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Pediatric Radiology

Lynn A. Fordham, MD  
Division Chief, Professor

Specialty: Pediatric Radiology
Procedures and Research: Imaging of pediatric diseases, Imaging-guided pediatric aspirations and biopsies, MRI in the pediatric patient, Low dose CT scanning, Low dose fluoroscopy, Musculoskeletal imaging, Radiation protection, 3D ultrasound.

Medical School: Tufts University
Residency: University of North Carolina at Chapel Hill
Area: Diagnostic Radiology
Fellowship: Boston Children’s Hospital
Area: Pediatric Radiology
Certifications: Radiology, Radiology-Diagnostic Radiology-Pediatric Radiology

UNC Radiology (UNC Hospitals)
101 Manning Drive
Chapel Hill, NC 27514
Appointments: (984) 974-1884
Fax: (984) 974-9361
Website: www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology

Brian Handly, MD  
Assistant Professor

Specialty: Pediatric Radiology

Medical School: Pennsylvania State University
Internship: Penn State Hershey Medical Center
Area: Internal Medicine
Residency: Penn State Hershey Medical Center
Area: Diagnostic Radiology
Fellowship: Nationwide Children's Hospital
Area: Pediatric Radiology
Certifications: Radiology-Diagnostic Radiology, Radiology-Diagnostic Radiology-Pediatric Radiology

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101 Manning Drive
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Katherine R. Birchard, MD
Associate Professor

Specialty: Radiology
Procedures and Research: Interventional Thoracic Radiology, Cardiac MRI

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101 Manning Drive
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Website: www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology
Lauren Burke, MD
Assistant Professor

**Specialty:** Radiology

**Internship:** University of North Carolina at Chapel Hill
**Area:** Internal Medicine

**Residency and Chief Residency:** University of North Carolina at Chapel Hill
**Area:** Diagnostic Radiology

**Fellowship:** Duke University
**Area:** Abdominal Imaging

**Certification:** Radiology

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**Website:**
www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology
Mauricio Castillo, MD, FACR

Division Chief, Professor

Specialty: Radiology

Procedures and Research: Neuroradiology, pediatric neuroradiology, MR spectroscopy.

Medical School: University of San Carlos of Guatemala
Area: Radiology

Residency: University of Miami
Area: Neuroradiology

Fellowship: Emory University
Area: Neuroradiology

Certifications: Radiology, Radiology-Diagnostic Radiology-Neuroradiology

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**UNC Hospitals ACC**  
Radiology  
102 Mason Farm Road  
Ambulatory Care Center  
First Floor  
Chapel Hill, NC 27514

**Appointments:** (984) 974-1884  
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www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology
William Brian Hyslop, MD, PhD
Associate Professor

Specialty: Radiology

Procedures and Research: Cardiovascular and abdominal MRI.

Medical School: University of Illinois at Urbana-Champaign

Medical School: University of Illinois at Urbana-Champaign

Residency: University of Alabama at Birmingham
Area: Radiology

Fellowship: University of Arkansas for Medical Sciences
Area: Body MRI

Master of Science: Illinois Institute of Technology

Certifications: Certificate of Added Qualification-Cardiovascular Computed Tomography, Radiology

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Sheryl Jordan, MD

Associate Professor; Program Director, Diagnostic Radiology Residency

Specialty: Radiology

Procedures and Research: Mammography, Breast Ultrasound, Breast MRI, Breast Interventional Procedures

Medical School: University of North Carolina at Chapel Hill

Internship: University of North Carolina at Chapel Hill
Area: Internal Medicine

Residency: Duke University
Area: Diagnostic Radiology

Fellowship: University of North Carolina at Chapel Hill
Area: Breast Imaging

Certifications: Breast Tomosynthesis, Radiology

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Amir H. Khandani, MD  
Associate Professor; Director, Nuclear Medicine Residency/Fellowship

Specialty: Radiology  

Procedures and Research: PET/CT, PET/MR, general nuclear medicine imaging and therapy, molecular imaging

Medical School: University of Cologne  
Residency: University of Cologne  
Area: Nuclear Medicine

Fellowship: Montefiore Medical Center  
Area: Positron Emission Tomography

Honors: Leo M. Davidoff Award of the Albert Einstein College of Medicine Award for Outstanding Teaching of Medical Students

Certifications: Nuclear Medicine, Nuclear Medicine

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Cherie Kuzmiak, DO
Division Chief, Associate Professor

Specialty: Radiology

Procedures and Research: Mammography

Medical School: Des Moines University

Internship: Cuyahoga Falls General Hospital
Area: General

Residency: Northeastern Ohio Universities College of Medicine
Area: Diagnostic Radiology

Fellowship: Susan G. Komen Breast Center
Area: Breast Imaging

Certification: Radiology

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Ellie Lee, MD
Assistant Professor

Specialty: Radiology

Procedures and Research: Abdominal imaging.

Medical School: Emory University

Residency: Duke University Medical Center
Area: Diagnostic Radiology

Fellowship: Duke University Medical Center
Area: Abdominal Imaging

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Sheila Lee, MD  
*Assistant Professor*

**Specialty:** Radiology  
**Procedures and Research:** Mammography, Breast MRI  
**Research**

**Special Interests:** Ultrasound, stereotactic and MRI guided core needle biopsy; Ultrasound, mammography and MRI guided needle localization; Understanding factors influencing adherence to annual mammography; Breast MRI

**Medical School:** University of New Mexico Health Sciences Center  
**Residency:** Duke University Medical Center  
**Area:** Diagnostic Radiology

**Certification:** Radiology
Yueh Z. Lee, MD, PhD
Assistant Professor

Specialty: Radiology
 Procedures and Research: Neuroradiology
 Special Interests: Brain Tumors, new imaging techniques, carbon nanotube x-ray imaging devices.
 Medical School: University of North Carolina at Chapel Hill
 Area: Biomedical Engineering
 Medical School: University of North Carolina at Chapel Hill
 Internship: University of North Carolina at Chapel Hill
 Area: General Surgery
 Residency: University of North Carolina at Chapel Hill
 Area: Diagnostic Radiology
 Fellowship: University of North Carolina at Chapel Hill
 Area: Neuroradiology
 Certification: Radiology-Diagnostic Radiology

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For additional locations, please visit findadoc.unchealthcare.org.
Jordan B. Renner, MD  
Professor

Specialty: Radiology  
Procedures and Research: Musculoskeletal radiology.  
Medical School: University of Virginia  
Residency: University of North Carolina at Chapel Hill  
Area: Radiology  
Fellowship: Duke University  
Area: Musculoskeletal Radiology  
Fellowship: University of North Carolina at Chapel Hill  
Area: Radiology  
Certification: Radiology

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### Sten Y. Solander, MD

*Associate Professor*

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Chapel Hill, NC 27514

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**Website:**

**UNC Hospitals Hillsborough Campus**

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Hillsborough, NC 27278

**Appointments:** (984) 974-1884
**Phone:** (984) 215-2200
**Fax:** (984) 215-2284
**Website:**
Radiology - Cardiothoracic Imaging

Leon Bacchus, MD

**Assistant Professor**

**Specialty:** Radiology  
**Subspecialty:** Radiology - Cardiothoracic Imaging  
**Medical School:** University of Medicine and Dentistry of New Jersey  
**Internship:** Einstein Medical Center  
**Area:** Preliminary Medicine  
**Residency:** Lahey Hospital and Medical Center  
**Fellowship:** Montefiore Medical Center  
**Area:** Cardiothoracic Imaging

**UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC 27514  
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Chapel Hill, NC 27514  
**Appointments:** (984) 974-1884  
**Fax:** (984) 974-9361  
**Website:** www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology

For additional locations, please visit findadoc.unchealthcare.org.

Brett Murdock, MD

**Assistant Professor**

**Specialty:** Radiology  
**Subspecialty:** Radiology - Cardiothoracic Imaging  
**Medical School:** Georgetown University  
**Internship:** Washington Hospital Center  
**Residency:** Monmouth Medical Center  
**Residency:** University of North Carolina Hospitals  
**Fellowship:** University of North Carolina Hospitals  
**Area:** Cardiothoracic Imaging

**UNC Radiology (UNC Hospitals)**  
101 Manning Drive  
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**Appointments:** (984) 974-1884  
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**Website:** www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology

**UNC Hospitals Burlington Imaging and Breast Center**  
1225 Huffman Mill Road  
Suite 101  
Burlington, NC 27215  
**Phone:** (336) 524-9989  
**Fax:** (336) 524-8323  
**Website:** www.uncmedicalcenter.org/uncmc/uncmc/care-treatment/imaging-radiology
Ertan Pamuklar, MD
Assistant Professor

**Specialty:** Radiology  
**Subspecialty:** Radiology - Cardiothoracic Imaging  
**Medical School:** Ankara University  
**Residency:** Gazi University  
**Fellowship:** University of North Carolina Hospitals  
**Area:** Body MRI, Cardiothoracic Imaging

**UNC Hospitals**  
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Troy H. Maetani, MD  

Assistant Professor

**Specialty:** Radiology  
**Subspecialty:** Radiology - Musculoskeletal Imaging  
**Special Interests:** Sports imaging, musculoskeletal (MSK) intervention, 3D printing applications in MSK imaging, MSK oncology

**Medical School:** State University of New York Downstate Medical Center  
**Internship:** Tufts Medical Center  
**Residency:** Tufts Medical Center  
**Area:** Diagnostic Radiology  
**Chief Residency:** Tufts Medical Center  
**Fellowship:** Brigham and Women's Hospital  
**Area:** Musculoskeletal Imaging and Intervention  
**Certification:** Radiology-Diagnostic Radiology

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102 Mason Farm Road  
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Radiology - Musculoskeletal Imaging (cont.)

Daniel Nissman, MD, MPH, MS
Division Chief, Musculoskeletal Imaging and Assistant Professor, Dept. of Radiology

- **Specialty:** Radiology
- **Subspecialty:** Radiology - Musculoskeletal Imaging
- **Procedures and Research:** Musculoskeletal radiology, forensic radiology
- **Medical School:** University of North Carolina at Chapel Hill
- **Internship:** University of North Carolina at Chapel Hill
  - **Area:** Internal Medicine
- **Residency:** Medical University of South Carolina
  - **Area:** Radiology
- **Fellowship:** Washington University
  - **Area:** Musculoskeletal Radiology
- **Master of Public Health:** University of North Carolina at Chapel Hill
- **Certification:** Radiology-Diagnostic Radiology

UNC Hospitals
101 Manning Drive
Chapel Hill, NC 27514
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**Website:** [www.uncmedicalcenter.org](http://www.uncmedicalcenter.org)

UNC Hospitals Imaging Center
1350 Raleigh Road
First Floor
Chapel Hill, NC 27517
**Phone:** (984) 974-6800
**Fax:** (919) 966-0781
**Website:** [www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology](http://www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology)

Radiology - Neuro-Interventional Radiology

Hortensia Alvarez, MD
Professor

- **Specialty:** Radiology
- **Subspecialty:** Radiology - Neuro-Interventional Radiology
- **Procedures and Research:** Interventional neuroradiology
- **Medical School:** University of Santiago de Compostela
- **Residency:** Juan Canalejo Hospital
  - **Area:** Radiology
- **Residency:** Pitié-Salpêtrière Hospital
  - **Area:** Neuroradiology
- **Certification:** Radiology-Diagnostic Radiology

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**Website:** [www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology](http://www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology)
Benjamin Yu-bin Huang, MD, MPH
Associate Professor

**Specialty:** Radiology

**Subspecialty:** Radiology - Neuroradiology

**Procedures and Research:** Neuroradiology

**Medical School:** Duke University

**Internship:** Kaiser Permanente San Francisco Hospital
*Area: Internal Medicine*

**Residency:** University of North Carolina at Chapel Hill
*Area: Radiology*

**Fellowship:** University of North Carolina at Chapel Hill
*Area: Neuroradiology*

**Master of Public Health:** University of North Carolina at Chapel Hill

**Certification:** Radiology

---

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**Website:**
www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology
Valerie L. Jewells, DO, FACR, FAOCR
Professor, Radiology and Neurology; Director, Quality and Safety

Specialty: Radiology
Subspecialty: Radiology - Neuroradiology

Procedures and Research: Imaging of the brain, spine, and head and neck with research interests in MS, white matter disease, epilepsy, and head and neck pathology

Special Interests: White matter disease/MS, epilepsy, PET models for inflammatory disease, and head and neck pathology

Medical School: Philadelphia College of Osteopathic Medicine

Residency: Osteopathic Medical Center of Philadelphia
Area: Radiology

Fellowship: Duke University Medical Center
Area: Neuroradiology

Fellowship: Hahnemann University Hospital
Area: Body Imaging

Certifications: Radiology, Radiology-Diagnostic Radiology-Neuroradiology

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**J. Keith Smith, MD, PhD**

*Professor, Radiology; Professor, Neurosurgery; Vice-Chair, Diagnostic Services; Director, Clinical Research; Director, Faculty Development for Clinical Faculty*

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<thead>
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<th><strong>Specialty:</strong> Radiology</th>
<th><strong>UNC Radiology (UNC Hospitals)</strong></th>
</tr>
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<tbody>
<tr>
<td><strong>Subspecialty:</strong> Radiology - Neuroradiology</td>
<td>101 Manning Drive</td>
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<tr>
<td><strong>Procedures and Research:</strong> Neuroradiology</td>
<td>Chapel Hill, NC 27514</td>
</tr>
<tr>
<td><strong>Special Interests:</strong> MRI, central nervous system and spine</td>
<td><strong>Appointments:</strong> (984) 974-1884</td>
</tr>
<tr>
<td><strong>Medical School:</strong> Louisiana State University</td>
<td><strong>Fax:</strong> (984) 974-9361</td>
</tr>
<tr>
<td><strong>Residency:</strong> University of Texas Health Science Center at Houston</td>
<td><strong>Website:</strong> <a href="http://www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology">www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology</a></td>
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<tr>
<td><strong>Area:</strong> Diagnostic Radiology</td>
<td><strong>UNC Hospitals Hillsborough Campus</strong></td>
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<tr>
<td><strong>Fellowship:</strong> University of North Carolina at Chapel Hill</td>
<td>430 Waterstone Drive</td>
</tr>
<tr>
<td><strong>Area:</strong> Neuroradiology</td>
<td>First Floor Hillsborough, NC 27278</td>
</tr>
<tr>
<td><strong>Doctor of Philosophy:</strong> Louisiana State University</td>
<td><strong>Appointments:</strong> (984) 974-1884</td>
</tr>
<tr>
<td><strong>Area:</strong> Physiology</td>
<td><strong>Phone:</strong> (984) 215-2200</td>
</tr>
<tr>
<td><strong>Certifications:</strong> Radiology-Diagnostic Radiology, Radiology-Diagnostic Radiology-Neuroradiology</td>
<td><strong>Fax:</strong> (984) 215-2284</td>
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<td><strong>Website:</strong> <a href="http://www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology">www.uncmedicalcenter.org/uncmc/care-treatment/imaging-radiology</a></td>
</tr>
</tbody>
</table>
Radiology - Neuroradiology (cont.)

Carlos Zamora, MD, PhD

Assistant Professor

Specialty: Radiology
Subspecialty: Radiology - Neuroradiology
Medical School: University of San Carlos of Guatemala
Internship: Wyckoff Heights Medical Center
Residency: Johns Hopkins University
Area: Radiology
Fellowship: Johns Hopkins University
Doctor of Philosophy: Kobe University
Area: Medical Sciences
Certification: Radiology-Diagnostic Radiology

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Fax: (984) 974-9361
Website: www.uncmedicalcenter.org/unc mc/care-treatment/imaging-radiology

For additional locations, please visit findadoc.unchealthcare.org.

Radiology - Nuclear Medicine

Jorge Oldan, MD

Assistant Professor

Specialty: Radiology
Subspecialty: Radiology - Nuclear Medicine
Medical School: State University of New York
Internship: Long Island Jewish Medical Center
Area: Internal Medicine
Residency: Duke University Medical Center
Area: Nuclear Medicine
Residency: Tufts Medical Center
Area: Diagnostic Radiology
Fellowship: Cleveland Clinic
Area: Cardiovascular Imaging

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Charles T. Burke, MD

Vice Chairman, Interventional Services; Division Chief, Interventional Radiology; Professor; Physician, UNC Center for Heart and Vascular Care

Specialties: Radiology, Vascular Medicine, Vascular Surgery

Subspecialties: Radiology - Vascular-Interventional Radiology, Vascular Surgery - Vein Care

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Special Interests: Uterine fibroid embolization, minimally invasive therapy for hepatic malignancies, peripheral arterial occlusive disease, lower extremity varicose vein treatment

Medical School: University of Arkansas for Medical Sciences

Residency: University of North Carolina at Chapel Hill

Area: Radiology

Certification: Radiology-Diagnostic Radiology-Vascular and Interventional Radiology

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Robert G. Dixon, MD

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**Subspecialties:** Radiology - Vascular-Interventional Radiology, Vascular Surgery - Vein Care

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**Medical School:** State University of New York Health Science Center at Syracuse

**Residency:** Akron General Medical Center

**Area:** Emergency Medicine

**Residency:** State University of New York Upstate Medical University

**Area:** Radiology

**Fellowship:** University of North Carolina at Chapel Hill

**Area:** Interventional Radiology

**Certifications:** Emergency Medicine, Radiology, Radiology-Diagnostic Radiology-Vascular and Interventional Radiology

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Ari Isaacson, MD  
Assistant Professor

Specialties: Radiology, Vascular Medicine, Vascular Surgery
Subspecialty: Radiology - Vascular-Interventional Radiology

Procedures and Research: Prostatic artery embolization, geniculate artery embolization, interventional oncology, minimally invasive treatment of liver disease, utilization of advanced procedural imaging

Special Interests: Vascular imaging in the setting of renal disease, prostatic artery embolization, advanced procedural imaging, geniculate artery embolization

Medical School: University of Southern California
Internship: Naval Medical Center San Diego
Residency: University of North Carolina at Chapel Hill
Area: Diagnostic Radiology
Fellowship: University of North Carolina at Chapel Hill
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Kyung Kim, MD
Assistant Professor

**Specialties:** Radiology, Vascular Medicine, Vascular Surgery

**Subspecialty:** Radiology - Vascular-Interventional Radiology

**Procedures and Research:** Kyphoplasty/vertebroplasty, oncologic interventions, radiofrequency ablation, chemoembolization, radioembolization, uterine artery embolization, TIPS, CTA, MRA, biliary interventions.

**Special Interests:** Clinical physician, UNC Center for Heart and Vascular Care. Visit www.uncheartandvascular.org for more information.

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Matthew A. (Matt) Mauro, MD, FACR, FSIR, FAHA
*Chief Executive Officer, UNC Faculty Physicians; Chair, Department of Radiology; Ernest H. Wood Distinguished Professor of Radiology*

**Specialty:** Radiology

**Subspecialty:** Radiology - Vascular-Interventional Radiology

**Procedures and Research:** CT, angiography, interventional radiology, abdominal radiology, gastrointestinal tract imaging, angioplasty, biliary drainage procedures, embolization, stent grafts, oncointervention, vascular malformations

**Special Interests:** Interventional radiology

**Medical School:** Cornell University

**Residency:** University of North Carolina at Chapel Hill
**Area:** Diagnostic Radiology

**Fellowship:** Mallinckrodt Institute of Radiology
**Area:** Abdominal Radiology

**Fellowship:** University of North Carolina at Chapel Hill
**Area:** Diagnostic and Vascular Radiology

**Certifications:** Radiology, Radiology-Diagnostic Radiology-Vascular and Interventional Radiology

---
Hyeon Yu, MD

**Specialties:** Radiology, Vascular Medicine, Vascular Surgery

**Subspecialty:** Radiology - Vascular-Interventional Radiology

**Procedures and Research:** Oncologic intervention: transarterial chemoembolization, radioembolization, thermal ablation of liver tumors, uterine artery embolization; Venous intervention for portal hypertension: TIPS, B-RTO; Others: hepatobiliary and renal interventions, hemodialysis access management, CT angiography, MR angiography

**Special Interests:** Interventional management of liver malignancy, percutaneous abscess drainage, endovascular management of endoleak in abdominal aortic aneurysm repair, interventional management of portal hypertension including TIPS and B-RTO.

**Medical School:** Chung-Ang University

**Residency:** Chung-Ang University Hospital

**Area:** Diagnostic Radiology

**Fellowship:** University of North Carolina at Chapel Hill

**Area:** Vascular and Interventional Radiology

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Associate Professor; Associate Program Director, Diagnostic Radiology Residency Program

Specialties: Radiology, Vascular Medicine, Vascular Surgery

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Vascular Medicine (cont.)

Hyeon Yu, MD
Associate Professor

Specialties: Radiology, Vascular Medicine, Vascular Surgery
Subspecialty: Radiology - Vascular-Interventional Radiology

Procedures and Research: Oncologic intervention: transarterial chemoembolization, radioembolization, thermal ablation of liver tumors, uterine artery embolization; Venous intervention for portal hypertension: TIPS, B-RTO; Others: hepatobiliary and renal interventions, hemodialysis access management, CT angiography, MR angiography

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Vascular Surgery (cont.)

**Kyung Kim, MD**  
*Assistant Professor*

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Associate Professor

Specialties: Radiology, Vascular Medicine, Vascular Surgery

Subspecialty: Radiology - Vascular-Interventional Radiology

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