post-operative bowel imaging, Machine learning in inflammatory bowel disease.
3. Ultrasound in screening for hepatocellular carcinoma

US Patents:

1. US Patent No.10,918,326- Approved Feb/2021. Automated Assessment of Bowel Damage in Intestinal Diseases: Ryan W Stidham, Binu Enchakalody, Mahmoud Al-Hawary, **Ashish Wasnik**, Stewart C Wang.
(A computer-automated method is presented for segmenting image data for an organ of a subject, where the organ is a tubular structure. The method includes: receiving image data representing a volume of the subject, such that the image data includes the organ; generating a centerline through the organ; determining location of an outer wall of the tube within the image data, where the location of the inner wall is determined using the centerline; determining location of an outer wall of the tube within the image data, where the location of the outer wall is determined using the inner wall; and computing a measure of the organ from the image data.)

Grants/Academic Support:

- 09/2014 – 06/2015 Medical Education Scholars Program (University of Michigan Medical School)
Funded by Department of Radiology, University of Michigan Health Systems, Ann Arbor, MI
(Academic Support -10% FTE)
- 04/2020 – 04/2024 Alfapump ® system in the treatment of refractory or recurrent ascites: A multicenter single arm within subject crossover design pivotal study (The Poseidon study)
Co-Investigator with funded effort (PI: Elliot Tapper)
Funding: \$571,850 (\$144,837)
Funding: Sequana Medical NV (# 20-PAF01066)
- 07/2020 – 04/2024 Automated measurement of bowel damage using Enterography imaging to predict clinical outcomes in Crohn’s disease
Co-Investigator with funded effort (PI: Ryan Stidham)
Funding: \$2,098,635 (\$520,587)
Funding: R01 DK124779-04; NIH-DHHS-US- 19-PAF07459

Honors and Awards:

(** Denotes mentored trainee presenter)

- 2010 **Best Educational Poster -Society of UroRadiology (SUR)**
Recent imaging and interpretation advances in diagnostic workup of ovarian cystic lesions
- 2010 **Certificate of Merit – American Roentgen Ray Society**
Fat containing renal cell carcinoma: spectrum of imaging findings and differentiation from fat containing benign renal lesions
- 2010 **Certificate of Merit - Radiological Society of North America**
Fast kV switch dual energy CT of abdomen: Genitourinary applications
- 2011 **Certificate of Merit - American Roentgen Ray Society**
Scrotal pearls and pitfalls: ultrasound findings of benign testicular and extratesticular lesions
- 2011 **Certificate of Merit - American Roentgen Ray Society**
Perianal fistula evaluation on high resolution 3T MRI: What the radiologists need to know about the normal anatomy and classification of fistulas for therapy planning.
- 2011 **Certificate of Merit - Radiological Society of North America**
Hypervascular pancreatic lesions: Good, Bad, and Ugly: A pattern approach to differential diagnosis

- 2011 **Cum Laude and Excellence in Design- Radiological Society of North America**
Effects of therapeutic radiation in the abdomen and pelvis.
- 2012 **Certificate of Merit- Radiological Society of North America**
Achieving significant radiation dose reduction for abdomen CT while maintaining diagnostic image quality: How to orchestrate the symphony of multiple variables to get the right note
- 2012 **Certificate of Merit - Radiological Society of North America**
MDCT findings in small bowel obstruction: Implications of the cause and presence of complications on treatment decisions
- 2013 **Fellow - Society of Abdominal Radiology (FSAR)**
(Fellowship conferred by the Board of Directors of SAR as recognition to professional, academic accomplishments and contribution to the society)
- 2013 **Cum Laude - Radiological Society of North America**
Review of anatomy and imaging based approach to primary and secondary diseases of the peritoneum and mesentery
- 2013 **Lauterbur Award – Society of Computed Body Tomography and MR**
Repeatability of major diagnostic features and scoring systems for hepatocellular carcinoma using dynamic contrast-enhanced MRI
- 2014 **Cum Laude - Radiological Society of North America**
Subtypes, imaging, and morphology in ovarian carcinoma: Radiologic-pathologic correlation
- 2015 **Best Educational Poster (GU) - Society of Abdominal Radiology**
Imaging in presacral masses- A primer for radiologist
- 2015 **Certificate of Merit - Radiological Society of North America**
LI-RADS - Ultrasound recommendations for sonographic screening and surveillance of hepatocellular carcinoma: Initial proposal
- 2016 **Poster Merit Award (Top 5%) - Society of Abdominal Radiology**
Imaging post-operative bowel- what you need to know!
- 2016 **Cum Laude Award (Top 3%) - Society of Abdominal Radiology**
*The ever-changing landscape of medical devices found in the abdomen and pelvis: What the radiologist can tell the clinician. (Everett Gu**)*
- 2016 **Bronze Award - American Roentgen Ray Society**
LI-RADS - Ultrasound recommendations for sonographic screening & surveillance of hepatocellular carcinoma

- 2016 **Certificate of Merit - American Roentgen Ray Society**
*A multidisciplinary approach to esophageal cancer (Z Bhatti**)*
- 2016 **Commendation for Excellence in Medical Student Teaching**
(Department of Radiology, University of Michigan Health Systems)
- 2017 **Poster Merit Award - Society of Abdominal Radiology**
*Rediscovering the Retroperitoneum- Masses & More (M Sakala**)*
- 2017 **Poster Merit Award - Society of Abdominal Radiology**
Hypervascular Pancreatic “Lesions” – A Pattern-based Approach to Differentiation
- 2017 **Certificate of Merit - American Roentgen Ray Society**
*The many faces of Endometriosis (M Sakala**)*
- 2017 **Commendation for Excellence in Medical Student Teaching**
(Department of Radiology, University of Michigan Health Systems)
- 2017 **Distinguished Reviewer- Journal Abdominal Radiology**
- 2018 **Poster Merit Award (Top 5%) - Society of Abdominal Radiology**
*Understanding Tumor Response Criteria - RECIST 1.1, irRC and irRECIST: Radiologists and Oncologists Perspective (Lalchandani UR**)*
- 2018 **Certificate of Merit- American Roentgen Ray Society**
ACR Ultrasound LI-RADS 2017 – Overview and Implementation into Clinical Practice
- 2018 **Cum Laude - Radiological Society of North America**
Spectrum of Smooth Muscle Tumors in the Female Pelvis: Radiology-Pathology Correlation
- 2018 **Citation - RadioGraphics Peer Review Mentor (6 selected experienced Reviewers for 2018)**
- 2019 **Citation – Academic Radiology, Reviewer with Distinction**
- 2019 **Magna Cum Laude Award - Power Science (Society of Abdominal Radiology) ACR US LI-RADS: Multicenter Assessment of Clinical Performance at One Year (Millet J**).**
- 2019 **Magna Cum Laude Poster Award - Society of Abdominal Radiology**
*Role of Imaging in Staging and Response Assessment of High Grade Serous Ovarian Carcinoma. (Roseland M **)*
- 2019 **Commendation for Excellence in Medical Student Teaching**
Department of Radiology, University of Michigan Medical School

- 2019 **Magna Cum Laude Award - Society of Computed Body Tomography and MR**
*Intraductal Papillary Neoplasm of the Bile Duct: Radiology-Pathology correlation (O'Connor J **)*
- 2019 **Certificate of Merit- Radiological Society of North America**
A Guide to Imaging in Pancreas and Kidney Transplants
- 2020 **Magna Cum Laude Award - Society of Abdominal Radiology**
Pancreas and Renal Transplant: Primer for the Radiologist
- 2020 **Commendation for Excellence in Medical Student Teaching**
Department of Radiology, University of Michigan Medical School
- 2020 **Best Paper in New Frontiers of Science Award- Society of Abdominal Radiology**
Comparative effectiveness of tumor response assessment methods: standard-of-care versus computer-assisted response evaluation. (Multi-Institutional study lead by Andrew Smith, MD and Brian Allen, MD)
- 2020 **Citation – Academic Radiology, Reviewer with Distinction**
- 2020 **Certificate of Merit- Radiological Society of North America**
*Biliary Strictures: Pre- and Post- Biliary Drain Placement Imaging Considerations (Shnayder M**)*

Other Awards:

- 11/30/12 “Making a difference” award
(Department of Radiology, University of Michigan Health System)
This monthly award is by nominations from the patients or staff at the University of Michigan Health Systems acknowledging outstanding commitment to the patient care.
- 03/06/14 “Making a difference” award
- 07/22/14 “Making a difference” award
- 07/10/15 “Making a difference” award
- 05/10/20 “Making a difference” award

Memberships in Professional Societies:

- 1999 – Present National Association of Reproductive and Child Health in India (NARCHI) - life member
- 2006 – Present Radiological Society of North America (RSNA)
- 2007 – Present European Society of Radiology (ESR)

2008 – 2010	American Society of Emergency Radiology (ASER)
2008 – 2010	Society of Computed Body Tomography & MR (SCBTMR)
2008 – 2016, 2020	American Roentgen Ray Society (ARRS)
2008 – Present	American College of Radiology (ACR)/ Michigan Radiological Society
2008 – Present	Society of Radiologists in Ultrasound (SRU)
2012 – Present	Society of Abdominal Radiology (SAR)- Previously Society of Gastrointestinal Radiologists (SGR)
2013 – 2015	European Society of Gastrointestinal & Abdominal Radiology (ESGAR)
2015 – Present	Association of University Radiologist (AUR)

Teaching/Educational Activities:

Medical Student Lectures:

2011	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>3 lectures</u> (Feb, Mar, May- 90 mins)
2012	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>1 lecture</u> (June- 90 mins)
2013	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>1 lecture</u> (May- 90 mins)
2014	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>2 lectures</u> (Feb, Aug - 90 mins)
2015	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>3 lectures</u> (Feb, Mar, Aug - 90 mins)
2015	M4 “Anatomy meets Radiology” - <u>2 lectures</u> (April - 90 mins)
2016	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>2 lectures</u> (Feb, Mar - 90 mins)
2016	M4 “Anatomy meets Radiology” - <u>1 lecture</u> (April - 90 mins)
2016	M1 “Multidisciplinary approach in IBD”- (Sept- 120 mins)
2017	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>3 lectures</u> (Feb, March, April - 90 mins each)
2017	M1 “Multidisciplinary approach in IBD”- (Sept- 120 mins)
2018	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>1 lectures</u> (Feb, Sept- 90 mins)
2019	M4 Clinical Radiology clerkship - Abdominal Radiology. <u>1 lecture</u> (Feb - 90 mins)

Workshops:

10/2014	Medical student workshop in radiology - <i>Ultrasonography: technique and clinical applications- a promising modality in the era of radiation safety.</i> Wasnik AP (Course Director) , Klein K, Udager KG, Childress J. (#8, M2 students) <u>3 Sessions (2 hours each):</u> 10/16, 10/21, 10/24
10/2014	Medical student workshop in radiology – <i>Ultrasound Guided Paracentesis. Wet Lab.</i> Klein K, Wasnik AP , Higgins E. (#14, M2 students) <u>3 Sessions (2 hours each):</u> 10/16, 10/21, 10/24

10/2015 Medical student workshop in radiology - *Ultrasonography: technique and clinical applications- a promising modality in the era of radiation safety*. **Wasnik AP (Course Director)**, Ryan M, Childress J. (#10, M2 students)

3 Sessions (2 hours each): 10/14, 10/21, 10/23

Radiology Resident Teaching:

2008 – Present Case based teaching during reading room staffing
(GI fluoroscopy, Radiographs, ultrasound, CT and MRI)
UMHS and VA Hospital

Resident Noon Teaching Conferences: (45-90 mins each session)

2010 Abdominal Radiology, 3 lectures (Oct, Nov)
2011 Abdominal Radiology, 3 lectures (Feb, Mar, and May)
2012 Abdominal Radiology, 5 lectures (Feb, Apr, June, Sep, and Oct)
2013 Abdominal Radiology, 5 lectures (May, Jun, Aug, Nov, and Dec)
2014 Abdominal Radiology, 3 lectures (Apr, Sep, and Dec)
2015 Abdominal Radiology, 6 lectures (Mar, Apr, May, June, and Sep)
2016 Abdominal Radiology, 3 lectures (Feb, Apr, and May)
2017 Abdominal Radiology, 4 Lectures (Mar, May)
2019 Abdominal Radiology, 2 Lectures (Jan, May)
2020 Abdominal Radiology, 3 Lectures (Jan, Feb, Aug)
2021 Abdominal Radiology, 2 Lectures (Jan, Mar)

ABR Exam Board review sessions for the residents (45-90 min/session):

2013- present: Each year 2-3 sessions

First Year Residents – Introduction to Ultrasound: (60 min sessions)

2011 – 2020 July each academic year

First Year Resident – Hands-on Ultrasound Workshops: (90 min sessions)

02/2015, 08/2015, 09/2016, 09/2017, 09/2018

Second Year Resident – Hands-on Ultrasound Workshops: (90 min sessions)

08/2015, 09/2016

First Year Residents Pre-1700 Call GI Radiology Lecture: (90 min sessions)

01/15/13, 12/02/13, 01/18/15, 2/12/2016, 2/7/17, 1/25/2018, 1/31/2019

Examiner Pre-1700 resident call test:

3/22/2016, 3/29/2016, 3/23/2018, 2/6/2019

Radiology Fellows Teaching/Lectures: (60 minute sessions)

2010 – 2011: 2 conferences (Oct, Feb)
2011 – 2012: 2 conferences (Nov, Feb)
2012 – 2013: 2 conferences (Apr, Jun)
2013 – 2014: 3 conferences (Oct, Mar)
2014 – 2015: 2 conferences (Mar)
2015 – 2016: 2 conferences (Oct, Apr)
2016 - 2017: 2 conferences (Oct, Apr)
2017 - 2018: 2 Conferences (Oct, Apr)
2018 - 2019: 2 conferences (Jan, May)
2019 - 2020: 2 conferences (Oct, Mar)
2020 - 2021: 2 conferences (Jan, Apr)

Foreign Medical Graduates (Fellow/Faculty-ABR Board review sessions): (90 min each)

2010: 2 sessions
2011: 3 sessions
2012: 2 sessions
2013: 4 sessions
2015: 1 session
2016: 2 sessions
2017: 3 sessions

Abdominal Radiology Department Morning Interesting Case Conference

(AMA 1.0 CME credit. Attended by faculties, fellows, residents, medical students – 60 min)

2008 – 2009 - CT conference (08/2008, 11/2008, 05/2009)
 - US conference (10/2008, 02/2009, 06/2009)
 - MRI conference (02/2009, 05/2009)
2009 – 2010 - CT conference (07/2009, 09/2009, 02/2010)
 - US conference (08/2009, 11/2009, 03/2010)
 - MRI conference (02/2010, 04/2010)

Multidisciplinary Weekly Tumor Board and Destination program: (AMA 1.0 CME credit)

1. Multidisciplinary Gastrointestinal/Colorectal Tumor Board (2011- Present):18-20 per year Lead Radiologist
2. Multidisciplinary Endocrine Tumor Board (2010 – 2012, 2018-19) : 2-5 per year
3. Multidisciplinary Aorta Destination Program (2010 – 2011): 2 per year
4. Multidisciplinary Lymphoma Tumor board (2010 – 2011): 4 per year

Mentoring:

Residents and Fellows:

2010 – 2011

(Educational exhibit Presentation)

1. Udager KG, **Wasnik A**, Kaza RK, Al-Hawary MM, Maturen KE, Cohan R: Post bariatric surgery upper GI examination: a radiological perspective on normal postoperative appearances and complications. Annual Assembly of European Society of Gastrointestinal and Abdominal Radiologist (ESGAR), Vienna, Italy- 2011
2. Udager KG, **Wasnik A**, Kaza RK, Al-Hawary MM, Azar S, Francis IR: Incidental splenic lesions: A diagnostic challenge. Multimodality imaging findings with pathologic correlation. Annual Assembly of European Society of Gastrointestinal and Abdominal Radiologist (ESGAR), Vienna, Italy-2011
3. Washburn Z, Maturen KE, **Wasnik A**. Occam's razor: Top diagnoses presenting with pancreatic and renal involvement (CME credit). ARRS, Chicago, USA- 2011
4. O'Malley R, Al-Hawary MM, Liu PS, **Wasnik A**, Kaza RK, Hussain H. Perianal fistula evaluation on high resolution 3T MRI: What the radiologists need to know about the normal anatomy and classification of fistulas for therapy planning (CME credit). ARRS, Chicago, USA- 2011 – (*Awarded Certificate of Merit*)
5. Shah S, **Wasnik A**, Pandya A, Maturen KE, Rubin JM: Scrotal pearls and pitfalls: Ultrasound findings of benign testicular and extra testicular lesions (CME credit). ARRS, Chicago, USA- 2011. (*Awarded Certificate of Merit*)

2011 – 2012

(Peer reviewed publication)

1. Shah S, **Wasnik A**, Pandya A, Bude RO: Multimodality imaging findings in image guided biopsy proven splenic littoral cell angioma - Series of 3 cases. Abdominal Imaging. Dec 36 (6): 735-8, 2011
2. O'Malley R, Al-Hawary MM, Kaza RK, **Wasnik AP**, Liu PS, Hussain H: Rectal Imaging: Part 2, Perianal fistula evaluation on Pelvic MRI: What the radiologists need to know. American Journal of Roentgen (AJR) 199: W43-W53 July 2012

(Educational Exhibit Presentation)

3. Udager K, **Wasnik AP**, Kaza RK, Al-Hawary MM, Azar S, Francis IR: Multimodality imaging findings of splenic lesions and the role of image-guided intervention. RSNA, Chicago, USA
4. Udager K, **Wasnik AP**, Kaza RK, Al-Hawary MM, Maturen KE, Cohan R: Bariatric surgery: What a radiologist needs to know (CME credit). RSNA, Chicago, USA
5. Wang P, Agarwal P, **Wasnik AP**, Saab B, Srinivasan A: Blinkers are stinkers: Have a look at all corners of the image. RSNA, Chicago, USA

2012 – 2013

(Peer Reviewed publication)

1. Udager KG, **Wasnik AP**, Kaza RK, Al-Hawary MM, Maturen KE, Cohan RH: A guide to Imaging in Bariatric surgery. *Emergency Radiology*. 29(3): 309-319. 2013

2013 – 2014

(Peer Reviewed publication)

1. Brandel D, Al-Hawary MM, **Wasnik AP**. Retroperitoneal Lobular Capillary Hemangioma with Synchronous Ipsilateral Renal Cell Carcinoma. *Abdominal Imaging*. Oct; 39(5):1137-40. 2014
2. Itani M, **Wasnik AP**, Platt JF. Radiologic-Pathologic correlation in extra-adrenal myelolipoma. *Abdominal Imaging*. 39(2):394-7. 2014
3. Udager KG, **Wasnik AP**, Kaza RK, Maturen KE, Al-Hawary MM, Udager A, Azar S, Francis IR. Multimodality imaging of splenic lesions and role of non-vascular, image-guided intervention. *Abdominal Imaging*. 39(3):570-587. 2014

2015 – 2016

(Peer Reviewed publication)

1. Bhatti Z, Andersen M, **Wasnik AP**. Complete gastric duplication in an adult with associated anomalies. *Clinical Imaging* 40(2):244-246. 2016
2. Masch W, Kamaya A, **Wasnik AP**, Maturen KE. Ovarian cancer mimics: How to avoid being fooled by extraovarian pelvic masses. *Abdominal Radiology*. 41(4):783-793. 2016
3. Patel N, Maturen KE, Kaza RK, Girish G, Al-Hawary MM, **Wasnik AP**. Imaging of Presacral Masses- A multidisciplinary approach. *British Journal of Radiology* 2016 Feb 22-20150698

(Educational/Scientific Presentation)

4. Prakash SG, Kamaya A, Sun M, Maturen KE, Dahiya N, Desser T, **Wasnik AP**, Morgan T, Brooke J, Kono Y, Santillan C, Sirlin C. LI-RADS - Ultrasound recommendations for sonographic screening & surveillance of hepatocellular carcinoma (HCC): Initial proposal *Society of Radiologist in Ultrasound Meeting, Chicago, USA*
5. Patel N, **Wasnik AP**, Maturen KE, Scott Regenbogen, Kaza RK, Morris A, Al-Hawary MM. Post-operative Bowel: Part I, Foregut (Esophagus to Jejunum) - A Guide for the Radiologist (**CME credit**) RSNA, Chicago, USA
6. Prakash SG, Kamaya A, Sun M, Maturen KE, Dahiya N, Desser T, **Wasnik AP**, Morgan T, Brooke J, Kono Y, Santillan C, Sirlin C. LI-RADS - Ultrasound Recommendations for Sonographic Screening and Surveillance of Hepatocellular Carcinoma: Initial Proposal- RSNA, Chicago, USA
7. Savage J, Maturen KE, Kamaya A, Mowers E, Pasque K, Sciallis A, **Wasnik AP**, Dalton V, Bell L. Sonography of First Trimester Molar Pregnancy: Not Just a Bunch of Grapes. RSNA, Chicago, USA

8. Carter MJ, **Wasnik AP**, Davenport MS, Al-Hawary MM. Radiologic-pathologic Correlation of Small Bowel Masses: What Clinicians Want to Know! (*CME credit*) RSNA, Chicago, USA
9. Savage J, Maturen KE, Mowers E, Pasque K, **Wasnik AP**, Dalton V, Sciallis A, Bell L. Variable sonographic features and imaging under-diagnosis of partial molar pregnancy (Scientific presentation) RSNA, Chicago, USA
10. Blaty AD, Maturen KE, **Wasnik AP**, Sadowski E. Diagnostic Performance of Society of Radiologists in Ultrasound (SRU) Guidelines in Directing Management of Adnexal Cysts. *Society of Abdominal Radiology Meeting 2016, Hawaii*
11. Gu E, **Wasnik AP**, Kaza RK, Al-Hawary MM. The Ever-Changing Landscape of Medical Devices Found in the Abdomen and Pelvis: What the Radiologist Can Tell the Clinician. *Society of Abdominal Radiology Meeting 2016, Hawaii. (Awarded Cum Laude)*
12. Prakash SG, Kamaya A, Sun M, Maturen KE, Dahiya N, Desser T, **Wasnik AP**, Morgan T, Brooke J, Kono Y, Santillan C, Sirlin C. LI-RADS - Ultrasound recommendations for sonographic screening & surveillance of hepatocellular carcinoma (HCC): Initial proposal" (CID: 2347144) *Society of Abdominal Radiology Meeting 2016, Hawaii*
13. Miller D, Gu E, Pandya A, **Wasnik AP**. Benign Uterine Pathologies: How confident are we? ARRS, LA, USA-2016
14. Bhatti Z, Vummidi D, Reddy R, Hayman J, **Wasnik AP**. A Multidisciplinary Approach to Esophageal Cancer. ARRS, LA, USA-2016 (*Awarded Certificate of Merit*)
15. Gu E, **Wasnik AP**, Kaza RK, Al-Hawary MM. Gamut of Calcifications in the Abdomen and Pelvis ARRS, LA, USA-2016
16. Prakash SG, Kamaya A, Sun M, Maturen KE, Dahiya N, Desser T, **Wasnik AP**, Morgan T, Brooke J, Kono Y, Santillan C, Sirlin C. LI-RADS - Ultrasound recommendations for sonographic screening & surveillance of hepatocellular carcinoma (HCC): Initial proposal" *ARRS, LA, USA-2016 (Received Bronze Award)*

2016 – 17

(Peer reviewed publications)

1. Savage JL, Maturen KE, Mowers EL, Pasque KB, **Wasnik AP**, Dalton VK, Bell JD. Sonographic diagnosis of partial versus complete molar pregnancy: A reappraisal. *J Clin Ultrasound*. 2017 Feb;45(2):72-78 [PMID: 27696434]
2. Patel NA, Maturen KE, Regenbogen SE, Kaza RK, Al-Hawary MM, **Wasnik AP** (corresponding author). Gastroduodenal and pancreatic surgeries: Indications, surgical techniques and imaging features. *Abdom Radiol (NY)*. 2017 Aug;42(8):2054-2068. [PMID: 28493073]

(Educational/Scientific Presentation)

1. Sakala M, **Wasnik AP**, Bryant B, Maturen KE. The many faces of endometriosis: MR Imaging spectrum from benign to neoplastic. ARRS May 2017 (*Awarded Certificate of Merit*)

2. Sakala M, Maturen KE, Shankar P, **Wasnik AP**. Rediscovering the Retroperitoneum: Masses and More. ARRS May 2017
3. Maddox EB, Sadowski EA, Patel-Lippman K, **Wasnik AP**, Paroder V et. al. Ultrasound of indeterminate adnexal cysts: Incidence of ovarian cancer. (Scientific Abstract CID: 2622301). *Society of Abdominal Radiology Meeting, Hollywood, FL Mar 2017*
4. Sakala M, **Wasnik AP**, Bryant B, Maturen KE. The many faces of endometriosis: MR Imaging spectrum from benign to neoplastic. *Society of Abdominal Radiology Meeting, Hollywood, FL Mar 2017*
5. Sakala M, Maturen KE, Shankar P, **Wasnik AP**. Rediscovering the Retroperitoneum: Masses and More. *Society of Abdominal Radiology Meeting, Hollywood, FL Mar 2017 (Received Merit Award)*

2017 – 18

(Peer reviewed publications)

1. Dashevsky B, Bercu ZL, Bhosale PR, Burton KR, Chatterjee AR, Frigini AL, Heacock L, Herskovits E, Lee JT, Subhas N, **Wasnik AP**, Gyftopoulos S. Multi-Center Research Studies in Radiology. *Acad Radiol.* 2018 Jan;25(1):18-25 [PMID: 28927579]

(Educational/Scientific Presentation)

1. Millet JD, Parikh K, Shankar PR, Chong S, **Wasnik AP**. Rare and Atypical Abdominopelvic Hernias: What the Clinician Needs to Know. ASER 2017
2. Lalchandani UR, Sahai V, Hersberger K, Francis IR, **Wasnik AP**. Understanding Tumor Response Criteria - RECIST 1.1, irRC and irRECIST: Radiologists and Oncologists Perspective. RSNA 2017
3. Zhang M, **Wasnik AP**, Masch W, Rubin JM, Carlos RC, Maturen KE. Transvaginal Ultrasound (TVUS) Shear Wave Elastography (SWE) for the Evaluation of Benign Uterine Pathologies. RSNA 2017
4. Millet JD, Parikh K, Shankar PR, Chong S, **Wasnik AP**. Hernias Made Easy: The Trainee's Guide to Diagnosing and Differentiating Abdominopelvic Hernias. AUR 2018
5. Zhang M, Mishal M, Maturen KE, **Wasnik AP**, Assad H, Rubin JM. Quantitative Assessment of Liver Stiffness in Patients with Chronic Graft-versus-host-disease (cGVHD) Following Allogeneic Hematopoietic Stem Cell Transplantation (HSCT) Using Ultrasound Shear Wave Elastography: A Pilot Study. AIUM 2018
6. Lalchandani UR, Sahai V, Hersberger K, Francis IR, **Wasnik AP**. Understanding Tumor Response Criteria - RECIST 1.1, irRC and irRECIST: Radiologists and Oncologists Perspective. SAR 2018 *(Received Merit Award)*
7. Gu E, Al-Hawary MM, Kaza RK, Maturen KE, **Wasnik AP**. "Gamut of Calcifications in the Abdomen and Pelvis: An Imaging Atlas for the Radiologist" (Abstract CID: 2832092). SAR 2018

2018 – 19

(Peer reviewed publications)

1. Lalchandani UR, Weadock W, Brady G, **Wasnik AP**. Imaging in Gastric Anisakiasis. *Clin Imaging*. 2018 May 1;50: 286-288 [PMID: 29738996]
2. Zhang M, **Wasnik AP**, Masch W, Rubin JM, Carlos RC, Maturen KE. Transvaginal Ultrasound (TVUS) Shear Wave Elastography (SWE) for the Evaluation of Benign Uterine Pathologies. *J Ultrasound Med*. 2018 May 6 [PMID: 29732594]
3. Hong WC, Marsh A, Wolfson T, Paige J, Dekhordy SF, Schlein A, Housman E, Deiranieh LH, Li CQ, **Wasnik AP**, Jang H, Dietrich CF, Piscaglia F, Casola G, O'Boyle M, Richman K, Valasek MA, Andre M, Loomba R, Sirlin CB. Reader agreement and accuracy of ultrasound features for hepatic steatosis. *Abdominal Radiology 2018* [PMID: 29951900]
4. Zhang M, Mendiratta-Lala M, Maturen KE, **Wasnik AP**, Assad H, Rubin JM. Quantitative Assessment of Liver Stiffness in Patients with Chronic Graft-versus-host-disease (cGVHD) following Allogeneic Hematopoietic Stem Cell Transplantation (HSCT) using Ultrasound Shear Wave Elastography: A Pilot Study. *J Ultrasound Med*. 2018 Oct [PMID: 30352484]
5. Lalchandani UR, Sahai V, Hersberger K, Francis IR, **Wasnik AP**. A Radiologists guide to Tumor Response Criteria. *Curr Probl Diagn Radiol*. 2018 Aug 2. pii: S0363-0188(18)30139-7 [PMID 30181058]

(Educational/Scientific Presentation)

1. Anderson A, Manganaro, **Wasnik AP**. Hungry for Stomach Pathologies: What A Resident Should Know. RSNA 2018 (*Invited for RadioGraphics*)
2. Shergill A, Camacho A, Jha P, Horowitz JM, **Wasnik AP**, Maturen KE, et al. Imaging of Transgender Patients: What Radiologists Need to Know. RSNA 2018
3. Choi H, Perez M, Millet J, Liang T, **Wasnik AP**, Maturen KE, Kamaya A. Advanced Hepatic Fibrosis May Limit US Screening for HCC: A Multicenter Study Using ACR US LI-RADS. RSNA 2018
4. Hong WC, Marsh A, Wolfson T, Paige J, Dekhordy SF, Schlein A, Housman E, Deiranieh LH, Li CQ, **Wasnik AP**, Jang H, Dietrich CF, Piscaglia F, Casola G, O'Boyle M, Richman K, Valasek MA, Andre M, Loomba R, Sirlin CB. Prediction of Hepatic Steatosis Using Sonographic Features. RSNA 2018
5. Perez M, Kamaya A, Choi H, Dahiya N, Huffman K, Millet J, Murphy P, Naveed M, O'Boyle M, Rodgers S, **Wasnik AP**, Maturen KE. ACR Ultrasound LI-RADS: Clinical Predictors of Diagnostic Adequacy for HCC Screening. RSNA 2018
6. Millet J, Perez M, Maturen KE, Choi H, Dahiya N, Huffman K, Murphy P, Naveed M, O'Boyle M, Rodgers S, **Wasnik AP**, Kamaya A. ACR Ultrasound LI-RADS: Multicenter Evaluation of Clinical Performance in HCC Screening and Surveillance. RSNA 2018
7. Jo Alexandra, Parikh K, Mahn J, **Wasnik AP**, Curci N. The Popped Penis: MRI Imaging of Penile Trauma. ARRS 2019

8. Moorman S, Stein E, Parikh K, Maturen KE, **Wasnik AP**. Multimodality Imaging Appearance of Postpartum Complications Following Vaginal and Cesarean Delivery. SAR 2019, Orlando FL
9. Roseland M, Maturen KE, Shampain K, **Wasnik AP**. Role of Imaging in Staging and Response Assessment of High Grade Serous Ovarian Carcinoma. SAR 2019, Orlando FL
10. George JS, Rosen MW, Curci N, Torres ML, **Wasnik AP**, Smith YR, Quint EH. Sonographic Indicators of Ovarian Torsion in Premenarchal Girls. Society for Reproductive Investigation 2019, Paris
11. George JS, Rosen MW, Curci N, Torres ML, **Wasnik AP**, Smith YR, Quint EH. Sonographic Indicators of Ovarian Torsion in Premenarchal Girls. Annual Meeting NASPAG 2019, New Orleans, LA.
12. Manganaro M. Mentor- Trainee Moderator, Scientific session- Association of University Radiologists (AUR) annual meeting, Orlando, FL

2019-2020:

(Peer reviewed publications)

1. Shergill AK, Camacho A, Horowitz JM, Jha P, Ascher S, Berchmans E, Slama J, Nougaret S, **Wasnik AP**, Robbins J, Dighe MK, Wang CL, Nimhurchartaigh JM, Phillips J, Menias C, Brook OR. Imaging of transgender patients: expected findings and complications of gender reassignment therapy. *Abdom Radiol (NY)*. 2019 Aug;44(8):2886-2898.
2. Millet J, Perez M, Kamaya A, Choi H, Dahiya N, Huffman K, Murphy P, Naveed M, O'Boyle M, Rodgers S, **Wasnik AP**, Maturen KE. ACR US LI-RADS: Multicenter Assessment of Clinical Performance at One Year. *J Am Coll Radiol*. 2019 Jun 4. pii: S1546-1440(19)30607-6.
3. Anderson A, Millet JM, Manganaro M, **Wasnik AP**. Multimodality Imaging of Gastric Pathologies: A Primer for Radiologists. *Radiographics*. 2020 May-Jun;40(3):707-708.
4. Aslam A, **Wasnik AP**, Shi J, Sahai V, Mendiratta-Lala M. Intraductal Papillary Neoplasm of the Bile Duct (IPNB): CT and MRI Appearance with Radiology-Pathology Correlation. *Clinical Imaging* 2020 <https://doi.org/10.1016/j.clinimag.2020.04.036>

(Educational/Scientific Presentation)

1. Conner J, Aslam A, Sahai V, Shi Jiaqi, Wasnik AP, Mendiratta-Lala M. Intraductal Papillary Neoplasm of the Bile Duct: Radiology-Pathology correlation. SCBTMR 2019.
2. Aslam A, Sahai V, Shi Jiaqi, Wasnik AP, Mendiratta-Lala M. Intraductal Papillary Neoplasm of the Bile Duct (IPNB): CT and MRI Appearance with Radiology-Pathology Correlation. ARRS 2020

2020-2021:

1. Shnayder M, Sherk B, Sekhar A, Wasnik AP. Biliary Strictures: Pre- and Post- Biliary Drain Placement Imaging Considerations. RSNA 2020

National Mentoring:

Through Association of University Radiologists Mentoring program

1. 2017: Anjali Cherukuri, MD (HO6, University of Vermont Medical Center, VT)

2. 2018: Xuan Nguyen, MD (Assistant Professor, Ohio State University, OH)
3. 2019: Sonia Gupta, MD (Assistant Professor, Beth Israel Deaconess Medical Center/Harvard Medical Center, MA)
4. 2019: Abhimanyu Aggarwal, MD (Fellow, Eastern Virginia Medical Center, Virginia, VA)
5. 2020: Alexandra (Sasha) Roudenko, MD (Assistant Professor, Mount Sinai, NY)
6. 2021: Priyam Chaudhary, MBBS (DY Patil Medical College, Pune, India)
7. 2021: Priya Dave, MD (Mt. Sinai Hospital, NY)

Through Society of Abdominal Radiology Mentoring program

1. 2021: Dianna Howard, MD (Abdominal Imaging Fellow, Oregon Health and Science University)

Committee, Volunteer and Organizational Service:

Committee/Volunteer Service

Institutional (University of Michigan)

2011 – Present	Faculty - First year radiology resident orientation program Ultrasound Division (July each year).
2011 – Present	Member, Abdominal Radiology Fellowship Selection committee
2012 – 2016	Member, Information Technology Committee - Department of Radiology
2013 – Present	Member, Medical Student Education Committee - Department of Radiology
2013 – Present	Member, Academy of Educational Excellence & Scholarship – University of Michigan Medical School
2015 – Present	Faculty, First Year Resident Mentorship Program, Department of Radiology
2015 – 2019	Faculty Lead (Abdominal Imaging) M1 students Inter-Professional clinical experience (ICE)- An initiative for clinical exposure to the M1 students per the new medical school curriculum
2017	Member, Interview committee for Associate Chair for Information Technology selection
2016 – Present	Faculty Member, Medical Student Career Panel (Radiology)
2017 – Present	Chair , Medical Student Research, Department of Radiology

- 2018 – Present Member, Michigan Center for Integrative Research in Critical Care (MCIRCC), University of Michigan
- 2018 – Present Faculty, Morphomics Analysis Group (MAG), University of Michigan
- 2019 – Present Member, Rogel Cancer Center, Michigan Medicine
- 2021 – Present Member, Abdominal Imaging Structured Reporting and Template Committee, Department of Radiology
- 2021 – Present Member, Faculty Recruitment Committee, Abdominal Imaging Division, Department of Radiology
- 2021 – Present Member, Advisory Committee on Clinical Track Appointments and Promotions (CLINACAP), University of Michigan Medical School

National

- 2011 – 2019 Member, CME and SAMs Compliance Committee - **American College of Radiology**
- 2011 – 2012 Member, Scientific Abstract Review Committee - **American Society of Emergency Radiology**
- 2014 – Present Member, Working Group Committee on Ultrasound Liver Imaging Reporting and Data System (LIRADS) - **American College of Radiology**
- 2015 – 2016 Member, Education Exhibits Award Committee- Multisystem/ER Section- **Radiological Society of North America**
- 2015 – 2019 Member, **Association of University Radiologist** – Alliance for Medical Student Education and Research (**AMSER**) Curriculum Committee
- 2015 – 2019 Member, **Association of University Radiologist** – Alliance for Medical Student Education and Research (**AMSER**) Membership Committee
- 2015 – Present Member, **Association of University Radiologist** – Radiology Research Alliance (**RRA**) Committee
- 2015 – Present Member, Uterine Ovarian Diseased Focused panel- **Society of Abdominal Radiology**
- 2016 – Present Member, **Association of University Radiologists**- Alliance of Clinician Educator in Radiology (ACER)

2016 – Present Faculty, Mentoring Program -**Association of University Radiologists**

2016 – 2020 Member, Education Exhibits Review Committee- Genitourinary Section, **Radiological Society of North America**

2017 – Present Member, Scientific/ Education Exhibits Abstract Review Committee- **Association of University Radiologists**

2017 – Present Member, Scientific Program Committee- **Association of University Radiologists**

2017 – Present Member, Website Education Committee-**Society of Abdominal Radiology**

2017 – Present Member, Ultrasound Certifying Exam, Diagnostic Radiology- **American Board of Radiology**

2017 – Present Member, Alliance for Clinician Educator (ACER) Newsletter Committee- **Association of University Radiologists**

2017, 2018 **Assistant Chair**, Education Exhibits Award Subcommittee on Multisystem, Education and Emergency Radiology. **Radiological Society of North America**

2017 –2018 RadioGraphics Peer Review Mentoring Program, **Radiological Society of North America**
[Only 2-4 expert and experienced reviewers invited by Editor to mentor a trainee reviewer for 18 months' duration, reviewing several manuscripts submitted to RadioGraphics- RadioGraphics2018: 38 (7). 1899-1901]

2018-19 **Chair**- Radiology Research Alliance Task Force (Radiologists as Lifelong learner), **Association of University Radiologists**

2019, 2020 **Chair**, Subcommittee on Multisystem, Education and Emergency Radiology. Education Exhibits Award Committee. **Radiological Society of North America**

2019- Present **Executive Committee**, Radiology Research Alliance- **Association of University Radiologists**

2019- Present Member, Appropriateness Criteria Women's Imaging Panel-1, **American College of Radiology**

2020 **Chair**, Uroradiology Section-Education Exhibits Committee. **Radiological Society of North America**

2020 – Present	Member, Website Oversight Committee- Society of Abdominal Radiology
06/2020 – 05/2021	Vice-Chair , Appropriateness Criteria Women’s Imaging Panel-1, American College of Radiology
2020- Present	Member, Committee on Practice Parameters and Technical Standards – Abdominal Body Imaging, American College of Radiology
2021- Present	Member, Scientific Committee on Genitourinary Imaging. Radiological Society of North America
2021 – Present	Member, Professional Practice & Standards Committee, Society of Radiologists in Ultrasound
2021 – Present	Member, Training and Education Committee, Society of Radiologists in Ultrasound
2021 – Present	Member, Emerging Technical Commission on Ultrasound, Society of Abdominal Radiology
06/2021 – 05/2023	Chair , Appropriateness Criteria Women’s Imaging Panel-1, American College of Radiology

Reviewer

2010 – Present	Indian Journal of Radiology and Imaging
2011 – 2012	American Society of Emergency Radiology Scientific Abstract Reviewer
2011 – Present	Cancer Imaging
2011 – 2019	American College of Radiology’s Continued medical education (CME) & and Self-assessment module (SAM) evaluation.
2012 – Present	Pediatric Radiology
2012 – Present	World Journal of Radiology
2013 – Present	RadioGraphics
2014 – Present	Abdominal Imaging
2015 – Present	World Journal of Gastroenterology
2015 – Present	European Urology
2016 – Present	Academic Radiology
2017 - Present	RSNA GU educational exhibit abstract reviewer
2017 - Present	AUR scientific abstract reviewer
2019 - Present	Journal of American College of Radiology
2020 – Present	American Journal of Roentgenology

Editorial Board Member:

02/2017- Present	Association of University Radiologist-ACER Newsletter
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01/2018- Present World Journal of Radiology
01/2018- Present Deputy Editor, **Academic Radiology** journal

Other Volunteer Service:

1999 – 2000 Volunteered in several district level health camps rendering services in rural areas when working as resident in chest medicine at Indira Gandhi Medical College and Mayo hospital, Nagpur, India.

2003 – 2005 As senior resident of Radiology King Edward Memorial (KEM) Hospital, Mumbai, India – Managed Radiology departmental self-contained library which included national and international books, journals, and maintained the unique teaching folder collection of KEM Teaching File library with a collection of over 10,000 teaching files.

2007 – 2013 Coordinated & Scheduled weekly Radiology Journal club meetings
Advisor and Moderator www.iradix.in, - a web based portal radiology residents, fellows and faculties across the world- for radiology topic discussion, forum, teaching, second opinions, quiz, links to journals etc. with approximately 6000 members.

Invited Lecture/Professorship, Seminars and Workshops:

Invited Lecturer/Visiting Professor:

Institutional (University of Michigan)

02/28/11 Department of Emergency Medicine
“Radiology in Emergency Medicine”
Target audience: faculties, residents, interns and M4’s from department of Emergency Medicine. (60 mins)

04/16/11 Department of Surgery, Division of Colorectal Surgery
“CT/MR enterography in Inflammatory Bowel Disease”
Target audience: Faculties, residents and interns from department of Surgery. (60 mins)

04/22/11 Department of Surgery, Division of Colorectal Surgery.
“MDCT in Mesenteric ischemia”
Target audience: Attended by faculties, residents and interns from department of Surgery. (60 mins)

03/12/14 Department of Radiology Grand Rounds
“Clinical and Imaging perspective in cystic ovarian masses”
Target audience: faculties, residents, and fellows from department of Radiology. (60 mins)

01/15/15 Department of Obstetrics & Gynecology Grand Rounds

- “Approach to cystic ovarian masses - Clinical and Imaging perspective”
Target audience: faculties, residents, interns and M4’s from department of Obstetrics & Gynecology (60 mins)
- 04/13/15 Department of Anatomical sciences
 “Imaging based anatomy and pathology of GI tract-Part 1”
Target audience: M4 students. (90 mins)
- 04/14/15 Department of Anatomical sciences
 “Imaging based anatomy and pathology of GI tract-Part 2”
Target audience: M4 students. (45 mins)
- 04/11/16 Department of Anatomical sciences
 “Imaging based anatomy and pathology of GI tract-Part 1”
Target audience: M4 students. (90 mins)
- 04/11/16 Department of Anatomical sciences
 “Imaging based anatomy and pathology of GI tract-Part 2”
Target audience: M4 students. (45mins)
- 09/30/16 Michigan Medical school (Foundations and Diagnostics and Therapeutics Course)
 “Multidisciplinary approach in Inflammatory Bowel disease- Gastroenterology, Pathology and Radiology”
Target audience: Class of M1 students (170 students) . (120 mins)
- 08/30/17 Department of Internal Medicine,
 Division of Nephrology
 “Clinical Imaging approach to Fabry’s Disease”
Target audience: faculties, residents, and fellows from department of Internal Medicine. (60 mins)
- 09/20/17 Michigan Medical school –Radiology Day
 Faculty- Ultrasound basics and hands-on workshop
Target audience: Class of M1 students (170 students) (180 mins)
- 09/29/17 Michigan Medical school (Foundations and Diagnostics and Therapeutics Course)
 “Multidisciplinary approach in Inflammatory Bowel disease- Gastroenterology, Pathology and Radiology”
Target audience: Class of M1 students (170 students) (120 mins)
- 05/25/18 Department of Internal Medicine, Division of Nephrology
 “Imaging in Native and Transplant Kidneys”
Target audience: faculties, residents, and fellows (60 mins)

- 10/02/19 Michigan Medical school –Radiology Day
Faculty- Basics to Imaging
Target audience: Class of MI students (170 students)
- 06/09/20 Department of Internal Medicine, Division of Nephrology
“Radiological perspective in Native and Transplant Kidneys”
Target audience: faculties, residents, and fellows (60 mins)
- 08/17/20 Department of Radiology Research Roundtable
“Machine Learning in Assessment of Small Bowel Damage in Crohn’s Disease” (Wasnik AP, Stidham RW, Al-Hawary MM, Enchalakody BC)
Target audience: faculties, residents, and fellows (60 mins)

Regional:

- 10/13/15 Visiting Professor- **Mercy Hospital St. Mary’s, Grand Rapids, MI**
(Affiliated to Michigan State University) , 4 hours session
1. Evidence based imaging guidelines in adnexal cystic masses
 2. Case Based Board Review
- 11/01/16 Visiting Professor- **Mercy Hospital St. Mary’s, Grand Rapids, MI**
(Affiliated to Michigan State University), 4 hours session
1. Management of incidental adnexal masses
 2. Imaging based case review in abdomen pelvis
- 05/03/17 Visiting Professor- **Mercy Hospital St. Mary’s, Grand Rapids, MI**
(Affiliated to Michigan State University), 4 hours session
1. Imaging in Renal and Liver Transplant
 2. Case based Imaging review
- 05/30/17 Invited Lecture- **St. Joseph Mercy Hospital System, Oakland, MI**
1. Imaging case based review (Body)
- 02/15/18 Invited Lecture, **University of Texas Health San Antonio, San Antonio, TX**
1. *Practical approach to management guidelines of adnexal cystic mass*
 2. *Resident Review –Abdomen Pelvis Imaging*
- 04/16/18 Invited Lecture- **St. Joseph Mercy Hospital System, Oakland, MI**
1. *Interactive imaging based cases in GI and GU*
- 05/01/18 Visiting Professor- **Mercy Hospital St. Mary’s, Grand Rapids, MI**
1. Imaging in bariatric Surgery
 2. Imaging case based review

- 05/07/19 Invited lecturer- **St. Joseph Mercy Hospital, Oakland, MI**
 1. Case based review (Body)
- 01/09/21 Invited lecturer- **Metro Health, Cleveland, OH (virtual)**
 1. Interactive Imaging case-based review in Abdomen Pelvis
- 04/06/21 Visiting Professor- **Mercy Hospital St. Mary's, Grand Rapids, MI (virtual)**
 1. MR Imaging in Rectal cancer
 2. Imaging case based review
- 04/23/21 Invited lecturer- **St. Joseph Mercy Hospital, Oakland, MI (virtual)**
 1. Case based review (Body)

National:

- 03/22/15 *Tumors and Tumor-like Conditions of the Peritoneum and Mesentery.*
 Wasnik AP, Francis IR
Society of Abdominal Radiology Annual Meeting, San Diego, CA
- 03/24/15 *Cystic Adnexal Lesions in US, CT and MR: Contemporary Evidence-based Management.* Maturen KE, Wasnik AP
Society of Abdominal Radiology Annual Meeting, San Diego, CA
- 03/15/16 *Evidence based Imaging in Cystic Adnexal Lesions in US, CT and MR: Management.* Wasnik AP, Wolfman D
Society of Abdominal Radiology Annual Meeting, Hawaii
- 04/01/16 *Resident Review Course-Ultrasound*
Association of University Radiologists, San Diego, CA
- 03/14/17 *Imaging in Renal and Liver Transplants.*
18th UM Radiology Course at Seashore, Captiva Island, FL
- 03/14/17 *Radiological Perspectives in Bariatric Surgery.*
18th UM Radiology Course at Seashore, Captiva Island, FL
- 03/16/17 *CT/MR Enterography: What you need to know!*
18th UM Radiology Course at Seashore, Captiva Island, FL
- 03/16/17 *Evidence Based Management of Cystic Adnexal Masses (SAM-CME).*
18th UM Radiology Course at Seashore, Captiva Island, FL
- 03/30/17 *Evidence based Imaging for Detection and Follow-up of Ovarian Cancer.*
 Shinagare A, Wasnik AP
Society of Abdominal Radiology Annual Meeting, Hollywood, FL

03/30/17 *Imaging in Female Pelvic Emergencies.* Masch B, Wasnik AP
Society of Abdominal Radiology Annual Meeting, Hollywood, FL

05/11/17 *Resident Review Course-Ultrasound*
Association of University Radiologists, San Diego, CA

03/06/18 *Evidence based Imaging for Detection and Follow-up of Ovarian Cancer.*
Shinagare A, Wasnik AP
Society of Abdominal Radiology Annual Meeting, Scottsdale, AZ

05/07/18 *Resident Review Course-Ultrasound*
Association of University Radiologists, Orlando, FL

05/09/18 *Moderator, Scientific session (Session Code: SS02: Clinical: Abdominal, Interventional Radiology, Nuclear Medicine, Women's Imaging*
Association of University Radiologists, Orlando, FL

05/08/18 *Moderator, Tips on Giving Effective Feedback; ACER Round table*
Association of University Radiologists, Orlando, FL

05/09/18 *Moderator, Interactive Teaching Techniques, ACER Round table*
Association of University Radiologists, Orlando, FL

02/23/19 *Renal Transplants- Radiological Perspective*
Promedica Ultrasound Symposium, Perrysberg, OH

02/23/19 *Ultrasound Evaluation of Adnexal Masses & Evidence Based Management of Incidental Adnexal Masses*
Promedica Ultrasound Symposium, Perrysberg, OH

03/17/19 *CT/MR evaluation of adnexal masses.* Shinagare A, Wasnik AP
Society of Abdominal Radiology Annual Meeting, Scottsdale, AZ

04/10/19 *Resident Review Course-Ultrasound*
Association of University Radiologists, Baltimore, MD

02/27/20 *Imaging in Bariatric Surgery.*
27th UM Radiology in the Desert, Scottsdale, AZ

02/27/20 *Managing incidentally detected Adnexal/Ovarian masses.*
27th UM Radiology in the Desert, Scottsdale, AZ

02/28/20 *Multimodality imaging of Renal and Pancreas Transplants.*
27th UM Radiology in the Desert, Scottsdale, AZ

02/28/20 *MRI of Rectal Cancer.*
27th UM Radiology in the Desert, Scottsdale, AZ

- 05/07/20 *Understanding Mesenteric Ischemia (Categorical Course)*
ARRS Annual Meeting (virtual meeting due to Covid-19)
- 12/20/20 *Rectal cancer MR Imaging (Webinar)*
National Colorectal Educational Program (organized by Division of
 Colorectal Surgery, Cleveland Medical Center)
- 05/07/20 *Understanding Mesenteric Ischemia (Categorical Course)*
ARRS Annual Meeting (virtual meeting due to Covid-19)

International

- 11/18/09 **Midas Institute of Gastroenterology, Nagpur, India**
 Department of Gastroenterology and Radiology
*Target audience: consultant radiologists, internist, gastroenterologists,
 house officers (60 mins/lecture)*
- (i) Imaging in mesenteric ischemia - clinical and radiological perspective
 (ii) Interesting cases in abdominal imaging
- 11/24/10 **Seven Hills Hospitals, Mumbai, India**
 Department of Radiology
Target audience: consultant radiologists, house officers (60 mins/lecture)
- (i) Multimodality imaging in pancreatic lesions
 (ii) CT Enterography - an update
- 11/25/10 **King Edward Memorial Hospital, Mumbai, India**
 Department of Radiology
Target audience: Faculties, residents (60 mins/lecture)
- (i) Multimodality imaging in cystic masses
 (ii) MR characterization of liver lesions
- 11/25/10 **Grant Medical College & Sir J.J. Group of Hospitals, Mumbai, India**
 Department of Radiology
*Target audience: Faculties, residents -Department of Radiology (60
 mins/lecture)*
- (i) Multimodality Imaging in Ureteric and periureteric pathologies
 (ii) Interesting cases in abdomen-pelvic imaging
- 06/03/13 **University of Madrid - Hospital de San Carlos, Madrid, Spain**
Department of Radiology
Target audience: faculties, residents - Department of Radiology. (60

mins/lecture)

- (i) Imaging in Renal Transplant
- (ii) Imaging based algorithmic approach to ovarian cystic lesions

07/01/13

Ramakrishna Care Hospital, Raipur, India

Department of Radiology

*Target audience: Faculties, Registrar- Department of Radiology
(60 mins/lecture)*

- (i) Role of imaging in diagnosis of mesenteric ischemia
- (ii) Multimodality imaging and diagnostic approach to ovarian and adnexal masses

07/03/13

Tata Memorial Hospital, Mumbai, India

Radiology Interest group (Innovision India)

Target audience: Radiology residents from Mumbai, India (60 mins/lecture)

- (i) Imaging in bariatric surgery
- (ii) CT Enterography - Inflammatory Bowel disease and Beyond
- (iii) Imaging in Renal Transplant
- (iv) Imaging based algorithmic approach to hypervascular pancreatic lesions

10/14/15

University of Michigan Medical School, Ann Arbor & University of South Africa, Pretoria Collaborative online video Seminar

Target audience: M4 Students from UM, USA and University of SA, Pretoria (contact time = 60 mins)

Imaging in GI Pathology (Flipped Classroom)

12/23/15

The University of the West Indies – Mona Campus, Mona, Kingston, Jamaica

Department of Surgery, Radiology, Anesthesia and Intensive Care

Target audience: faculties, residents (60 mins/lecture)

- (i) Evidence based approach to adnexal cystic mass
- (ii) Imaging inflammatory bowel disease-What you need to know!

12/11/19

Tata Memorial Hospital, Mumbai, India

Target audience: Radiology residents and consultant radiologists from Mumbai, India (60 mins/lecture)

- (i) Evidence based management of incidentally detected adnexal/ovarian mass
- (ii) Interesting Abdominal Imaging Cases

- 01/24/21 **Global Webinar Series organized by Cafe Roentgen/ Radiology Education Foundation, Mumbai, India**
- Navigating various imaging based management guidelines for ovarian/adnexal masses,
- 05/28-29/21 **Ghana Association of Radiology Annual General Meeting/Radiology Update Course (virtual meeting), Accra, Ghana**
1. MDCT imaging in bowel- Protocols and Pathologies
 2. Multimodality imaging in postoperative bowel

Presentations/Abstracts (Educational and Scientific):

(**First author/presenter mentored trainee)

1. **Wasnik AP.** Hysterosalpingography features of genital tuberculosis. Mumbai Grand Teaching Folder Meet. *Grant Medical College Mumbai, India, September 2002*
2. **Wasnik AP.** Intravenous urography in congenital genitourinary anomalies. Teaching Folder Meet- *KEM Hospital, Mumbai, India, March 2003*
3. **Wasnik AP.** CT findings in chest wall tumors. Teaching Folder Meet- *KEM Hospital, Mumbai, India, July 2003*
4. **Wasnik AP.** Ultrasound features of thyroid lesions- Residents perspective: Mumbai Ultrasound Meet-Jaslok Hospital, Mumbai, India, 2003
5. **Wasnik AP.** Ultrasound in vascular Imaging (findings on B mode correlated with Color Doppler and conventional angiography): Mumbai Ultrasound Meet-Jaslok Hospital, Mumbai, India, 2004
6. Morani AC, Ramakantan R, Goel A, Chaudhary R, **Wasnik AP:** CT angiographic evaluation of the course and surgical landmarks of vertebral artery in 50 Cases with basilar invagination. *Scientific Paper- RSNA, Chicago, IL 2006*
7. **Shinagare A, **Wasnik A,** Gujrathi R, Pai B: Imaging in neurocutaneous disorder (L-124/07). *60th Annual Conference of the Indian Radiological & Imaging Association (IRIA), Mumbai, India-2007*
8. Morani AC, Ramakantan R, Tan TY, **Wasnik AP,** Goel A, Nagar A, Virshni K: Prospective evaluation of vertebral artery course anomalies and related surgical parameters in 50 cases with craniovertebral junction anomalies. Scientific paper. *Annual Meeting American Society of Neuro-Radiology (ASNR), Chicago, USA-2007*
9. **Wasnik A,** Kaza RK, Surabhi V, Liu PS, Al-Hawary MM: Diagnosis of mesenteric ischemia - pearls and pitfalls (*CME credit*). *ARRS Boston, USA- 2009*
10. **Wasnik A,** Elsayes KM, Caoili E, Platt J, Menias C: Imaging in adnexal cystic masses (*CME credit*). *ARRS Boston, USA- 2009*
11. **Wasnik A,** Elsayes KM, Caoili E, Platt J, Menias C: Multimodality imaging and recent advances in diagnostic workup of ovarian cystic lesions. *RSNA Chicago, USA- 2009*

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Book Chapters and Teaching Modules:

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