

**Weill Cornell Medical College, Cornell University
Faculty Curriculum Vitae**

Name: Victoria Chernyak, MD MS FSAR FACR

A. EDUCATION

Academic Degree(s) (*Bachelor's and higher*)

Degree	Institution name, city and state	Dates attended (mm/yyyy-mm/yyyy)	Year Awarded
BA	Rutgers College, Rutgers University New Brunswick, NJ	09/1994 – 06/1997	1997
MD	Albert Einstein College of Medicine Bronx, NY	08/1997 – 06/2001	2001
MS	Albert Einstein College of Medicine Bronx, NY	07/2012 – 06/2014	2014

B. POSTDOCTORAL TRAINING (*include residency/fellowships*)

Title	Institution, city and state	Dates (<i>mm/yy - mm/yy</i>)
Intern Obstetrics and Gynecology	University Hospital/UMDNJ Newark, NJ	07/01 - 06/02
Resident Radiology (Diagnostic Imaging)	Department of Radiology Montefiore Medical Center Bronx, NY	07/02 – 06/06
Fellow Abdominal MRI	Department of Radiology Montefiore Medical Center Bronx, NY	07/06 - 06/07

C. PROFESSIONAL POSITIONS & EMPLOYMENT

Academic Appointments (*Teaching and research, i.e. Instructor, Assistant Professor, etc.*)

Title	Institution, city and state	Dates (mm/yy - mm/yy)
Assistant Professor of Radiology	Albert Einstein College of Medicine Bronx, NY	07/07-06/13
Assistant Professor of Obstetrics and Gynecology	Albert Einstein College of Medicine Bronx, NY	12/09-12/15
Associate Professor of Radiology	Albert Einstein College of Medicine Bronx, NY	06/13-06/18
Associate Professor of Urology	Albert Einstein College of Medicine Bronx, NY	07/17-06/18
Professor of Radiology	Albert Einstein College of Medicine Bronx, NY	07/18-03/21
Professor of Urology	Albert Einstein College of Medicine Bronx, NY	07/18-03/21
Associate Professor of Radiology	Harvard Medical School Boston, MA	04/21-7/22

Hospital Appointments (Clinical, i.e., Assistant Attending, Attending, etc.)

Title	Institution, city and state	Dates (mm/yy - mm/yy)
Attending, Diagnostic Radiology	Montefiore Medical Center Bronx, NY	07/07-04/21
Attending, Diagnostic Radiology	BIDMC Boston, MA	4/21-7/22
Attending, Diagnostic Radiology	Memorial Sloan Kettering Cancer Center NYC, NY	7/22-current

Other Professional Positions & Employment (Industry, private practice, etc.)

Title	Institution, city and state	Dates (mm/yy - mm/yy)
Director, Abdominal Magnetic Resonance Imaging	Montefiore Medical Center Bronx, NY	07/2008-03/2021
Interim Section Chief of Abdominal Imaging Section	Montefiore Medical Center Bronx, NY	05/2018-03/2021
Director of Oncologic Imaging, Department of Radiology	BIDMC Boston, MA	4/2021-6/2022
Attending, Department of Radiology	Memorial Sloan Kettering Cancer Center NYC, NY	7/22-current

D. LICENSURE, BOARD CERTIFICATION

Licensure: Every physician appointed to the NYP Hospital staff, except interns, and aliens in the US via non-immigrant visas, must have a New York State license or a temporary certificate in lieu of the license.

State	Number	Date of issue (mm/dd/yyyy)	Date of last registration (mm/dd/yyyy) – (mm/dd/yyyy)
NY	229472	08/04/2003	08/2022 - 08/2024
MA	286552	3/25/2021	09/2022 – 09/2023
NJ	25MA11560000	7/20/2022	7/2022 – 6/30/2023

DEA number: (optional)	FC0135207
NPI number: (optional)	1255424495

If no license:

- (1) Do you have a temporary certificate? N/A
- (2) Have you passed the examination for foreign medical school graduates? N/A

Board Certification

Full Name of Board	Certificate # (indicate if board eligible)	Dates of Certification (mm/dd/yyyy) – (mm/dd/yyyy)
American Board of Radiology	53165	6/14/2006 - current

E. INSTITUTIONAL/HOSPITAL AFFILIATION

Primary Hospital Affiliation:	Beth Israel Deaconess Medical Center, Boston MA
Other Hospital Affiliations:	
Other Institutional Affiliations:	

F. EMPLOYMENT STATUS

Name of Current Employer(s): Beth Israel Deaconess Medical Center

Current Employment Status: (Please choose one, list here, delete the others)

Other salaried

If not currently employed by Weill Cornell Medicine, do you anticipate being employed by WCM? Yes

G. HONORS, AWARDS

Name of award	Organization	Date awarded (yyyy)
Graduated <i>Summa cum laude</i>	Rutgers College, Rutgers University	1997
Henry Rutgers Scholar	Rutgers College, Rutgers University	1997
Alpha Omega Alpha Honor Medical Society	Albert Einstein College of Medicine	2001
Roentgen Resident/Fellow Research Award	Radiologic Society of North America	2006
Milton Elkin, MD Outstanding Graduating Resident	Montefiore Medical Center	2006
Master of Science in Clinical Research Methods with Distinction	Albert Einstein College of Medicine	
Certificate of Merit Award for Educational Exhibit, RSNA Annual Meeting “A Wolf in Sheep's Clothing: Tumor in the Abdomen Mimicking Benign Conditions” Oh SK, Ricci ZJ, Stein MW, Flusberg M, Roberts J, Wolf EL, Chernyak V , Rozenblit AM, Mazzariol F.	Radiologic Society of North America	2014
Cum Laude Award for Educational Exhibit, RSNA Annual Meeting “Abdominal Incidentaloma Quiz: A Review of the ACR Incidental Findings Committee Recommendations” Flusberg M, Mazzariol F, Oh SK, Ricci ZJ, Rozenblit AM, Chernyak V .	Radiologic Society of North America	2014

Fellow status	Society of Abdominal Radiology	2015
Outstanding Reviewer	<i>Current Problems in Diagnostic Radiology</i>	2016
Certificate of Merit for Educational Exhibit, RSNA Annual Meeting “Liver Imaging Reporting and Data System: An Interactive Tutorial” Chernyak V , Santillan CS, Hooker JC, Sirlin CB.	Radiologic Society of North America	2016
Distinguished Reviewer	<i>Abdominal Radiology</i>	2017
Outstanding Reviewer	<i>Academic Radiology</i>	2017
Outstanding Reviewer	<i>Clinical Imaging</i>	2017
Distinguished Reviewer	<i>Journal of Magnetic Resonance Imaging</i>	2017
Distinguished Reviewer	<i>Current Problems in Diagnostic Radiology</i>	2018
Distinguished Reviewer	<i>Journal of Magnetic Resonance Imaging</i>	2018
Outstanding Reviewer	<i>Magnetic Resonance Imaging</i>	2018
Outstanding Reviewer	<i>European Journal of Radiology</i>	2018
Magna Cum Laude Award for Educational Exhibit, SAR Annual Meeting “Cirrhosis – The Double-Edged Sword for CT and MRI Diagnosis of HCC.” Chernyak V , Fowler K, Kielar A, Furlan A, Tang A, Cui J, Papadatos D, Sirlin CB.	Radiologic Society of North America	2018
Certificate of Merit for Educational Exhibit, RSNA Annual Meeting “Pitfalls in the Diagnosis of Hepatocellular Carcinoma: User Errors in Applying LI-RADS v2017” Elsayes K, Sirlin CB, Fowler K, Tang A, Bashir M, Chernyak V , Kielar A, Hecht E.	Radiologic Society of North America	2018
Volunteer Service Award	American Board of Radiology	2019
Certificate of Merit for Educational Exhibit, RSNA Annual Meeting “Many Faces of Lymphoma: Abdominal Manifestations of Extranodal Lymphoma” Kobi M, Ricci ZJ, Kanmaniraja D, Chernyak V .	Radiologic Society of North America	2019
Distinguished Reviewer	<i>Journal of Magnetic Resonance Imaging</i>	2019
Best Paper in New Frontiers of Science, SAR Annual Meeting “Comparative effectiveness of advanced cancer longitudinal response evaluation methods: artificial intelligence-assisted vs. standard-of-care” Allen BC, Abou Elkassem A, Mresh R, Lirette S, Shrestha Y, Giese JD, Stevens R, Williams D, Farag A, Khalaf AM, Al-Hawary MM, Chamarthi SK, Chauhan A, Chernyak V , Clark TJ, Cox KL, Digumarthy SR, Ehieli WL, Ferguson DJ, Gaballah AH, Galgano SJ, Gandhi D, Lee S, Lee SI, Mervak BM, Mittal PK,	Society of Abdominal Radiology	2020

Murphy PM, Nandwana SB, O'Connor SD, Patel NU, Roda MS, Surabhi VR, Trace AP, Wasnik AP, Yacoub JH, Zidan AT, Smith A		
Certificate of Merit for Educational Exhibit, RSNA Annual Meeting "How Well Do You Know the Pelvic Floor Anatomy?" Ram R, Flusberg M, Swamy N, Chernyak V , Pandey T, Bajaj G, Jambhekar K.	Radiologic Society of North America	2020
Editor's Recognition Award with Special Distinction	<i>Radiology</i>	2020
Distinguished Reviewer	<i>Abdominal Radiology</i>	2020
Editor's Recognition Award with Special Distinction	<i>Radiology</i>	2021
Society of Abdominal Radiology's Richard H. Marshak International Lecturer	Society of Abdominal Radiology	2021
Morris Simon Mini Research Sabbatical	Beth Israel Deaconess Medical Center	2021
Editor's Recognition Award for reviewing with Distinction	<i>RadioGraphics</i>	2021
Fellow status	American College of Radiology	2022

H. PROFESSIONAL ORGANIZATIONS AND SOCIETY MEMBERSHIPS

(Please include medical and scientific societies.)

<i>Organization</i>	<i>Date</i>
RSNA (Radiological Society of North America)	2002 - current
ACR (American College of Radiology)	2006-current
SAR (Society of Abdominal Radiology)	2006-current
ARRS (American Roentgen Ray Society)	2006-current
ISMRM (International Society of Magnetic Resonance in Medicine)	2017-current
SABI (Society for Advanced Body Imaging)	2018-current
ESR (European Society of Radiology)	2018-current
ESGAR (European Society for Gastrointestinal and Abdominal Radiology)	2019-current
AASLD (American Association for the Study of Liver Diseases)	2019-current

I. PERCENT EFFORT AND INSTITUTIONAL RESPONSIBILITIES

(When not yet at WCM, report activities at current site; when already at WCM, report only WCM activities.)

Current Site Activity <i>(if not WCM)</i>	Percent Effort (%)	Does the activity involve Weill Cornell students/research trainees? (Yes/No)
Teaching	0%	No
Clinical	70%	No
Administrative	10%	No
Research	20%	No

Total	100%	No
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J. EDUCATIONAL CONTRIBUTIONS

Teaching

Please include title/audience/dates as applicable.

Didactic teaching

<i>(lectures, seminars, tutorials, professional development programs at WCM and previously employed institutions)</i>	Dates
<u>Resident lecture (didactic and case-based): One lecture per month</u> Department of Radiology Montefiore Medical Center	2007-2021
<u>Pelvic Floor Evaluation with Dynamic MRI</u> Department of Obstetrics and Gynecology Albert Einstein College of Medicine	2009
<u>Imaging Modalities in Screening of Hepatocellular Carcinoma</u> Transplant Lecture Series, Division of Transplant Surgery Montefiore Medical Center	2012
<u>Imaging Modalities in Screening of Hepatocellular Carcinoma</u> Department of Gastroenterology Montefiore Medical Center	2012
<u>MR Defecography in Evaluation of Pelvic Floor Disorders</u> Department of Gastroenterology Montefiore Medical Center	2012
<u>Dynamic Pelvic Floor MRI Evaluation of Pelvic Floor Dysfunction</u> Department of Urology Montefiore Medical Center	2012
<u>Prostate MRI and PI-RADS</u> Radiation Oncology Resident Lecture Series Department of Radiation Oncology Montefiore Medical Center	2014
<u>Basics of Abdominal MR Imaging</u> Radiation Oncology Resident Lecture Series Department of Radiation Oncology Montefiore Medical Center	2016
<u>Imaging Appearances of Various Liver Lesions</u> Pediatric Hepatology Lecture Series Department of Pediatrics Montefiore Medical Center	2017
<u>MR Defecography</u> Department of Gastroenterology Montefiore Medical Center	2018
<u>OPTN vs LI-RADS v2018: Impact on staging</u> Department of Surgery Transplant lecture series Montefiore Medical Center	2019
<u>MRI of the prostate cancer</u> Department of Radiation Oncology Montefiore Medical Center	2019
<u>Tips and Tricks for efficient Pubmed Search and EndNote use</u> Department of Radiology	2019

Academic Leadership Series Montefiore Medical Center	
<u>Academic Promotions Process at AECOM</u> Department of Radiology Academic Leadership Series Montefiore Medical Center	2019
<u>Prostate MRI and PI-RADS</u> Radiation Oncology Resident Lecture Series Department of Radiation Oncology Montefiore Medical Center	2020
<u>Assessment of Pelvic Floor Dysfunction with MRI</u> Urogynecology Fellow Lecture Series Department of Obstetrics and Gynecology Montefiore Medical Center	2021
<u>Practical approach to LI-RADS CT/MRI Algorithm</u> Radiology residency lecture series Department of Radiology BIDMC	2021
<u>Benign liver lesions on MRI</u> Radiology residency lecture series Department of Radiology BIDMC	2021

Clinical teaching

<i>(bedside teaching, teaching rounds, teaching in operating room, precepting in clinic, morning report, etc.)</i>	Dates
Clinical teaching of radiology residents at Montefiore Medical Center	2007-2021
Clinical teaching of fellows in Abdominal Imaging and Abdominal MRI at Montefiore Medical Center	2007-2021
Clinical teaching of radiology residents at BIDMC	2021-current
Clinical teaching of fellows in Abdominal Imaging and Abdominal MRI at BIDMC	2021-current

Administrative teaching)

<i>(leadership role as residency or fellowship director, course or seminar series director or co-director at WCM and previously employed institutions</i>	Dates
N/A	

Continuing education and professional education

<i>(role and scope of activity)</i>	Dates
<u>Imaging After Loco Regional Therapy: Techniques And Pitfalls</u> Faculty Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2014
<u>Imaging Of The Cirrhotic Patient: When Is A Biopsy Indicated?</u> Faculty Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2014
<u>Imaging Assessment of Treatment Response</u>	2015

Faculty Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	
<u>Pre-Intervention Imaging: Understanding The Liver Imaging Reporting And Data System (LI-RADS)</u> Faculty Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2016
<u>MRI Requirements and LI-RADS System for Radiographic Diagnosis of Hepatocellular Carcinoma</u> Faculty Update on Hepatocellular Carcinoma and Liver Transplantation CME Course Milton, NY	2017
<u>MRI for Prostate Cancer</u> Faculty WPH Symposium: Saving the urinary tract—tissue preservation and novel technology CME Course White Plains, NY	2017
<u>LI-RADS Categorization</u> Faculty Update on Hepatocellular Carcinoma CME Course Nyack, NY	2017
<u>LI-RADS: an MRI Primer</u> Faculty Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2017
<u>Pancreatic Cancer: Defining Resectable, Borderline Resectable And Locally Advanced Disease</u> Faculty Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2018
<u>Management Implications of LI-RADS Categories</u> Faculty Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2018

Community education or patient outreach

<i>(medical journalism and media presentations such as television and radio appearances that educate the public about medicine, health or biomedical sciences)</i>	Dates
N/A	

K. CLINICAL PRACTICE, INNOVATION, and LEADERSHIP

Clinical Practice

<i>Please include duration, i.e., year(s) of practice, name and location of practice, type of activity, level of activity (e.g., sessions, days or hours per week or month). Examples include attending on inpatient units, ambulatory practice, performing procedures.</i>	Dates
Montefiore Medical Center (teaching attending)	2007-2021
Beth Israel Deaconess Medical Center (teaching attending)	2021-current

Clinical Innovations

<i>Please include date innovation launched, title/location of innovation, role and short description of the influence on clinical care or practice management. Examples include development of innovative approaches to diagnosis, treatment or prevention of disease, applications of technologies, and/or models of care delivery.</i>	Dates
<p>Preoperative imaging of anterior abdominal wall perforators prior to DIEP flap using MRI:</p> <p>I collaborated with a team of plastic surgeons at Montefiore Medical Center to establish a first program of preoperative assessment prior to deep inferior epigastric perforator (DIEP) flap using MRI. I developed the original MRI protocol, and came up with a 3D reconstruction approach that mapped out location of the perforators on 3D image of patient’s anterior abdominal wall. This image was used by surgeons to localize perforators intraoperatively.</p> <p>I was the first author on the first study in the world that assessed utility of MRI in preoperative assessment of DIEP patients (Ref 4). The study demonstrated that perforators detected on MRI were located during surgery in the specified location, and the perforators that were marked as the best (based on size and location) by MRI coincided with perforators chosen during graft harvest. The surgical outcomes of our program were published together with plastic surgeon colleagues in Ref 7.</p> <p>Our MRI DIEP evaluation program became successful, and I consulted centers in New York City and nationally (e.g., NYU, Cornell, Columbia, Emory) on the protocol, as they established similar programs. Use of MRI in the preoperative assessment of DIEP patients has since become a widely utilized technique. A recent meta-analysis demonstrated that of all available modalities (hand-held doppler, duplex US, CTA, MRI and thermography), MRI has the highest agreement between preoperative imaging and intraoperative perforator selection (mean 97% [95% CI 86–100%]) (Kiely et al. J Plast Reconstr Aesthet Surg. 2020 Dec 10:S1748-6815(20)30670-7. doi: 10.1016/j.bjps.2020.12.005. Epub ahead of print. PMID: 33342741).</p>	2006-
<p>Use of Gadoxetate (Eovist)-enhanced MR imaging of the liver:</p> <p>I championed implementation of gadoxetate (Eovist) in Montefiore, as soon as it was approved for clinical use in United States in 2008. I developed and optimized MR protocols. As use of gadoxetate in setting of cirrhosis was an uncommon practice at the time, the timing of the imaging sequences was worked out de novo; since then, Montefiore became one of the leading centers of use of Eovist in patients with cirrhosis in Northeast USA. To date, the use of gadoxetate in the setting of cirrhosis remains controversial. Given my extensive clinical expertise in this subject, I have provided consults to representatives of various institutions (e.g., Memorial Sloan Kettering Center, Columbia University, Emory University, Mayo Clinic Arizona, University of Texas Southwestern, University of California San Diego, Westchester Medical Center) on interpretation of complicated gadoxetate cases and nuances of MR protocols. I have given seven national presentations on the use of gadoxetate in patients with parenchymal liver disease.</p>	2008-

<p>In order to optimize the use of gadoxetate in the setting of cirrhosis, I have conducted research that explored factors affecting the imaging quality of the arterial phase (Ref 25) and hepatobiliary phase (Ref 10 and 18) when using gadoxetate in patients with parenchymal liver disease/cirrhosis. The cutoff of direct bilirubin established by Ref 18 has been adopted in clinical care by Montefiore and implemented in other institutions (e.g., Westchester Medical Center, Memorial Sloan Kettering Center, UCSD).</p>	
<p>Liver Imaging Reporting and Data System:</p> <p>Background:</p> <p>Liver Imaging Reporting and Data System (LI-RADS) is a standardized system for performing and interpretations of imaging in patients with or at risk for hepatocellular carcinoma (HCC). The initial version of LI-RADS was released in 2011. LI-RADS comprises of multiple working groups, which are overseen by the Steering Committee.</p> <p>I have joined the LI-RADS Hepatobiliary Agents (HBA) Working Group in 2013, and actively contributed to the development of initial guidelines of HBA use in LI-RADS. I became a member of the Steering Committee in 2016.</p> <p>LI-RADS Steering Committee</p> <p>I joined the Steering Committee in 2016, and became a member of a v2017 Working Group, a subgroup of the Steering Committee that worked on creation of LI-RADS v2017. In one year, I became a co-chair of this working group, and, along with Dr. Claude Sirlin from UCSD, I co-led development of v2017 version, and creation of v2017 Core documents.</p> <p>In February 2018, the leadership of American Association for the Study of Liver Diseases (AASLD) offered to incorporate LI-RADS into its guidance documents, provided a change to the criteria for LR-5 (Definite HCC) would be introduced. I co-led emergency meetings of the LI-RADS Steering Committee, creating literature searches and documents supporting the discussions. After the proposed changes were approved, I co-led the update of the documents to create LI-RADS v2018 Core materials. In August 2018, LI-RADS was officially adopted into AASLD HCC Practice Guidance (Marrero et al. <i>Hepatology</i>. 2018 Aug;68(2):723-750. doi: 10.1002/hep.29913. PMID: 29624699). I was the first author on the editorial in <i>Radiology</i>, announcing the release of v2018, providing rationale for its creation, and highlighting diagnostic criteria for LI-RADS CT/MRI, CEUS, US and Treatment Response algorithms (<u>Other Peer Reviewed Scholarship Section Ref 26</u>); this editorial received 127 citations to date. The LI-RADS v2018 Core is available for free on the ACR website (https://www.acr.org/-/media/ACR/Files/RADS/LI-RADS/LI-RADS-2018-Core.pdf); the site has received 69,498 visits between August 1, 2018 and February 19, 2021.</p> <p>As the result of my dedication, drive and ongoing commitment to LI-RADS, I was appointed the vice chair of the LI-RADS Steering Committee in July 2018. I became a co-chair of the Steering Committee in June 2019, and the chair of the Steering Committee in June 2020. As the chair of the Steering Committee, I set the vision for the future development of LI-RADS, and lead multinational consortium of over 250 experts from over 100 institutions from 30 countries as we continue to improve the system and expand to addresses the entire spectrum of liver cancer imaging. Additionally, I am working with leaders of national organizations (AASLD and Organ Procurement and Transplantation Network [OPTN]), as well as international organizations (such as</p>	<p>2016-</p>

European Association for the Study of the Liver [EASL], Korean Radiologic Society, Asian Pacific Association for the Study of the Liver [APASL]), and we are making strides towards a long-term goal of development of a unified diagnostic algorithm, which could be adapted around the world. Finally, I am the sole diagnostic radiologist on the AASLD Practice Parameter HCC Expert Panel. As the member of this panel and the current leader of LI-RADS, I successfully lobbied for LI-RADS to be incorporated into the AASLD-approved practice parameter metrics. This approval will promote clinical adoption of LI-RADS by centers across the United States.

My research contributed to the refinement of LI-RADS. I led the study (Ref 27) which demonstrated the utility of threshold growth as a major feature of LI-RADS, and as a result of that, threshold growth was retained as a major feature for diagnosis of liver cancer, despite some colleagues advocating for its removal. My other studies have impacted future development of LI-RADS: Ref 29 demonstrated the considerable discordance of categorization between the CT and MRI, likely needing different algorithms for these modalities. Additionally, we studied the impact of LI-RADS v2018 on HCC staging by comparing it to staging based on OPTN criteria (Ref 31). Future releases of LI-RADS, and potential incorporation of LI-RADS into OPTN, will be shaped by these data.

LI-RADS Manual

As the co-chair of the v2017/v2018 Writing Group, I co-led the development of the LI-RADS Manual by leading team meetings, coordinating the teams assigned to different topics, distributing material for critical feedback, and collecting comments and suggestions from the group. As the first author of five chapters (Professional Educational Materials Section, Ref 4, 14-17), I led the teams assigned to these topics, and was the primary creator of the materials for these chapters. As the co-editor of the entire manual (Professional Educational Materials Section, Ref 1), I synthesized materials and feedback received from all contributors, and reviewed and edited every page of the manual prior to its final release. The LI-RADS v2018 manual consists of 823 pages covering broad topics of liver imaging (e.g., liver anatomy, cirrhosis, hepatocarcinogenesis, cirrhosis-associated lesions, HCC staging), and LI-RADS-specific topics (e.g., treatment response, technique, use of HBAs, and imaging features). It is available free of charge through the ACR website (<https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/LI-RADS-2018-Manual-5Dec18.pdf>). Between January 1, 2019 and February 19, 2021, the website for LI-RADS Manual has received 9,865 visits.

LI-RADS Lexicon and Writing Group

Unification of imaging criteria in patients with or at risk for HCC requires strong scientific evidence supporting the changes. Currently, data synthesis can be hindered by the variability of the terminology used in various studies. For example, slight variations in the definitions of the imaging features between studies may result in the pooled data that is too heterogeneous to make valid conclusions. To counteract that, I co-chair the LI-RADS Lexicon and Writing Group, which is developing a clear and concise lexicon that can be adopted by the scientific community worldwide. This lexicon contains rigorously vetted terms utilized in liver imaging, and, once adapted by the scientific community, will lead to accumulation of more homogeneous data in the future. The initial version of the lexicon was released in January 2020, and is available on the ACR website (<https://www.acr.org/-/media/ACR/Files/RADS/LI-RADS/Lexicon-Table-2020.pdf>); the page received 4,862 visits between its release and February 19, 2021. The updated lexicon is going through the final stages of review and approval by the Steering Committee, and will be released in

<p>March 2021.</p> <p>LI-RADS Educational Module</p> <p>Education is crucial for dissemination of LI-RADS and its implementation in routine clinical care in settings beyond specialty tertiary academic centers. I am actively involved in national and international educational efforts (Ref 35 and 37) on LI-RADS. Additionally, I was a co-PI on the ACR Innovation grant. Through this grant, I developed the LI-RADS v2018 training module. The module can be accessed through the ACR site, and it includes pre-test, didactic educational materials, and a post-test. Upon completion, the user is awarded 5 SAM CME credits. Between January 1, 2019 and February 15, 2021, 518 participants have completed the LI-RADS education module.</p> <p>ACR Assist LI-RADS Module</p> <p>Standardization of imaging criteria is only one piece of the puzzle, and it needs to be supported by clear and standardized reporting. One of my studies demonstrated that the use of structured reporting for HCC results in consistent and unequivocal reporting of all needed elements in nearly 100% of cases (Ref 26).</p> <p>The perceived complexity of LI-RADS may be prohibitive to adopting LI-RADS into a busy clinical practice, particularly in centers without high liver imaging expertise. ACR Assist, common data elements (CDE) decision support tool, was created to improve clinical adoption of -RADS. I worked with the ACR IT team to create a LI-RADS ACR Assist Module. Once the schema was completed, I vetted all iterations, and confirmed 100% fidelity of the module to the LI-RADS v2018 algorithms. The LI-RADS ACR Assist module was finalized in August 2019, was validated in clinical environment in December of 2020, and was released to commercial dictation software companies (Nuance and M-Modal) for clinical implementation.</p> <p>Impact of LI-RADS:</p> <p>The impact of LI-RADS has been transformative. The leading system for diagnosing liver cancer worldwide, LI-RADS is now used routinely for clinical care throughout the United States and in growing parts of Latin America, Europe, Asia, and Oceania. It has been translated into Spanish, French, Italian, Portuguese, German, Japanese, Korean, Simplified Chinese, and Traditional Chinese. To date, over 380 peer-reviewed manuscripts on LI-RADS have been published. Major radiology societies such as the Radiological Society of North America have organized entire scientific sessions on LI-RADS. Abdominal Radiology, the flagship journal for the leading scientific society for abdominal imaging, dedicated its entire January 2018 issue to LI-RADS. The 2017 NCCN guidelines for liver cancer included LI-RADS. In 2018, the AASLD, the most important and influential hepatology organization worldwide, endorsed LI-RADS for managing liver cancer. UpToDate, a web-based clinical decision support resource, also endorsed LI-RADS in 2018.</p>	
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Clinical Leadership

<i>Include year(s), leadership role, and description of activity/program, i.e. director/head of service/clinic or procedure area.</i>	Dates
Director, Abdominal Magnetic Resonance Imaging Montefiore Medical Center	2008-2021
Interim Section Chief/Abdominal Imaging Section, Montefiore Medical Center	2018-2021
Director of Oncologic Imaging, Department of Radiology, BIDMC	2021-current

L. RESEARCH

Research Activities *In a paragraph or bullet points (up to 300 words), please describe your research interests and activities, including relevant dates. Please do not include research support/funding here. If you completed a “Statement of Key Contributions,” this may be omitted.*

Research Support

Current Research Funding

Duplicate table below as needed. For each funding vehicle, please include the following:

Award Source: <i>(funding agency, type of grant)</i>	American College of Radiology Fund for Collaborative Research in Imaging (FCRI)
Project title:	LI-RADS Research Registry: A multi-institutional liver imaging registry
Name of Principal Investigator:	Victoria Chernyak, Claude Sirlin
Your role in project:	Co-principal investigator
Your percent (%) effort:	7%
Annual direct costs:	\$200,000 equally divided between UCSD and BIDMC
Duration of support:	7/2021-7/2022
The major goals of this project are:	<ul style="list-style-type: none"> - To develop a multi-institutional liver imaging registry - To establish a combination of non-LI-RADS imaging features that are associated with prognosis in patients with hepatocellular carcinoma

Please annotate multi-investigator, program project, and center grants (P50 etc.) to clarify your role on the projects (PI, site PI, project leader, core director, etc.).

Past (Completed) Funding

Please summarize as for current projects: Duplicate table below as needed

<i>Source-type: SOL-R01 clinical trial</i>
<i>Duration: 2019-2020</i>
<i>Role: Abdominal MRI expert</i>
<i>Source-type: American College of Radiology Innovation Fund “RADS-Train: A quality improvement and training initiative to improve adherence to ACR’s Reporting and Data Systems (RADS)”</i> <i>\$99,650 grant is awarded to develop an interactive teaching module on LI-RADS consisting of both didactic and case-based activities.</i>
<i>Duration: 2019-2020</i>
<i>Role: Co-principal investigator (along with Dr. S. Goldberg-Stein)</i>
<i>Source-type: “Non-alcoholic Fatty Liver Disease and Cardiovascular Disease in Hispanics/Latinos” R01</i>
<i>Duration: 2019-2021</i>
<i>Role: Radiology Investigator, 1% FTE support</i>
<i>Source-type: American College of Radiology Innovation Fund “Validation and application of ACR assist in the development of a structured reporting model”</i> <i>\$99,650 grant is awarded to develop an ACR Assist module on LI-RADS; the award was equally divided between UCSD, UCSF and Montefiore</i>
<i>Duration: 2018-2020</i>

Role: Sub-contract PI (primary PI: Dr. C. Sirlin, UCSD)

Pending Funding: N/A
Patents & Inventions: N/A

M. MENTORING

Mentorship is a longitudinal, collaborative learning relationship to help the mentee or protégé succeed. Mentoring can be provided within many formats, including one-to-one, small groups, or large group workshops or lectures, which cover any topic directly related to the mentee’s career development.

Please list trainees and faculty that you have formally supervised. Individuals listed in this section should be those supervised in a research, teaching or clinical setting. List only those on whose careers you have had a substantial impact. Do not indicate those for whom you have provided general career advice. This section may be annotated to provide more information.

If this is the candidate’s first faculty appointment at WCMC, please list mentoring contributions at institutions where the candidate previously held a faculty position.

Current Mentees

Duplicate table below as needed. For each mentee, please include the following:

Name	Abraham Bezuidenhout
Site/Position	Assistant Professor of Radiology, Harvard Medical School; BIDMC
Expected Period (mm/yyyy-mm/yyyy)	1/1/2022 - current
Project/Accomplishments**	Faculty mentorship program - Mentorship through grant funding application - Sponsorship for international conference faculty participation
Goals/expected Outcomes	Academic promotion
Type of Supervision (Research, clinical, teaching, leadership)	Research, clinical, leadership
Name	Charissa Kim
Site/Position	PGY-2
Expected Period (mm/yyyy-mm/yyyy)	1/1/2022 - current
Project/Accomplishments**	Correlation of pathologic subtypes of HCC with non-LI-RADS imaging features
Goals/expected Outcomes	Mini grant submission
Type of Supervision (Research, clinical, teaching, leadership)	Research

Past Mentees:

Duplicate table below as needed. For each mentee, please include the following:

Name	Vikash Panghaal
Site/Position	Montefiore Medical Center, PGY-4
Mentoring Period	2009
Project/Accomplishments	Project: Adnexal Involvement in Patients with Diverticulitis: CT Features <u>Abstract Presentation:</u> Scientific abstract presentation at Society of GI Radiologists/Society of Uroradiologists (SGR/SUR) Annual Meeting 2009, presented by mentee <u>Publication:</u> Reference 6; mentee 1 st author

<i>Current Position</i>	Radiology Attending, CareMount Medical, NY
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Erica Poletto
<i>Site/Position</i>	Montefiore Medical Center, PGY-4
<i>Mentoring Period</i>	2009
<i>Project/Accomplishments</i>	<p>Project: Mesoaoortic Narrowing of the Left Renal Vein on CT Angiography in an Asymptomatic Adult Population: a Normal Finding, not a Nutcracker Syndrome <u>Abstract Presentation:</u> Oral presentation at European Society of Uroradiology Annual Meeting 2010; mentee 1st author Oral presentation at the Annual Radiology Resident Research Day</p>
<i>Current Position</i>	Pediatric radiology fellowship program director, St. Christopher Hospital for Children Assistant professor Drexel University College of Medicine
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Viktoriya Paroder
<i>Site/Position</i>	Montefiore Medical Center
<i>Mentoring Period</i>	2009-2017
<i>Project/Accomplishments</i>	<p>Project: Comparison of CT-Guided Core Needle Biopsy and Fine Needle Aspiration in the Abdomen and Pelvis <u>Abstract Presentation:</u> Oral presentation at European Society of Uroradiology Annual Meeting 2010; mentee 2nd author Oral presentation at the Annual Radiology Resident Research Day</p> <p>Project: Patients 65 years and older with incidental pancreatic cysts: Is there a relationship between all-cause mortality and imaging follow-up? <u>Abstract Presentation:</u> Oral presentation at Radiological Society of North America Annual Meeting 2014; presented by mentee <u>Publication:</u> Reference 21</p> <p>Project: Limitations of GD-EOB-DTPA-enhanced MRI: can clinical parameters predict suboptimal hepatobiliary phase? <u>Publication:</u> Reference 24</p> <p>Project: Transient arterial phase respiratory motion-related artifact in MR imaging of the liver: an analysis of four different gadolinium-based contrast agents. <u>Publication:</u> Reference 25</p>
<i>Current Position</i>	Director, Rockefeller Pavilion Imaging Center; Director, esophageal and gastric DMT, MSKCC Assistant Professor of Radiology, Weil Cornell Medical Center

<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research, clinical, teaching, leadership
<i>Name</i>	Jane Kim
<i>Site/Position</i>	Montefiore Medical Center, PGY-4
<i>Mentoring Period)</i>	2010-2011
<i>Project/Accomplishments*</i> *,	Project: Hepatic enhancement during the hepatobiliary phase after gadoxetate disodium administration in patients with chronic liver disease: The role of laboratory factors. <u>Publication:</u> Reference 10
<i>Current Position</i>	Radiology Attending, Children's National Hospital
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Robert J. Dym
<i>Site/Position</i>	Montefiore Medical Center, PGY-6
<i>Mentoring Period</i>	2010-2011
<i>Project/Accomplishments*</i> *,	Project: MR imaging of renal collecting system with gadoxetate disodium: feasibility for MR urography. <u>Abstract Presentation:</u> Oral presentation at Society of GI Radiologists/Society of Uroradiologists (SGR/SUR) annual meeting 2011; presented by mentee <u>Publication:</u> Reference 13; mentee 1 st author
<i>Current Position</i>	Section Chief, Division of ED Radiology; Associate Professor of Radiology, Rutgers Health UMDNJ
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Jocelyn Scheinert
<i>Site/Position</i>	Montefiore Medical Center, PGY-4
<i>Mentoring Period)</i>	2012
<i>Project/Accomplishments*</i> *,	Project: Renal parenchymal contrast retention on unenhanced CT in patients after transcatheter arterial chemoembolization of hepatic tumors. <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2012; presented by mentee Project: High attenuation ascites on unenhanced CT following transcatheter hepatic arterial chemoembolization. <u>Abstract Presentation:</u> Oral presentation at Society of GI Radiologists/Society of Uroradiologists (SGR/SUR) Annual Meeting 2012; presented by mentee
<i>Current Position</i>	Radiologist, Mid-Atlantic Permanente Medical Group
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Milana Flusberg
<i>Site/Position</i>	Montefiore Medical Center, Junior faculty

<i>Mentoring Period</i>	2013-2018
<i>Project/Accomplishments*</i> *,	<p>Project: Improved parenchymal liver enhancement with extended delay on Gd-EOB-DTPA-enhanced MRI in patients with parenchymal liver disease: associated clinical and imaging factors. <u>Publication:</u> Reference 18</p> <p>Project: T1-hyperintense renal lesions: can high signal predict lack of enhancement? <u>Publication:</u> Reference 19</p> <p>Project: Diagnosis of acute cholecystitis: why do patients get multiple studies? <u>Publication:</u> Reference 20</p> <p>Project: Patients 65 years and older with incidental pancreatic cysts: Is there a relationship between all-cause mortality and imaging follow-up? <u>Publication:</u> Reference 21; mentee 1st author</p> <p>Project: Pancreatic cysts: What imaging characteristics are associated with development of pancreatic ductal adenocarcinoma? <u>Publication:</u> Reference 22</p> <p>Project: Transient arterial phase respiratory motion-related artifact in MR imaging of the liver: an analysis of four different gadolinium-based contrast agents. <u>Publication:</u> Reference 25</p> <p>Project: Impact of a structured report template on the quality of CT and MRI reports for hepatocellular carcinoma diagnosis. <u>Publication:</u> Reference 26; mentee 1st author</p> <p>Project: Effect of threshold growth as a major feature on LI-RADS categorization. <u>Publication:</u> Reference 27</p> <p>Project: Liver Imaging Reporting and Data System: Discordance between CT and gadoxetate-enhanced MR for detection of hepatocellular carcinoma major features. <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2016; presented by mentee <u>Publication:</u> Reference 29</p> <p>Project: Liver Imaging Reporting and Data System v2018: Impact on Categorization and Hepatocellular Carcinoma Staging. <u>Publication:</u> Reference 31</p>
<i>Current Position</i>	Residency Program Director; Section Chief – Division of Abdominal Radiology Associate Professor of Radiology, Westchester Medical Center
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research, clinical, leadership

<i>Name</i>	Yonah Esterson
<i>Site/Position</i>	Albert Einstein College of Medicine, MS-4
<i>Mentoring Period</i>	2013-2014
<i>Project/Accomplishments*</i> *,	Project: Clinical factors associated with improved parenchymal liver enhancement on Gd-EOB-DTPA-enhanced MRI with extended delay time in patients with parenchymal liver disease. <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2014; presented by mentee <u>Publication:</u> Reference 18; mentee 1 st author
<i>Current Position</i>	Clinical Assistant Professor, University of Maryland School of Medicine
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Jenna Le
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2013-2015
<i>Project/Accomplishments*</i> *,	Project: T1-Hyperintense Renal Lesions: Can High Signal Predict Lack of Enhancement? <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2015; presented by mentee <u>Publication:</u> Reference 19; mentee 1 st author
<i>Current Position</i>	Assistant Professor of Radiology, Montefiore Medical Center
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Alexander Gavlin
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2013-2015
<i>Project/Accomplishments*</i> *,	Project: Diagnostic Yield of Abdominal CT in Patients with Sickle Cell Disease Presenting to the Emergency Department for Evaluation of Abdominal Pain. <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2015; presented by mentee
<i>Current Position</i>	Assistant Professor of Radiology, Weil Cornell Medical Center
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	David Ginsburg
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2013-2015
<i>Project/Accomplishments*</i> *,	Project: Diagnosis of acute cholecystitis: why do patients get multiple studies? <ul style="list-style-type: none"> • <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2015; presented by mentee <u>Publication:</u> Reference 20; mentee 1 st author
<i>Current Position</i>	Radiologist, Hudson Valley Radiology Associates

<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Anirudh Paspulati
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2014-2015
<i>Project/Accomplishments*</i> *,	Project: Can Hepatobiliary Phase and T2W Alone Exclude HCC? <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2016; presented by mentee
<i>Current Position</i>	Radiology Attending, Northwell Health
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Amy Law
<i>Site/Position</i>	Montefiore Medical Center, PGY-2
<i>Mentoring Period</i>	
<i>Project/Accomplishments*</i> *,	Project: LI-RADS: Comparison of major criteria on CT and MR <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2016; presented by mentee <u>Publication:</u> Reference 29
<i>Current Position</i>	Radiologist, CP Advanced Imaging
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Mansi Shah
<i>Site/Position</i>	Montefiore Medical Center, PGY-4
<i>Mentoring Period</i>	2014-2016
<i>Project/Accomplishments*</i> *,	Project: Transient arterial phase respiratory motion-related artifact in MR imaging of the liver: an analysis of four different gadolinium-based contrast agents. <u>Abstract Presentation:</u> Oral presentation at American Roentgen Ray Society Annual Meeting 2015; presented by mentee <u>Publication:</u> Reference 25; mentee 1 st author
<i>Current Position</i>	Radiologist, University Radiology Group
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Mariya Kobi
<i>Site/Position</i>	Montefiore Medical Center, Junior faculty
<i>Mentoring Period</i>	2015-2020
<i>Project/Accomplishments*</i> *,	Project: Patients 65 years and older with incidental pancreatic cysts: Is there a relationship between all-cause mortality and imaging follow-up? <u>Publication:</u> Reference 21 Project: Pancreatic cysts: What imaging characteristics are associated with development of pancreatic ductal adenocarcinoma? <u>Publication:</u> Reference 22

	<p>Project: Limitations of GD-EOB-DTPA-enhanced MRI: can clinical parameters predict suboptimal hepatobiliary phase? <u>Publication:</u> Reference 24; mentee 1st author</p> <p>Project: Impact of a structured report template on the quality of CT and MRI reports for hepatocellular carcinoma diagnosis. <u>Publication:</u> Reference 26</p> <p>Project: Effect of threshold growth as a major feature on LI-RADS categorization. <u>Publication:</u> Reference 27</p>
<i>Current Position</i>	Associate Residency Program Director; Abdominal Imaging Fellowship Director; Interim Section Chief – Division of Abdominal Imaging Associate Professor of Radiology, Montefiore Medical Center
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research, clinical, teaching, leadership
<i>Name</i>	Kate Fruitman
<i>Site/Position</i>	College student, NYU
<i>Mentoring Period</i>	2015-2017
<i>Project/Accomplishments*</i> *,	<p>Project: Effect of threshold growth as a major feature on LI-RADS categorization. <u>Publication:</u> Reference 27</p> <p>Project: Liver Imaging Reporting and Data System v2018: Impact on Categorization and Hepatocellular Carcinoma Staging. <u>Publication:</u> Reference 31</p>
<i>Current Position</i>	Medical student, Weil Cornell School of Medicine
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Jeremy Ganelis
<i>Site/Position</i>	Montefiore Medical Center, PGY-2
<i>Mentoring Period</i>	2015-2017
<i>Project/Accomplishments*</i> *,	<p>Project: Impact of a structured report template on the quality of CT and MRI reports for hepatocellular carcinoma diagnosis. <u>Publication:</u> Reference 26</p>
<i>Current Position</i>	Radiology Attending, Einstein Healthcare
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Jason Birnbaum
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2018-2020
<i>Project/Accomplishments*</i> *,	<p>Project: Positive Perfusion: How Often Does it Affect the PI-RADS Score in Clinical Practice? <u>Abstract Presentation:</u> Oral presentation at Society of Abdominal</p>

	<p>Radiology Annual Meeting 2019; presented by mentee</p> <p>Project: Prevalence of LI-RADS v2018 Categories on CT and MRI Done for Hepatocellular Carcinoma Screening in High-risk Patients <u>Abstract Presentation:</u> Oral presentation at the Annual Radiologic Society of North America meeting 2020; presented by mentee</p> <p>Project: What Proportion of Clinically Reported LI-RADS 5 Observations Do Not Meet LI-RADS 5 Criteria? <u>Abstract Presentation:</u> al presentation at the Annual Radiologic Society of North America meeting 2020; presented by mentee</p> <p>Under my supervision, Dr. Birnbaum joined the LI-RADS Steering Committee as a member-in-training</p>
<i>Current Position</i>	Abdominal MRI fellow, NYU
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research, leadership
<i>Name</i>	Jesse Berman
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2018-2019
<i>Project/Accomplishments*</i> *,	<p>Project: Liver Imaging Reporting and Data System: Frequency of Category Adjustment Using Ancillary Features on CT and MRI in Clinical Practice. <u>Abstract Presentation:</u> Oral presentation at the Annual Radiologic Society of North America meeting 2018; presented by mentee</p> <p>Project: Liver Imaging Reporting and Data System v2018: Impact on Categorization and Hepatocellular Carcinoma Staging <u>Publication:</u> Reference 31</p>
<i>Current Position</i>	Abdominal imaging fellow, Stanford University
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Orly Haken
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2019
<i>Project/Accomplishments*</i> *,	Project: CT-Based Imaging Features Predictive of Local Progression of Hepatocellular Carcinoma after TACE
<i>Current Position</i>	Fellow, Mammography; John Hopkins University
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Gabriel Nemzow
<i>Site/Position</i>	Montefiore Medical Center, PGY-3
<i>Mentoring Period</i>	2020
<i>Project/Accomplishments*</i> *,	Project: Utility of Pelvic CT in Patients Undergoing Surveillance for Hepatocellular Carcinoma

<i>Current Position</i>	Abdominal Imaging Fellow, Mt Sinai Medical Center
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research
<i>Name</i>	Adam Fink
<i>Site/Position</i>	Montefiore Medical Center, PGY-4
<i>Mentoring Period</i>	2020
<i>Project/Accomplishments*</i> *,	Project: Abdominopelvic CT findings in patients with novel coronavirus disease 2019 (COVID-19). Publication: Reference 34
<i>Current Position</i>	Abdominal imaging fellow, MGH
<i>Type of Supervision (Research, clinical, teaching, leadership)</i>	Research

***Please list publications, awards, grants, development of new clinical programs or course, and other scholarly products arising directly from the mentoring activity (if applicable); indicate shared publications by numbered entries in this CV.*

Institutional Training Grants and Mentored Trainee Grants Duplicate table below as needed. Examples include serving as PI or Mentor on T32, K01, K08, K23 or other mentored grants.

Award Source: <i>(funding agency, type of grant)</i>	
Project title:	
Duration of support: <i>(mm/yyyy-mm/yyyy)</i>	

Other mentoring activities Describe activity; indicate dates.

N. INSTITUTIONAL LEADERSHIP ACTIVITIES

Please list activities at WCM and NYP or at previously employed institutions, including division or department positions, directorships, deanships, chairmanships/service on major intramural committees.

<i>Role(s)/Position</i>	<i>Institution/Location</i>	<i>Dates (yyyy-yyyy)</i>
Director, Abdominal Magnetic Resonance Imaging	Montefiore Medical Center Bronx, NY	07/2008-03/2021
Interim Section Chief of Abdominal Imaging Section	Montefiore Medical Center Bronx, NY	05/2018-03/2021
Director of Oncologic Imaging, Department of Radiology	BIDMC Boston, MA	4/2021-current

O. INSTITUTIONAL ADMINISTRATIVE ACTIVITIES

List administrative activities/service to the Medical College, such as service on Departmental/Divisional committees or membership on institutional committees.

Examples of institutional committees include WCM Admissions Committee, Institutional Review Board (IRB), Institutional Animal Care and Utilization Committee (IACUC), Data Safety and Monitoring Committees (DSMC), and Protocol Review and Monitoring Committee (PRMC), Credentials Committee, Patient Quality and Safety, Malpractice Committee.

<i>Name of Committee</i>	<i>Role (i.e. member, secretary, chair, etc.)</i>	<i>Dates (yyyy-yyyy)</i>
Committee for Appointments and Promotions to Associate Professor at Albert Einstein College of Medicine	Ad Hoc Chair	2014
Committee for Appointments and Promotions to Associate Professor at Albert Einstein College of Medicine	Member	2015-2016
Epidemiology Subcommittee for Clinical Research Training Program Curriculum Reform at Albert Einstein College of Medicine	Member	2016-2017
Committee for Appointments and Promotions to Full Professor at Albert Einstein College of Medicine	Member	2019-2020

P. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

Leadership in Extramural Organizations

Service on Boards and/or Committees

Regional

<i>Name of Committee</i>	<i>Role (i.e. member, secretary, chair, etc.)</i>	<i>Organization Institution/Location</i>	<i>Dates (yyyy-yyyy)</i>
N/A			

National

<i>Name of Committee</i>	<i>Role (i.e. member, secretary, chair, etc.)</i>	<i>Organization Institution/Location</i>	<i>Dates (yyyy-yyyy)</i>
Hepatobiliary Agents Working Group, Liver Imaging Reporting and Data System (LI-RADS)	Member	ACR (American College of Radiology)	2013-2017
Panel on Appropriateness Criteria-Gastrointestinal Imaging	Member	ACR	2016-2019
LI-RADS Steering Committee	Member	ACR	2016-
Reporting Working Group, LI-RADS	Chair	ACR	2017-2018
v2017/v2018 Writing Group	Co-Chair	ACR	2017-2018
LI-RADS Steering Committee	Vice Chair	ACR	2018-2019
LI-RADS Steering Committee	Co-Chair	ACR	2019-2020
LI-RADS Lexicon and Writing Working Group	Co-Chair	ACR	2020-current
LI-RADS Steering Committee	Chair	ACR	2020-current
Disease Focused Panel: HCC Diagnosis	Member	SAR (Society of Abdominal Radiology)	2015-2017
Disease Focused Panel: Pelvic Floor Dysfunction	Member	SAR	2017-
Disease Focused Panel: Pelvic Floor Dysfunction	Vice-Chair	SAR	2018-2019
Disease Focused Panel: Pelvic Floor Dysfunction	Co-Chair	SAR	2019-2022
Annual Meeting Council's Scientific Program Committee	Member	SAR	2019-
ACR-SAR-SPR Practice Parameter for the	Member	SAR	2019-

Performance of Magnetic Resonance Imaging of the Liver, SAR-ACR Collaborative Committee			
OLA GI Committee	Member and Item Writer	ABR (American Board of Radiology)	2017-2019
General Radiology OLA Committee	Member and Item Writer	ABR	2020-current
Instructional Course on GU Imaging	Chair	ARRS (American Roentgen Ray Society)	2019-current
ARRS Fall Symposium on Body MRI Educational Committee	Director	ARRS	2021
	Member	SABI (Society for Advanced Body Imaging)	2019-current
Subcommittee of Webinar Educational Program, Educational	Chair	SABI	2019-current
Annual Meeting Planning Committee	Member	SABI	2022
Practice Parameter HCC Expert Panel	Member	AASLD (American Association for the Study of Liver Diseases)	2019-2020
Panel on Appropriateness Criteria-Gastrointestinal Imaging	Member	ACR	2022-current
-RADS Steering Committee	Member	ACR	2022-current

International

<i>Name of Committee</i>	<i>Role (i.e. member, secretary, chair, etc.)</i>	<i>Organization Institution/Location</i>	<i>Dates (yyyy-yyyy)</i>
Scientific committee	Member and abstract reviewer	ISMRM (International Society of Magnetic Resonance in Medicine)	2019-current
Body MRI Study Group	Member	ISMRM	2021-current

Grant Reviewing/Study Sections: N/A

Editorial Activities

Journal Reviewing/ad hoc reviewing

<i>Journal / Organization Name</i>	<i>Dates (yyyy-yyyy)</i>
Journal of Magnetic Resonance Imaging	2013 – current
Clinical Imaging	2013 – current
Current Problems in Diagnostic Radiology	2015 – current
Abdominal Radiology	2017 – current
European Radiology	2017 – current
Academic Radiology	2017 – current
Journal of Urology	2017
British Journal of Radiology	2017
Digestive and Liver Disease	2017
Magnetic Resonance Imaging	2018 – current
European Journal of Radiology	2018 – current
American Journal of Radiology	2018 – current
Radiology	2019 – current

International Urogynecology Journal	2019
The Lancet Gastroenterology & Hepatology	2019 - current
Journal of Hepatocellular Carcinoma	2020 - current
Journal of Computer Assisted Tomography	2021
Hepatology	2021 - current
Clinical Gastroenterology and Hepatology	2021 - current
Liver International	2021 - current
Radiographics	2021 - current
Hepatology Communications	2021
Journal of Hepatocellular Carcinoma	2020 - current

Editor/Co-Editor: N/A

Editorial Board Membership

<i>Board / Organization Name</i>	<i>Dates (yyyy-yyyy)</i>
Associate Editor, <i>Journal of Magnetic Resonance Imaging</i>	2017 - 2019
Subject Editor - Abdominal Imaging Section, <i>Clinical Imaging</i>	2017 - current
Scientific Editorial Board member for Oncology Section, <i>European Radiology</i>	2018 - current
Deputy Editor, <i>Journal of Magnetic Resonance Imaging</i>	2019 - current
Associate Editor, <i>Abdominal Imaging</i>	2020 -current
Associate Editor, <i>American Journal of Roentgenology</i>	2020 -2021

Q. INVITED AND/OR PEER-SELECTED PRESENTATIONS

(Please list extramural invited activities such as presentations, grand rounds, research seminars, and lectures at meetings of professional organizations, as well as abstracts)

Regional

<i>Title</i>	<i>Institution/Location</i>	<i>Dates (yyyy)</i>
<u>GI/GU Resident Lecture and Board Review</u>	Department of Radiology St. Vincent's Medical Center Bridgeport, CT	2012
<u>Board Review</u>	Department of Radiology SUNY-Downstate Medical Center Brooklyn, NY	2012
<u>GI/GU Resident Lecture and Board Review</u>	Department of Radiology St. Vincent's Medical Center Bridgeport, CT	2012
<u>Board Review</u>	Department of Radiology Maimonides Medical Center Brooklyn, NY	2012
<u>GI/GU Resident Lecture (monthly) and Board Review</u>	Department of Radiology St. Vincent's Medical Center Bridgeport, CT	2012-2018
<u>GI/GU Resident Lecture (monthly) and Board Review</u>	Department of Radiology Bridgeport Hospital Bridgeport, CT	2013-2018
<u>Board Review</u>	Department of Radiology	2013

	Maimonides Medical Center Brooklyn, NY	
<u>Board Review</u>	Department of Radiology SUNY Downstate Medical Center Brooklyn, NY	2013
<u>Imaging of Prostate Cancer with MRI</u>	Department of Radiology Grand Rounds, Staten Island University Hospital Staten Island, NY	2013
<u>Imaging After Loco Regional Therapy: Techniques And Pitfalls</u>	Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2014
<u>Imaging Of The Cirrhotic Patient: When Is A Biopsy Indicated?</u>	Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2014
<u>Imaging Assessment of Treatment Response</u>	Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2015
<u>Pre-Intervention Imaging: Understanding The Liver Imaging Reporting And Data System (LI-RADS)</u>	Advanced Interventional Management (AIM) Symposium CME Course NYC, NY	2016
<u>MRI Requirements and LI-RADS System for Radiographic Diagnosis of Hepatocellular Carcinoma</u>	Update on Hepatocellular Carcinoma and Liver Transplantation CME Course Milton, NY	2017
<u>MRI for Prostate Cancer</u>	WPH Symposium: Saving the urinary tract—tissue preservation and novel technology CME Course White Plains, NY	2017
<u>LI-RADS Categorization</u>	Update on Hepatocellular Carcinoma CME Course Nyack, NY	2017
<u>LI-RADS: an MRI Primer</u>	CME Course Advanced Interventional Management (AIM) Symposium NYC, NY	2017
<u>Use of Gadoxetate in Patients with Cirrhosis and its Implications for LI-RADS</u>	Grand Rounds, Columbia University Department of Radiology NYC, NY	2017
<u>Pancreatic Cancer: Defining Resectable, Borderline Resectable And Locally Advanced Disease</u>	CME Course Advanced Interventional Management (AIM) Symposium NYC, NY	2018
<u>Management Implications of LI-RADS Categories</u>	CME Course Advanced Interventional Management (AIM)	2018

	Symposium NYC, NY	
<u>Pelvic Floor Assessment using Dynamic MRI</u>	Grand Rounds, UMDNJ – University Hospital Newark, NJ	2018
<u>Common Liver Masses: Enhancement Pattern Recognition</u>	New York Roentgen Society Monthly Resident Session NYC, NY	2018
<u>Use of Gadaxetate in Patients with Cirrhosis and its Implications for LI-RADS</u>	Grand Rounds, Jacobi Medical Center Department of Radiology NYC, NY	2018
<u>HCC diagnosis and the applications of the LI-RADS algorithm</u>	New York Roentgen Ray Society Annual Meeting NYC, NY	2018
<u>Resident Session: Body Imaging</u>	Moderator New York Roentgen Society Monthly Resident Session NYC, NY	2018
<u>Hepatobiliary agents and LI-RADS: An Update</u>	New York Roentgen Ray Society Annual meeting NYC, NY	2019
<u>LI-RADS Algorithm</u>	New York Roentgen Society Monthly Resident Session NYC, NY	2020
<u>Improving efficiency of email communication</u>	Grand Rounds Brigham and Women’s Hospital Boston, MA	2021
<u>Improving (email) communication</u>	Grand Rounds Beth Israel Deaconess Medical Center Boston, MA	2021
<u>CT/MRI LI-RADS</u>	Grand Rounds Join Grand Rounds for Massachusetts General Hospital and Brigham and Women’s Hospital Boston, MA	2022
<u>Outcomes of cirrhosis-associated lesions diagnosed on imaging</u>	Liver Cancer Symposium Beth Israel Deaconess Medical Center Boston, MA	2022

National

<i>Title</i>	<i>Institution/Location</i>	<i>Dates (yyyy)</i>
<u>Dynamic MRI of the Pelvic Floor</u>	Grand Rounds Baylor College of Medicine, Department of Radiology Presented by Singleton Associates, PA Houston, TX	2012
<u>GI High Yield Topics Lecture</u>	Faculty Member 2 nd Annual Las Vegas Radiology Review Course Las Vegas, NV	2012

<u>GI Board Review Session (case-based)</u>	Faculty Member 2 nd Annual Las Vegas Radiology Review Course Las Vegas, NV	2012
<u>Imaging of the Pelvic Floor Disorders Using Dynamic Pelvic MRI</u>	Workshop Society of Abdominal Radiology Annual Meeting Scottsdale, AZ	2012
<u>Use of the Gadoteric Acid (Eovist) in Cirrhosis</u>	SAM Workshop Society of Abdominal Radiology Annual Meeting Scottsdale, AZ	2012
<u>GI High Yield Topics Lecture</u>	Faculty Member 3 rd Annual Las Vegas Radiology Review Course Las Vegas, NV	2013
<u>GI Board Review Session (case-based)</u>	Faculty Member 3 rd Annual Las Vegas Radiology Review Course Las Vegas, NV	2013
<u>Imaging of the Pelvic Floor Disorders Using Dynamic Pelvic MRI</u>	Workshop Society of Abdominal Radiology Annual Meeting Maui, HI	2013
<u>Eovist in Cirrhosis</u>	SAM Workshop Society of Abdominal Radiology Annual Meeting Maui, HI	2013
<u>Eovist in Cirrhosis</u>	SAM Workshop Society of Abdominal Radiology Annual Meeting Boca Raton, FL	2014
<u>Imaging of the Pelvic Floor Disorders Using Dynamic Pelvic MRI</u>	Workshop Society of Abdominal Radiology Annual Meeting Boca Raton, FL	2014
<u>Imaging of the Pelvic Floor Disorders Using Dynamic Pelvic MRI</u>	Workshop Society of Abdominal Radiology Annual Meeting Boca Raton, FL	2015
<u>MR Imaging of Anal Canal</u>	Workshop Society of Abdominal Radiology Annual Meeting San Diego, CA	2015
<u>Imaging of the Pelvic Floor Disorders Using Dynamic Pelvic MRI</u>	Workshop Society of Abdominal Radiology Annual Meeting San Diego, CA	2015
<u>Eovist in Cirrhosis</u>	SAM Workshop Society of Abdominal Radiology Annual Meeting	2015

	San Diego, CA	
<u>Liver Imaging Reporting and Data System (LI-RADS): An Interactive Tutorial</u>	Workshop Society of Abdominal Radiology Annual Meeting Waikoloa, HI	2016
<u>How Do I Perform and Interpret MRI of Pelvic Floor Weakness?</u>	MR refresher course at Radiological Society of North America Annual Meeting Chicago, IL <i>Selected for SAM activity</i>	2016
<u>MR Imaging of Acute Abdomen and Pelvis</u>	Workshop Society of Abdominal Radiology Annual Meeting Hollywood, FL	2017
<u>How to Perform and Interpret MRI of Pelvic Floor Weakness?</u>	Visiting Professorship Department of Radiology University of California San Diego San Diego, CA	2017
<u>How Do I Perform and Interpret MRI of Pelvic Floor Weakness?</u>	MR refresher course at Radiological Society of North America Annual Meeting Chicago, IL • <i>Selected for RSNA Virtual Meeting</i> <i>Selected for SAM activity</i>	2017
<u>Case Review: Introduction to LI-RADS</u>	Hands-on workshop at Radiological Society of North America Annual Meeting Chicago, IL	2017
<u>Unknown Case Panel</u>	Plenary Session Society of Abdominal Radiology Annual Meeting Scottsdale, AZ	2018
<u>Tips, Templates, and Techniques for Successful Pelvic floor Imaging: Experience of the Pelvic Floor Disease Focus Panel</u>	Workshop Society of Abdominal Radiology Annual Meeting Scottsdale, AZ	2018
<u>Liver Imaging Reporting and Data System (LI-RADS®): Structured Reporting including Management Implications</u>	Workshop Society of Abdominal Radiology Annual Meeting Scottsdale, AZ	2018
<u>Improving Radiology Reporting</u>	Session Moderator ACR Annual Conference on Quality and Safety Boston, MA	2018
<u>RADS-Train: A quality improvement initiative to improve adherence to ACR's Reporting and Data Systems</u>	ACR Annual Conference on Quality and Safety Boston, MA	2018
<u>Liver Imaging Reporting and Data System (LI-RADS®): CT vs MRI</u>	Society of Computed Body Tomography & Magnetic Resonance Annual Meeting Washington, DC	2018

<u>Gastrointestinal: Advanced Liver MR Imaging Techniques</u>	Oral Scientific Session Moderator Radiologic Society of North America Annual Meeting Chicago, IL	2018
<u>Genitourinary: Benign Gynecologic Disease</u>	Oral Scientific Session Moderator Radiologic Society of North America Annual Meeting Chicago, IL	2018
<u>How Do I Perform and Interpret MRI of Pelvic Floor Weakness?</u>	MR refresher course Radiological Society of North America Annual Meeting Chicago, IL	2018
<u>LI-RADS Ancillary Features</u>	GI refresher course Radiological Society of North America Annual Meeting Chicago, IL	2018
<u>Pelvic floor imaging: Hands-on workshop</u>	Workshop organizer, moderator and presenter Society of Abdominal Radiology Annual Meeting Orlando, FL	2019
<u>LI-RADS: Practical approach to the algorithm</u>	SAM Course Society of Abdominal Radiology Annual Meeting Orlando, FL	2019
<u>HCC Diagnosis with LI-RADS: Update, Challenges and Opportunities</u>	Society of Interventional Radiology Annual Meeting Austin, TX	2019
<u>Use of gadoxetate in patients with cirrhosis</u>	American Roentgen Ray Society Annual Meeting Honolulu, HI	2019
<u>Pitfalls in female pelvis MRI</u>	American Roentgen Ray Society Annual Meeting Honolulu, HI	2019
<u>Pitfalls: pelvis MRI</u>	Education session moderator American Roentgen Ray Society Annual Meeting Honolulu, HI	2019
<u>Pitfalls in female pelvis MRI</u>	Grand Rounds, Jefferson University Hospital Philadelphia, PA	2019
<u>LI-RADS CT/MRI Diagnostic Algorithm</u>	Society of Advanced Body Imaging Educational Webinar	2019
<u>Gastrointestinal: Focal liver lesions, non-HCC</u>	Oral scientific session moderator Radiologic Society of North America Annual Meeting Chicago, IL	2019
<u>Building clinically useful CDEs</u>	Radiological Society of North America Annual Meeting Chicago, IL	2019

<u>Use of gadoxetate for liver MRI: The realist</u>	Radiological Society of North America Annual Meeting Chicago, IL	2019
<u>LI-RADS Ancillary Features</u>	Radiological Society of North America Annual Meeting Chicago, IL	2019
<u>LI-RADS: Practical approach to the algorithm</u>	SAM Course Society of Abdominal Radiology Annual Meeting Maui, HI	2020
<u>Best Cases of the ECC Multi-Peer Review Conference</u>	Plenary session Society of Abdominal Radiology Annual Meeting Maui, HI	2020
<u>LI-RADS Cases for the Experts</u>	Hands-On Workshop Presenter and moderator Society of Abdominal Radiology Annual Meeting Maui, HI	2020
<u>Pelvic Floor Imaging</u>	Organizer, presenter and moderator Hands-On Workshop Society of Abdominal Radiology Annual Meeting Maui, HI	2020
<u>Is It Me Or Them? How To Improve Communication In The Workplace</u>	Workshop Society of Abdominal Radiology Annual Meeting Maui, HI	2020
<u>PowerPoint presentation skills</u>	Moderator Society of Advanced Body Imaging Educational Webinar	2020
<u>Structured Reporting to Providers and Benefits of CDEs</u>	Plenary ACR Quality and Safety Meeting Virtual meeting	2020
<u>Building Clinically Useful CDEs</u>	Radiological Society of North America Annual Meeting Virtual meeting	2020
<u>Cancer Response</u>	Educational session moderator Radiological Society of North America Annual Meeting Virtual meeting	2020
<u>Translating Psyche to Interpersonal Communication</u>	Plenary session Society of Abdominal Radiology Annual Meeting Virtual meeting	2021
<u>Pelvic Floor DFP: An Update</u>	Plenary session Society of Abdominal Radiology Annual Meeting	2021

	Virtual meeting	
<u>LI-RADS: Practical approach to the algorithm</u>	SAM Course Society of Abdominal Radiology Annual Meeting Virtual meeting	2021
<u>Liver</u>	Oral scientific session moderator Society of Abdominal Radiology Annual Meeting Virtual meeting	2021
<u>Communication</u>	Expert panel discussion moderator Society of Abdominal Radiology Annual Meeting Virtual meeting	2021
<u>-RADS: Why do we need them?</u>	American Roentgen Ray Society Annual Meeting Virtual meeting	2021
<u>Use of gadoxetate in patients with chronic liver disease</u>	American Roentgen Ray Society Annual Meeting Virtual meeting	2021
<u>Acute renal and gynecologic emergencies</u>	American Roentgen Ray Society Annual Meeting Virtual meeting	2021
<u>LI-RADS CT/MRI Diagnostic Algorithm</u>	Society of Abdominal Radiology DFP Educational Webinar	2021
<u>Typical and atypical appearances of benign liver lesions</u>	ARRS Fall Symposium on Body MRI Virtual meeting	2021
<u>MR Imaging of acute gynecologic conditions</u>	ARRS Fall Symposium on Body MRI Virtual meeting	2021
<u>Optimizing MR protocols for emergency department</u>	ARRS Fall Symposium on Body MRI Virtual meeting	2021
<u>Feedback</u>	SABI Annual Meeting Plenary Session Washington, DC	2021
<u>LI-RADS: Past, present and future</u>	SABI Annual Meeting Workshop Washington, DC	2021
<u>Use of hepatobiliary agents for HCC screening: Pro</u>	SABI Annual Meeting Plenary Session Washington, DC	2021
<u>Virtual teaching and building communities: Con</u>	SABI Annual Meeting Plenary Session Washington, DC	2021
<u>LI-RADS Lexicon</u>	Presenter and Course Organizer Radiological Society of North America Annual Meeting Chicago, IL	2021
<u>Value added by the ACR -RADS</u>	Radiological Society of North America Annual	2021

	Meeting Chicago, IL	
<u>LI-RADS, Oncology and Ultrasound</u>	Scientific session moderator Radiological Society of North America Annual Meeting Chicago, IL	2021
<u>Assessment of pelvic floor disorders with MR Defecography</u>	Visiting Professor Department of Radiology Stanford University (Virtual)	2022
<u>Board Review: GI Cases</u>	Visiting Professor Department of Radiology Stanford University (Virtual)	2022
<u>Optimizing email and in-person communication</u>	Department of Radiology UCSD (Virtual)	2022
<u>Optimizing team communication</u>	Grand Rounds (Virtual) University of Pennsylvania	2022
<u>Practical approach to CT/MRI LI-RADS</u>	ARRS Annual Meeting New Orleans, LA	2022
<u>Pathologic, Molecular and Prognostic Radiologic Features of HCC</u>	ARRS Annual Meeting New Orleans, LA	2022
<u>Maximizing effectiveness of email communication</u>	ARRS Annual Meeting New Orleans, LA	2022
<u>Multimodality assessment of emergent gynecologic conditions</u>	Grand Rounds (Virtual) Department of Radiology Rutgers University Medical Center	2022
<u>Pathologic, Molecular and Prognostic Radiologic Features of HCC</u>	Grand Rounds (Virtual) Department of Radiology MD Anderson Houston, TX	2022
<u>CT/MRI Diagnosis of HCC</u>	American College of Veterinary Internal Medicine (ACVIM) Annual Meeting Austin, TX (Virtual)	2022
<u>Mastering effective e-mail and in-person communication</u>	Grand Rounds (Virtual) Department of Radiology Northwestern University Chicago, IL	2022
<u>Challenging LI-RADS cases: case-based review</u>	Grand Rounds (Virtual) Department of Radiology Northwestern University Chicago, IL	2022
<u>Multimodality imaging evaluation of emergent gynecologic conditions</u>	Grand Rounds (Virtual) Department of Obstetrics and Gynecology Rutgers University Medical Center	2022

International

<i>Title</i>	<i>Institution/Location</i>	<i>Dates (yyyy)</i>
<u>Dynamic Pelvic Floor MR</u>	Grand Rounds	2014

	Hadassah Medical Center Jerusalem, Israel	
<u>Anal Canal - Anatomy and Pathology</u>	Grand Rounds Hadassah Medical Center Jerusalem, Israel	2014
<u>MR Imaging of Acute Abdomen and Pelvis</u>	Plenary session 5 th International Congress of Gynaecology and Obstetrics Prague, Czech Republic	2017
<u>Genitourinary Imaging (Non-Prostate)</u>	Oral scientific session moderator International Society of Magnetic Resonance in Medicine Annual Meeting Paris, France	2018
<u>From Diagnosis to Assessing Therapy Response: Gynecological Malignancy</u>	Educational course moderator International Society of Magnetic Resonance in Medicine Annual Meeting Paris, France	2018
<u>MR Imaging of Acute Gynecologic Conditions</u>	International Society of Magnetic Resonance in Medicine Annual Meeting Montreal, Canada	2019
<u>Liver</u>	Oral scientific session moderator International Society of Magnetic Resonance in Medicine Annual Meeting Montreal, Canada	2019
<u>Multiparametric MRI in differential diagnosis of liver tumors</u>	4 th Annual St Petersburg International Oncology Forum St. Petersburg, Russia	2018
<u>Assessment of treatment response of liver malignancies</u>	4 th Annual St Petersburg International Oncology Forum St. Petersburg, Russia	2018
<u>LI-RADS: Major imaging features and diagnostic algorithm</u>	3 rd Annual SYSU Liver Imaging Forum Guangzhou, China	2019
<u>LI-RADS: Ancillary features</u>	3 rd Annual SYSU Liver Imaging Forum Guangzhou, China	2019
<u>CT/MRI LI-RADS Algorithm</u>	International Liver Imaging Series Virtual meeting	2020
<u>LI-RADS, Challenging cases from my workstation</u>	European Society of Gastrointestinal and Abdominal Radiology Annual Meeting Virtual meeting	2020
<u>From Claustrophobia to Obesity: Will Not Cooperate or Fit</u>	International Society of Magnetic Resonance in Medicine Annual Meeting Virtual meeting	2020
<u>Female pelvic diseases</u>	Oral scientific session moderator International Society of Magnetic Resonance in Medicine Annual Meeting Virtual meeting	2020
<u>Benign pelvic GI diseases</u>	Educational session moderator	2020

	International Society of Magnetic Resonance in Medicine Annual Meeting Virtual meeting	
<u>Principles, concepts and applications of Magnetic Resonance Imaging</u>	ACORE: Academy of Online Radiology Education Virtual meeting	2020
<u>LI-RADS: Challenges and Future Directions</u>	Korean Congress of Radiology Annual Meeting Seoul, South Korea (presented virtually)	2020
<u>LI-RADS – Practical application on clinical examples</u>	European Society of Gastrointestinal and Abdominal Radiology Virtual Liver Imaging Workshop	2020
<u>Structured reporting in diagnostic imaging</u>	ACORE: Academy of Online Radiology Education Virtual meeting	2020
<u>Update on LI-RADS Criteria</u>	European Association for the Study of the Liver Liver Cancer Summit 2021 Virtual meeting	2021
<u>Chair of the session: “Early diagnosis in HCC: under- and over-diagnosis and under- and over- staging?”</u>	European Association for the Study of the Liver Liver Cancer Summit 2021 Virtual meeting	2021
<u>Hepatobiliary Agents: Concepts and Applications</u>	ACORE: Academy of Online Radiology Education Virtual meeting	2021
<u>LI-RADS CT/MRI Diagnostic Algorithm and Opportunities for Global Harmonization</u>	Radiologic Society of South Africa CME Webinar Series Virtual webinar	2021
<u>Moderator of the session: “Making MRI more accessible”</u>	International Society of Magnetic Resonance in Medicine Annual Meeting Virtual meeting	2021
<u>LI-RADS in clinical practice: challenging cases (questions from my colleague)</u>	European Society of Gastrointestinal and Abdominal Radiology Annual Meeting Virtual meeting	2021
<u>MRI assessment of Pelvic Floor Dysfunction</u>	Chilean Society of Radiology Annual Meeting Virtual Meeting	2021
<u>LI-RADS: How to Use LR-M and Ancillary Features</u>	The 11th Asia-Pacific Primary Liver Cancer Expert Meeting Virtual meeting	2021
<u>Gaps in LI-RADS v2018 CT/MRI</u>	SYSU Liver Webinar (China) Virtual meeting	2021
<u>LI-RADS CT/MRI Diagnostic Algorithm</u>	Indian Society of Gastrointestinal and Abdominal Radiology 4 th Annual Virtual Conference	2021
<u>LI-RADS CT/MRI Diagnostic Algorithm</u>	50 th Brazilian Congress of Radiology Virtual meeting	2021
<u>Importance of Structural Reporting</u>	50 th Brazilian Congress of Radiology	2021

	Virtual meeting	
<u>Acute gynecologic conditions: MR imaging</u>	SAR Istanbul Meeting Istanbul, Turkey	2022
<u>Typical and atypical MR appearances of benign liver lesions</u>	SAR Istanbul Meeting Istanbul, Turkey	2022
<u>An Overview of CT/MRI LI-RADS</u>	SAR Istanbul Meeting Istanbul, Turkey	2022
<u>MRI of Uncooperative Patient</u>	SAR Istanbul Meeting Istanbul, Turkey	2022
<u>LI-RADS: Challenging Cases</u>	Jornada Paulista de Radiologia (52 nd Sao Paulo Radiological Meeting) Sao Paulo, Brazil	2022
<u>MRI of Acute Gynecologic Conditions</u>	da Paulista de Radiologia (52 nd Sao Paulo Radiological Meeting) Sao Paulo, Brazil	2022
<u>Gaps in LI-RADS v2018</u>	da Paulista de Radiologia (52 nd Sao Paulo Radiological Meeting) Sao Paulo, Brazil	2022
<u>Film Interpretation Session – Abdominal Imaging case</u>	da Paulista de Radiologia (52 nd Sao Paulo Radiological Meeting) Sao Paulo, Brazil	2022
<u>Enhancement-pattern Approach to Diagnosis of Common Liver Lesions</u>	da Paulista de Radiologia (52 nd Sao Paulo Radiological Meeting) Sao Paulo, Brazil	2022
<u>MR imaging of Uncooperative Patient</u>	9 th Asian Congress of Abdominal Radiology (ACAR) Taiwan (presented virtually)	2022
<u>Gaps in knowledge in LI-RADS v2018: Case-based review</u>	European Society of Gastrointestinal Radiology Annual Meeting Lisbon, Portugal	2022
<u>Introduction to CT/MRI LI-RADS</u>	Café Roentgen Virtual Webinar India	2022
<u>Differential Diagnosis of Common Liver Lesions Using Enhancement-pattern Approach</u>	Radiologic Society of South Africa CME Webinar Series Virtual webinar	2022
<u>Illustrative cases: CT/MRI LI-RADS</u>	Café Roentgen Virtual Webinar India	2022
<u>LI-RADS Overview</u>	Curso de Actualizacion LI-RADS Latino America 2022 Bogota, Columbia	2022
<u>CT/MRI Diagnostic LI-RADS</u>	Curso de Actualizacion LI-RADS Latino America 2022 Bogota, Columbia	2022
<u>LI-RADS Technique</u>	Curso de Actualizacion LI-RADS Latino America 2022 Bogota, Columbia	2022
<u>Case-based review of CT/MRI Diagnostic Algorithm</u>	Curso de Actualizacion LI-RADS Latino America 2022	2022

	Bogota, Columbia	
<u>Challenging cases: gray areas of LI-RADS</u>	Curso de Actualizacion LI-RADS Latino America 2022 Bogota, Columbia	2022
<u>Expert panel</u>	Curso de Actualizacion LI-RADS Latino America 2022 Bogota, Columbia	2022

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2. Barrera-Vera R, Chiu K, Cohen P, **Chernyak V**, Nevadunsky N. Robotic assisted repair of bilateral fallopian tube prolapse after vaginal hysterectomy. *Obstet Gynecol cases Rev* 2016, 3(1):072; 1-5. doi: 10.23937/2377-9004/1410072
 3. Bernstein A, Sarungbam J, **Chernyak V**, Rajdev L, Kovac E. Renal vein tumor thrombus from metastatic anal gland adenocarcinoma. *Urol Case Rep*. 2017 Oct 27;16:51-53. doi: 10.1016/j.eucr.2017.10.012
5. Guidelines:
1. Elsayes KM, Kielar AZ, Agrons MM, Szklaruk J, Tang A, Bashir MR, Mitchell DG, Do RK, Fowler KJ, Chernyak V, Sirlin CB. Liver Imaging Reporting and Data System: an expert consensus statement. *J Hepatocell Carcinoma*. 2017 Feb 17;4:29-39. doi: 10.2147/JHC.S125396
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 3. Qayyum A, Tamm EP, Kamel IR, Allen PJ, Arif-Tiwari H, Chernyak V, Gonda TA, Grajo JR, Hindman NM, Horowitz JM, Kaur H, McNamara MM, Noto RB, Srivastava PK, Lalani T. ACR Appropriateness Criteria® Staging of Pancreatic Ductal Adenocarcinoma. *J Am Coll Radiol*. 2017 Nov;14(11S):S560-S569. doi: 10.1016/j.jacr.2017.08.050
 4. Elsayes KM, Kielar AZ, Elmohr MM, **Chernyak V**, Masch WR, Furlan A, Marks RM, Cruite I, Fowler KJ, Tang A, Bashir MR, Hecht EM, Kamaya A, Jambhekar K, Kamath A, Arora S, Bijan B, Ash R, Kassam Z, Chaudhry H, McGahan JP, Yacoub JH, McInnes M, Fung AW, Shanbhogue K, Lee J, Deshmukh S, Horvat N, Mitchell DG, Do RKG, Surabhi VR, Szklaruk J, Sirlin CB. White paper of the Society of Abdominal Radiology hepatocellular carcinoma diagnosis disease-focused panel on LI-RADS v2018 for CT and MRI. *Abdom Radiol (NY)*. 2018 Oct;43(10):2625-2642. doi: 10.1007/s00261-018-1744-4
 5. Hindman NM, Arif-Tiwari H, Kamel IR, Al-Refaie WB, Bartel TB, Cash BD, **Chernyak V**, Goldstein A, Grajo JR, Horowitz JM, Kamaya A, McNamara MM, Porter KK, Srivastava PK, Zaheer A, Carucci LR. ACR Appropriateness Criteria® Jaundice. *J Am Coll Radiol*. 2019 May;16(5S):S126-S140. doi: 10.1016/j.jacr.2019.02.012
 6. Peterson CM, McNamara MM, Kamel IR, Al-Refaie WB, Arif-Tiwari H, Cash BD, **Chernyak V**, Goldstein A, Grajo JR, Hindman NM, Horowitz JM, Noto RB, Porter KK, Srivastava PK, Zaheer A, Carucci LR. ACR Appropriateness Criteria® Right Upper Quadrant Pain. *J Am Coll Radiol*. 2019 May;16(5S):S235-S243. doi: 10.1016/j.jacr.2019.02.013
 7. Porter KK, Zaheer A, Kamel IR, Horowitz JM, Arif-Tiwari H, Bartel TB, Bashir MR, Camacho MA, Cash BD, **Chernyak V**, Goldstein A, Grajo JR, Gupta S, Hindman NM, Kamaya A, McNamara MM, Carucci LR. ACR Appropriateness Criteria® Acute Pancreatitis. *J Am Coll Radiol*. 2019 Nov;16(11S):S316-S330. doi: 10.1016/j.jacr.2019.05.017
 8. Lalwani N, Khatri G, El Sayed RF, Ram R, Jambhekar K, **Chernyak V**, Kamath A, Lewis S, Flusberg M, Scholz F, Arif-Tiwari H, Palmer SL, Lockhart ME, Fielding JR. MR defecography technique: recommendations of the society of abdominal radiology's disease-focused panel on pelvic floor imaging. *Abdom Radiol (NY)*. Apr;46(4):1351-1361. doi: 10.1007/s00261-019-02160-7
 9. Fábrega-Foster K, Kamel IR, Horowitz JM, Arif-Tiwari H, Bashir MR, **Chernyak V**, Goldstein A, Grajo

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10. Bashir MR, Horowitz JM, Kamel IR, Arif-Tiwari H, Asrani SK, **Chernyak V**, Goldstein A, Grajo JR, Hindman NM, Kamaya A, McNamara MM, Porter KK, Solnes LB, Srivastava PK, Zaheer A, Carucci LR. ACR Appropriateness Criteria® Chronic Liver Disease. *J Am Coll Radiol*. 2020 May;17(5S):S70-S80. doi: 10.1016/j.jacr.2020.01.023
 11. **Chernyak V**, Horowitz JM, Kamel IR, Arif-Tiwari H, Bashir MR, Cash BD, Farrell J, Goldstein A, Grajo JR, Gupta S, Hindman NM, Kamaya A, McNamara MM, Porter KK, Solnes LB, Srivastava PK, Zaheer A, Carucci LR. ACR Appropriateness Criteria® Liver Lesion-Initial Characterization. *J Am Coll Radiol*. 2020 Nov;17(11S):S429-S446. doi: 10.1016/j.jacr.2020.09.005
 12. Schooler GR, Squires JH, Alazraki A, Chavhan GB, **Chernyak V**, Davis JT, Khanna G, Krishnamurthy R, Lungren MP, Masand PM, Podberesky DJ, Sirlin CB, Towbin AJ. Pediatric Hepatoblastoma, Hepatocellular Carcinoma, and Other Hepatic Neoplasms: Consensus Imaging Recommendations from American College of Radiology Pediatric Liver Reporting and Data System (LI-RADS) Working Group. *Radiology*. 2020 Sep;296(3):493-497. doi: 10.1148/radiol.2020200751
 13. **Chernyak V**, Bleier J, Kobi M, Paquette I, Flusberg M, Zimmern P, Rodriguez LV, Glanc P, Palmer S, Rodriguez L, Guess MK, Weinstein MM, Ram RR, Jambhekar K, Khatri G. Clinical Applications of Pelvic Floor Imaging – Opinion Statement Endorsed by the Society of Abdominal Radiology (SAR), American Urological Association (AUA), and American Urogynecologic Society (AUGS). *Abdominal Radiology*. 2021 Apr;46(4):1451-1464. doi: 10.1007/s00261-021-03017-8.
 14. Gurland BH, Khatri G, Ram R, Hull TL, Kocjancic E, Quiroz LH, Sayed RFE, Jambhekar KR, **Chernyak V**, Paspulati RM, Sheth VR, Steiner AM, Kamath A, Shobeiri SA, Weinstein MM, Bordeianou L; Members of the Expert Workgroup on Magnetic Resonance Imaging of Pelvic Floor Disorders. Consensus Definitions and Interpretation Templates for Magnetic Resonance Imaging of Defecatory Pelvic Floor Disorders: Proceedings of the Consensus Meeting of the Pelvic Floor Disorders Consortium of the American Society of Colon and Rectal Surgeons, the Society of Abdominal Radiology, the International Continence Society, the American Urogynecologic Society, the International Urogynecological Association, and the Society of Gynecologic Surgeons. *AJR* 2021 Oct;217(4):800-812. doi: 10.2214/AJR.21.26488.
 15. Gurland BH, Khatri G, Ram R, Hull TL, Kocjancic E, Quiroz LH, El Sayed RF, Jambhekar KR, **Chernyak V**, Paspulati RM, Sheth VR, Steiner AM, Kamath A, Shobeiri SA, Weinstein MM, Bordeianou L; Members of the Expert Workgroup on Magnetic Resonance Imaging of Pelvic Floor Disorders. Consensus definitions and interpretation templates for magnetic resonance imaging of Defecatory pelvic floor disorders : Proceedings of the consensus meeting of the pelvic floor disorders consortium of the American Society of Colon and Rectal Surgeons, the Society of Abdominal Radiology, the international continence society, the American Urogynecologic Society, the international Urogynecological association, and the Society of Gynecologic Surgeons. *Int Urogynecol J*. 2021 Oct;32(10):2561-2574. doi: 10.1007/s00192-021-04955-z.
 16. Gurland BH, Khatri G, Ram R, Hull TL, Kocjancic E, Quiroz LH, El Sayed RF, Jambhekar KR, **Chernyak V**, Paspulati RM, Sheth VR, Steiner AM, Kamath A, Shobeiri SA, Weinstein MM, Bordeianou L; Members of the Expert Workgroup on Magnetic Resonance Imaging of Pelvic Floor Disorders. Consensus Definitions and Interpretation Templates for Magnetic Resonance Imaging of Defecatory Pelvic Floor Disorders: Proceedings of the Consensus Meeting of the Pelvic Floor Disorders Consortium of the American Society of Colon and Rectal Surgeons, the Society of Abdominal Radiology, the International Continence Society, the American Urogynecologic Society, the International

Urogynecological Association, and the Society of Gynecologic Surgeons. *Female Pelvic Med Reconstr Surg*. 2021 Oct 1;27(10):e645-e656. doi: 10.1097/SPV.0000000000001111.

17. Gurland BH, Khatri G, Ram R, Hull TL, Kocjancic E, Quiroz LH, El Sayed RF, Jambhekar KR, **Chernyak V**, Mohan Paspulati R, Sheth VR, Steiner AM, Kamath A, Shobeiri SA, Weinstein MM, Bordeianou L; Members of the Expert Workgroup on Magnetic Resonance Imaging of Pelvic Floor Disorders. Consensus Definitions and Interpretation Templates for Magnetic Resonance Imaging of Defecatory Pelvic Floor Disorders: Proceedings of the Consensus Meeting of the Pelvic Floor Disorders Consortium of the American Society of Colon and Rectal Surgeons, the Society of Abdominal Radiology, the International Continence Society, the American Urogynecologic Society, the International Urogynecological Association, and the Society of Gynecologic Surgeons. *Dis Colon Rectum*. 2021 Oct 1;64(10):1184-1197. doi: 10.1097/DCR.0000000000002155.
 18. Asrani SK, Ghabril MS, Kuo A, Merriman RB, Morgan T, Parikh ND, Ovchinsky N, Kanwal F, Volk ML, Ho C, Serper M, Mehta S, Agopian V, Cabrera R, **Chernyak V**, El-Serag HB, Heimbach J, Ioannou GN, Kaplan D, Marrero J, Mehta N, Singal A, Salem R, Taddei T, Walling AM, Tapper EB. Quality measures in HCC care by the Practice Metrics Committee of the American Association for the Study of Liver Diseases. *Hepatology*. 2022 May;75(5):1289-1299. doi: 10.1002/hep.32240.
 19. **Chernyak V**, Tang A, Do RKG, Kamaya A, Kono Y, Santillan CS, Fowler KJ, Bashir MR, Cunha GM, Fetzer DT, Kielar A, Lee JT, Mendiratta-Lalla M, Sirlin CB; and the LI-RADS Steering Committee and Guarantors of translation integrity listed in the Acknowledgements. Liver imaging: it is time to adopt standardized terminology. *Eur Radiol*. 2022 Apr 7. doi: 10.1007/s00330-022-08769-5. Epub ahead of print. PMID: 35389052.
6. Abstracts (optional, list 10-20 best or most recent only):
1. Rai A, Sanghun S, Shifteh K, **Chernyak V**, Kogan-Liberman D, Isasi CR, Rudolph B, Ovchinsky N, Arens R. Multi-Organ Effects of Obstructive Sleep Apnea. Scientific abstract presentation. American Association for Study of Liver Disease National Conference 2018.
 2. Berman J, Sirlin CB, **Chernyak V**. Liver Imaging Reporting and Data System: Frequency of Category Adjustment Using Ancillary Features on CT and MRI in Clinical Practice. Scientific abstract presentation. Radiologic Society of North America Annual Meeting 2018.
 3. **Chernyak V**, Fowler K, Kielar A, Furlan A, Tang A, Cui J, Papadatos D, Sirlin CB. Cirrhosis – The Double-Edged Sword for CT and MRI Diagnosis of HCC. Educational exhibit. Society of Abdominal Radiology Annual Meeting 2018, Magna Cum Laude award.
 4. Ricci ZJ, Gordon S, **Chernyak V**, Stein MW, Flusberg M, Mazzariol F, Kobi M. Imaging Spectrum of Vaginal Pathologies. Educational exhibit. Radiological Society of North America Annual Meeting 2018.
 5. Kanmaniraja D, Flusberg M, Ricci ZJ, Kobi M, **Chernyak V**. Gastrointestinal Manifestations of Systemic Disease – Solve the Rubik’s Cube. Educational exhibit. Radiological Society of North America Annual Meeting 2018.
 6. Birnbaum J, Kobi M, Kanmaniraja K, Yee J, **Chernyak V**. Positive Perfusion: How Often Does it Affect the PI-RADS Score in Clinical Practice? Scientific abstract presentation. Society of Abdominal Radiology Annual Meeting, 2019.
 7. Kobi M, Ricci ZJ, Kanmaniraja D, **Chernyak V**. Many Faces of Lymphoma: Abdominal Manifestations of Extranodal Lymphoma. Educational exhibit. Radiological Society of North America Annual Meeting 2019. Exhibit received Certificate of Merit.
 8. Orisamololu A, Haken O, Brodin P, English K, Ohri N, Kaubisch A, Kinkhabwala A, Tome W.A., Kalnicki S, Garg M.K., **Chernyak V**, Kabarriti R, Guha C. CT-Based Imaging Features Predictive of Local Progression of Hepatocellular Carcinoma after TACE. Scientific abstract presentation. American Society for Radiation Oncology 2019. doi: 10.1016/j.ijrobp.2019.06.1983
 9. Allen BC, Abou Elkassem A, Mresh R, Lirette S, Shrestha Y, Giese JD, Stevens R, Williams D, Farag A, Khalaf AM, Al-Hawary MM, Chamarthi SK, Chauhan A, **Chernyak V**, Clark TJ, Cox KL, Digumarthy

- SR, Ehieli WL, Ferguson DJ, Gaballah AH, Galgano SJ, Gandhi D, Lee S, Lee SI, Mervak BM, Mittal PK, Murphy PM, Nandwana SB, O'Connor SD, Patel NU, Roda MS, Surabhi VR, Trace AP, Wasnik AP, Yacoub JH, Zidan AT, Smith A. Comparative effectiveness of advanced cancer longitudinal response evaluation methods: artificial intelligence-assisted vs. standard-of-care. Scientific abstract presentation. Society of Abdominal Radiology Annual Meeting 2020.
10. Smith AD, Abou Elkassem A, Allen B, Mresh R, Khalaf A, Farag A, Lirette S, Shrestha Y, Williams D, Stevens R, Al-Hawary M, Chamarthi S, Chauhan A, **Chernyak V**, Clark T, Cox K, Digumarthy S, Ehieli W, Ferguson D, Gaballah A, Galgano S, Gandhi D, Lee S, Lee S, Mervak B, Mittal P, Murphy P, Nandwana S, O'Connor S, Patel N, Roda M, Surabhi V, Trace A, Wasnik A, Yacoub J, Zidan A, Anderson MD, Arend R, Brem EA, Dayyani F, Gao X, Goyal G, Hari P, Ho C, Henegan JC, Kratzke R, Meredith RF, McDonald A, Mooradian MR, Leath CA, Lou E, Narkhede M, Nandagopal Asha Nayak L, Paluri R, Rao A, Stringer- Reasor EM, Willey C, Yee D. Comparative effectiveness of AI-assisted vs. standard of care methods in advanced cancer longitudinal response evaluation in a multi-institutional study. Scientific abstract presentation ASCO Annual Meeting, 2020.
 11. Gordon, J. Holder, G. Dellacerra, M. Kobi, V. **Chernyak**. Unusual suspects: Review of uncommon liver lesions. Educational exhibit. European Society of Gastrointestinal and Abdominal Radiology Annual Meeting 2020.
 12. Zulfiqar M, Louis S, Chatterjee D, **Chernyak V**, Hecht EM, Bashir MR, Bastati N, Ba-SSalamah A, Sirlin CB, Fowler K. Before Biliary Malignancy: Imaging Features of Premalignant Biliary Lesions and Predisposing Conditions. Educational exhibit. Radiological Society of North America Annual Meeting 2020.
 13. Ash RM, Horvat N, Kamath A, Lee JT, **Chernyak V**, Elsayes KM. LI-RADS Ancillary Features for Improved Detection and Diagnostic Confidence. Educational exhibit. Radiological Society of North America Annual Meeting 2020.
 14. Kielar AZ, Oro-Medonte O, Bastawrous S, Elsayes KM, Kamath A, **Chernyak V**. Decision Making When Using LI-RADS: Tips and Tricks to Increase Confidence. Educational exhibit. Radiological Society of North America Annual Meeting 2020.
 15. Elmohr MM, Fung AW, van der Pol CB, McInnes MD, Bashir MR, Lee JT, Fowler KJ, Elsayes KM, **Chernyak V**, Sirlin CB, Tang A. LI-RADS: Show Me the Evidence! Educational exhibit. Radiological Society of North America Annual Meeting 2020.
 16. Cunha GM, Tang A, Marks RM, Elsayes KM, Cruite IW, Horvat N, Fung AW, Fowler KJ, Sirlin CB, **Chernyak V**. LI-RADS Reporting: Seeing the Forest Through the Trees. Educational exhibit. Radiological Society of North America Annual Meeting 2020.
 17. Ram R, Flusberg M, Swamy N, **Chernyak V**, Pandey T, Bajaj G, Jambhekar K. How Well Do You Know the Pelvic Floor Anatomy? Educational exhibit. Radiological Society of North America Annual Meeting 2020. Exhibit received Certificate of Merit.
 18. Birnbaum JG, Kanmaniraja D, Kobi M, Yee J, Sirlin CB, **Chernyak V**. Prevalence of LI-RADS v2018 Categories on CT and MRI Done for Hepatocellular Carcinoma Screening in High-risk Patients. Scientific abstract presentation. Radiologic Society of North America Annual Meeting 2020.
 19. Birnbaum JG, Sirlin CB, **Chernyak V**. What Proportion of Clinically Reported LI-RADS 5 Observations Do Not Meet LI-RADS 5 Criteria? Scientific abstract presentation. Radiologic Society of North America Annual Meeting 2020.
 20. Nemzow G, Sirlin CB, **Chernyak V**. Utility of Pelvic CT in Patients Undergoing Surveillance for Hepatocellular Carcinoma. Scientific poster presentation. Radiologic Society of North America Annual Meeting 2020.
 21. van der Pol CB, Salameh J, Levis B, **Chernyak V**, Sirlin CB, Bashir MR, McInnes M. Liver Reporting And Data System (LI-RADS) Major Features: Individual Patient Data Meta-analysis Of Diagnostic Accuracy Studies For Diagnosis Of Hepatocellular Carcinoma. Scientific abstract presentation. Radiologic Society of North America Annual Meeting 2021.
 22. Lee S, Kim Y-Y, Shin, Roh YH, Choi J-Y, Sirlin CB, **Chernyak V**. Differences in Percentage of Hepatocellular Carcinoma and Overall Malignancy in Liver Imaging Reporting and Data System Categories Between CT and MR Imaging with Extracellular Contrast and Gadoteric Acid: A Systematic

Review and Meta-Analysis. Scientific abstract presentation. Radiologic Society of North America Annual Meeting 2022.

7. Other (media, podcasts, etc.):

1. **Chernyak V** & Sirlin CB. Co-Editors. LI-RADS v2018 Manual. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/LI-RADS-2018-Manual-5Dec18.pdf?la=en>
2. Sirlin CB, **Chernyak V**. Chapter 1: What is LI-RADS®? LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-1-LIRADS-Introduction--What-Mission-Vision.pdf?la=en>
3. Tang A, **Chernyak V**, Hallouch O, Kamaya A, Sirlin CB. Chapter 2: LI-RADS® Populations: Surveillance, Diagnosis, Staging, Treatment Response. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-2--LIRADS-screening-surveillance-diagnosis-staging.pdf?la=en>
4. **Chernyak V**, Fowler KJ, Sirlin CB, Chapter 3: Liver anatomy. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-3--Liver-anatomy.pdf?la=en>
5. Sirlin CB, Papadatos D, **Chernyak V**, Cui J, Fowler KJ, Kielar AZ. Chapter 4: Cirrhosis. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-4-Cirrhosis.pdf?la=en>
6. Sirlin CB, **Chernyak V**, Furlan A, Papadatos D. Chapter 5: Cirrhosis-Associated Lesions and Pseudolesions. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-5--Cirrhosisassociated-lesions.pdf?la=en>
7. Sirlin CB, **Chernyak V**, Cui J, Narsinh KH, Papadatos D, Santillan CS, Tang A. Chapter 6: Hepatocarcinogenesis. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-6-Hepatocarcinogenesis.pdf?la=en>
8. Sirlin CB, **Chernyak V**, Santillan CS. Chapter 7: The LI-RADS® Observation. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-7-The-LIRADS-observation.pdf?la=en>
9. Sirlin CB, **Chernyak V**, Fowler KJ, Kono Y. Chapter 8: LI-RADS® Diagnostic Categories. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-8-LIRADS-Categories.pdf?la=en>
10. Do RK, **Chernyak V**, Foltz G, Fowler KJ, Kielar AZ, Kim CY, Kono Y, Lewis S, Maturen K, Meyer J, Miller FH, Mitchell DG, Newton IG, Piscaglia F, Raman SS, Salem R, Sirlin CB, Tang A, Yaghamai V, Yarmohammadi H, Yokoo T. Chapter 9: LI-RADS® Treatment Response. LI-RADS v2018 Manual. American College of Radiology 2018 <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-9-Treatment-response.pdf?la=en>
11. Tang A, **Chernyak V**, Kielar AZ, Sirlin CB. Chapter 10: Staging. LI-RADS v2018 Manual. American College of Radiology 2018 <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-10--Staging.pdf?la=en>
12. Mitchell MG, **Chernyak V**, Kielar AZ, Kono Y, Sirlin CB. Chapter 11: Management. LI-RADS v2018

Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-11-Management.pdf?la=en>

13. Kambadakone A, Chandarana A, **Chernyak V**, Fowler KJ, Fung A, Ganeshan K, Gupta R, Harris A, Hope T, Horowitz J, Hussain H, Miller F, Nandwana S, Sahani D, Sirlin CB, Yaghmai V. Chapter 12: LI-RADS® Technique. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-12-Technique.pdf?la=en>
14. **Chernyak V**, Fowler KJ, Heiken JP, Sirlin CB. Chapter 13: Hepatobiliary Agents. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-13-HBA.pdf?la=en>
15. **Chernyak V**, Bashir MR, Do RK, Kamaya A, Kielar AZ, Mitchell DG, Sirlin CB. Chapter 14: LI-RADS® Reporting. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-14-LIRADS-reporting.pdf?la=en>
16. **Chernyak V**, Do RK, Kamaya A, Santillan CS, Sirlin CB, Tang A. Chapter 15: Benign Entities. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-15-Benign-entities.pdf?la=en>
17. **Chernyak V**, Sirlin CB, Cui J, Do KJ, Fazeli S, Fowler KJ, Hong W, Hooker J, Kambadakone A, Kielar AZ, Kono Y, Mamidipalli A, Papadatos D, Sy E, Tang A. Chapter 16: Imaging Features. LI-RADS v2018 Manual. American College of Radiology 2018. <https://www.acr.org/-/media/ACR/Files/Clinical-Resources/LIRADS/Chapter-16-Imaging-features.pdf?la=en>
18. Paroder V, **Chernyak V**. Pitfalls in Female Pelvis MRI. ARRS Categorical Course Syllabus: Pitfalls in Clinical Imaging May 2019.