

## CURRICULUM VITAE

### **PERSONAL INFORMATION**

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Davidson, Jon C., M.D., FSIR  
Department of Interventional Radiology  
Associate Professor, Case Western Reserve University School of Medicine  
University Hospitals Cleveland Medical Center

### **Education:**

Jefferson Medical College, Philadelphia, PA  
Medical Doctorate  
September 1991 – June 1995

Pennsylvania State University  
BS Degree  
August 1987 – May 1991

### **Post Graduate Training:**

Cleveland Clinic Foundation  
Clinical Scholar, Vascular Interventional Radiology  
Department of Radiology  
July 2002 – December 2002

Cleveland Clinic Foundation  
Fellow, Vascular and Interventional Radiology  
Department of Radiology  
July 2001 – June 2002

Cleveland Clinic Foundation  
Resident, Diagnostic Radiology  
Department of Radiology  
July 1997 – June 2001

Cleveland Clinic Foundation  
Residency, General Surgery  
Included 7 months of vascular surgery.  
July 1995 – June 1997

### **Contact Information:**

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Cleveland, OH 44106  
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9820 Brecksville Road  
Brecksville, OH 44141  
216-401-6281

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## **PROFESSIONAL APPOINTMENTS**

### **Division Chief, Department of Interventional Radiology**

University Hospitals Cleveland Medical Center  
Department of Interventional Radiology  
March 2019-February 2025

VIR Fellowship Director and IR/DR Residency Program Director  
University Hospitals Cleveland Medical Center  
Department of Radiology  
2011 - 2020

### **Academic Appointments:**

Staff Vascular and Interventional Radiologist  
Department of Interventional Radiology  
Imaging Institute  
Cleveland Clinic  
January 2003 – December 2008

Assistant Professor  
University Hospitals/Case Western Reserve University  
Department of Radiology  
January 2009 – August 2019

Associate Professor  
University Hospitals/Case Western Reserve University  
Department of Radiology  
August 2019-Present

Interim Division Chief  
University Hospitals Cleveland Medical Center  
Department of Interventional Radiology  
January 2011-November 2012

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## **CERTIFICATION AND LICENSURE**

State of Ohio Medical Board  
# 35-082066D

American Board of Radiology  
Diplomat  
2001  
United States Medical Licensing Exam  
2002

American Board of Radiology  
Interventional Radiology  
2004

American Board of Radiology  
Diplomate

2001

USMLE Completed  
2002

American Board of Radiology  
Vascular and Interventional Radiology  
2004

#### **HONORS AND AWARDS**

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Best Doctors in America ® list in Vascular & Interventional Radiology Cleveland's Top Doctors in the August 2015 issue of Cleveland Magazine. Best Doctors in America ® list in Vascular & Interventional Radiology Cleveland's Top Doctors in the August 2016 issue of Cleveland Magazine. Named to the Leading Physicians of the World Cleveland's Top Doctors in the August 2017 issue of Cleveland Magazine Best Doctors in America ® list in Vascular & Interventional Radiology Best Doctors in America ® list in Vascular & Interventional Radiology Scholarship for the SIR International Visiting Professor Program Fellow, Society of Interventional Radiology (FSIR) Best Doctors in America ® list in Vascular & Interventional Radiology Best Doctors in America ® list in Vascular & Interventional Radiology Best Doctors in America ® list in Vascular & Interventional Radiology Best Doctors in America ® list in Vascular & Interventional Radiology 2015-2025

#### **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

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American College of Radiology, Member	current
Society of Interventional Radiology, Member	current
Radiological Society of North America, Member	current
International Association of Radiologists	current

#### **PROFESSIONAL SERVICES**

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##### **Editorial Boards**

Journal of Vascular and Interventional Radiology  
Reviewer, 10/2009 – present

Vascular & Interventional Radiology Section Editor, Journal of Abdominal Radiology  
December 2018 - present

Society of Interventional Radiology  
Abstract Reviewer, 3/2010 – present

Cardiovascular Diagnosis and Therapy  
Reviewer, 1/2016-present

Cardiovascular & Hematological Disorders-Drug Targets

Editorial Advisory Board, 2/2017-present

Abdominal Radiology  
Interventional Radiology Section Editor and Reviewer 1/2019-present

EngMedicine  
Associate Editor 6/2025-present

Serve on the Technical Advisory Board for Trisalus Life Sciences 2017-present.

Serve as a proctor for Sirtex Medical 2018-present.

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## **COMMITTEE SERVICE**

### **National**

**Vice President & President-Elect,**  
ACIR (Association of Chiefs in  
Interventional Radiology) Elected March  
2025, Term through March 2029

American Program Directors of Interventional Radiology  
Interventional Radiology Curriculum Committee  
Member, 10/2009-03/2018

Society of Interventional Radiology  
Technology Assessment Committee  
Member, 3/2010-12/2020

Society of Interventional Radiology  
Standards of Practice Committee.  
Member, 3/2010-04/2020

Society of Interventional Radiology  
Reporting and Archiving of Interventional Radiology Procedures  
Representative, 2011-present

American Board of Radiology  
IR/DR Oral Content Development Committee  
Member, 2015-present

Society of Interventional Radiology  
SIR Procedure Playbook Workgroup Member  
Member, 2016- present

American Board of Radiology  
Online Longitudinal Assessment  
Exam writer for IR Maintenance of Certification, 2017- present

Society of Interventional Radiology  
2017 Grassroots Leadership Program  
Member, 2017-present

Society of Interventional Radiology  
Fellow, 3/2018-present

GEST (Global Embolization Symposium & Technologies) Meeting Committee on Research 2018- Present

**American Board of Radiology IR/DR Oral Board Examiner**

2019-Present

**Hospital Affiliate**

University Hospitals of Cleveland Department of Radiology Education Committee	2009-2011
Case Western Reserve School of Medicine Admissions Committee	2010- present
University Hospitals of Cleveland UH H-HVI Aortic Center	2015-present.
University Hospitals of Cleveland Digestive Health Institute Member	2016-present
Case Western Reserve University School of Medicine Committee on Medical Education Member	2016-present
Case Western Reserve University School of Medicine Student Portfolio Reviewer Member	2016-present
Case Western Reserve University School of Medicine Student SOAP Note Evaluator Member	2016-present
UHMG President Advisory Group University Hospitals Cleveland Medical Center Member	2017-present

**TEACHING ACTIVITIES**

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**Curriculum/Course Development**

Vascular and Interventional Radiology Fellowship Curriculum	current
Participation Milestone Evaluation Tools for Residents	current
Participation in Resident Selection Interviews	current

**Presentations**

**Didactic and Case-based Resident Lecture Series:**

Percutaneous Abscess Drainage

- Chest
- Abdomen
- Pelvis

MRI of the Abdomen  
Splenic Imaging  
Ultrasound-guided Interventions Update  
Ultrasound of the Abdomen  
Ultrasound of the liver  
Ultrasound of the Thyroid  
Multiple case conferences

**OB/GYN Grand Rounds:**

“Interventional Radiology in Women’s Health”  
UHCMC - 2017 September 6

**Trainees/Mentees**

**Fellows**

Manzoor Ahmed 2012-2013  
Ammar Hindi 2013-2014  
Joseph Villard 2014-2015  
Henry Woods 2015-2016  
Gurpreet Sandhu 2016-2017  
David Pinter 2017-2018  
Ali Jon 2018-2019

**Residents**

40 residents annually, 10 per class

Hand over hand training with residents for interventional procedures

**Medical Students**

First Year Medical Student (Case Western Reserve University School of Medicine)  
Mentor to Ayana Dambaeva 5/2018-8/2018  
“Surefire Catheter vs. Standard End-hole Microcatheter in yttrium-90 Distribution and Tissue Penetration: A Pilot Study”  
Supported by NIH/NIDDK

9 case students

26 Contact Hours

Summary ePortfolio reviews (1st and 2nd yr Case medical students) 15 reviews completed, 30 hours teaching time.

Preceptor for Medical Students 1 - 2 per month  
Weekly Review Sessions

**RESEARCH SUPPORT**

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1. A phase Ib/II study of Yttrium-90 radioembolization with Nivolumab for treatment of liver and extra-hepatic metastases from colorectal cancer.  
Study number is CASE 3216. Case Comprehensive Cancer Center  
Co-investigator, contributing approximately 50 % effort to overall study.  
Funded by Bristol-Myers Squibb  
Expiration Date: Initial IRB approval
2. Acquisition of Human Liver Cancer Specimens and Serum to Study the Causes, Diagnosis, Prevention, and Treatment of Liver Cancers,  
Study number is CASE 4216,  
Co-Investigator, contributing approximately 20% effort  
Expiration Date: Pending – Submitted for Initial Review
3. Surefire vs. Endhole for DEB-TACE: Quantifying Hepatic Artery Embolization to Improve Outcomes (A Comparison of Two Different Catheter Systems for DEB-TACE)  
Principal Investigator  
Funded by Surefire Medical Inc.  
ClinicalTrials.gov Identifier: NCT02748161  
Pending IRB approval
4. Primary or Secondary Liver Neoplasia HUD Treatment Protocol  
(IRB# 01-17-10C)  
Principal Investigator  
Funded by BTG International  
Expiration Date: Pending – Submitted for Initial Review
5. 3D Printer Based Simulation and Education Curriculum  
(IRB #11-16-06)  
Co-Investigator  
Expiration Date: Pending – Submitted for Initial Review
6. Retrospective Review of Denali IVC Filter Implantations  
(IRB# 09-16-09)  
Co-Principal Investigator, contributing 50 % effort to overall study.  
Expiration date: 09/18/18
7. Interventional Management of Hepatic Malignancies  
(IRB #11-14-38)  
Co-Investigator, contributing 25% effort to overall study.  
Expiration date: 01/24/2018
8. Radiation-Emitting SIR-Spheres in Non-Resectionable (RESIN) Liver Tumor Patient Registry  
(IRB# 10-16-05C)  
Principal Investigator  
Funded by Sirtex Medical  
Expiration Date: 11/13/17
9. Predicting the Safety and Effectiveness of Inferior Vena Cava Filers (PRESERVE)  
(IRB #03-15-53)  
Principal investigator  
Funded by New England Research Institutes, Inc.  
Expiration date: 07/21/17
10. Retrospective Study on Safety and Efficacy of FISH closure device

(IRB #06-15-38)

Co-investigator, contributing 75% effort to overall study.

Expiration date: 06/20/17

11. The Association between the “bovine arch” and aortic disease  
(IRB # 10-13-33)  
Co-investigator  
Closed 12/06/15
12. The clinical significance of pulse volume recording in vascular surgery practice  
(IRB # 12-11-20)  
Co-investigator  
Closed 02/04/2014
13. Clinical Protocol for Post Market Evaluation of Akonya Eliminator  
(IRB #77-26)  
Principal investigator  
Funded by Idev Technologies, Inc.  
Closed 06/10/2008
14. The PROOF Study. The Cordis PROtection from Pulmonary Embolism with Permanent Opt Ease Filter –Post Marketing Surveillance Study  
(IRB #70-06)  
Co-investigator  
Closed 09/22/2007
15. A Phase 3, Open-Label, Multicentre Study to Determine Efficacy and Safety of VISIPAQUE (Iodixanol) Injection for Use IN Intravenous Contrast-Enhanced CT Angiography of Abdominal Visceral Vessels.  
(IRB #65-76)  
Co-investigator  
Closed 07/15/2007
16. Protocol DXV 303: A Phase 3, open-label, multicentre study of efficacy and safety of Visipaque (Iodixanol) in subjects with suspected peripheral arterial occlusive disease undergoing intravenous contrast-enhanced computed tomographic angiography.  
(IRB #60-52)  
Co-Investigator  
Closed 02/06/2007
17. Evaluation of the Zilver Vascular Stent in the Iliac Arteries.  
(IRB #58-35)  
Co-Investigator  
Closed 10/05/2006
18. BRAVO: Beta Radiation for Treatment of Arterial-Venous Graft Outflow.  
(IRB #55-65)  
Co-Investigator  
Closed 05/28/04.
19. Randomized, multi-center open label study of the safety (open-label) and efficacy(open-label & blinded reader) of Magnevist injection-enhanced magnetic resonance arteriography (MRA) at two dose levels and 2-dimensional-time-of-flight (2D-TOF) MRA in patients undergoing MRA of the infrarenal aorta and peripheral arteries with intra-arterial subtraction angiography (i.e. DSA) as standard of reference.

(IRB #59-38)  
Co-Investigator  
Closed 05/28/04.

20. A Prospective, Non-Randomized Evaluation of the Embolic Pearls (Concentric Medical, Inc.)  
(IRB #63-11)  
Co-Investigator  
Closed 05/28/04

## **BIBLIOGRAPHY**

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### **Peer Reviewed Articles**

1. **J C Davidson**, D M Einstein, B R Herts, D M Balfe, R E Koehler, D E Morgan, M Lieber, and M E Baker “Comparison of Two Barium Suspensions for Dedicated Small-Bowel Series.” *American Journal of Radiology* 1999; 172: 379 – 382.
2. **Jon C. Davidson**, David M. Einstein, Mark E. Baker, Brian R. Herts, Erick M. Remer, Renee M. Kolonick, Cindy J. Doinoff, and Michael Lieber “Feasibility of Instructing Radiologic Technologists in the Performance of Gastrointestinal Fluoroscopy.” *American Journal of Roentgenology* 2000 175:5, 1449-1452
3. Almhanna K, Pelley RJ, Thomas Budd G, **Davidson J**, Moore HC. “Subcutaneous implantable venous access device erosion through the skin in patients treated with anti-vascular endothelial growth factor therapy: a case series.” *Anticancer Drugs*. 2008 Feb;19(2):217-9. doi: 10.1097/CAD.0b013e3282f2c063.
4. S. Mehandru , J. Kent, A. Sattar, **J. Davidson**, M. Passalacqua, J.D. Prologo, *Radiology*, “Effect of Time to Intervention on outcome of image guided percutaneous thrombectomy in the setting of clotted surgical dialysis access sites” University Hospitals Cleveland Medical Center, Cleveland, OH. March 2011 Volume 22, Issue 3, Supplement, Pages S96–S97
5. Caplin DM1, Nikolic B, Kalva SP, Ganguli S, Saad WE, Zuckerman DA; Society of Interventional Radiology Standards of Practice Committee. Collaborators (25), Angle JF, Brown DB, Chan D, Dariushnia SR, **Davidson JC**, d’Othee BJ, Itkin M, Khan AA, Kim HS, Martinez-Salazar GM, Postoak D, Sabharwal T, Saiter CK, Schwartzberg MS, Shah SS, Siddiqi NH, Sofocleous CT, Stokes L, Suri R, Swan TL, Thorpe PE, Towbin R, Venkatesan A, Wallace MJ, Wojak J. “Quality improvement guidelines for the performance of inferior vena cava filter placement for the prevention of pulmonary embolism” *J Vasc Interv Radiol*. 2011 Nov;22(11):1499-506. doi: 10.1016/j.jvir.2011.07.012. Epub 2011 Sep 3.
6. Miller D (1), Balter S, Dixon RG, Nikolic B, Bartal G, Cardella JF, Dauer LT, Stecker MS; Society of Interventional Radiology Standards of Practice Committee. Collaborators: Dixon G, Nikolic B, Cardella JF, Angle J, Brown DB, Chao CP, Cohen AM, Dariushnia SR, **Davidson JC**, d’Othee B, Duncan JR, Ganguli S, Gross K, Larsen D, Nemcek AA Jr, Oteham A, Pavlicek W, Schueler B, Statler JD, Suri R, Thornton R, Towbin R, Wagner LK, Wasler EM, Wojak J, Zuckerman DA. “Quality improvement guidelines for recording patient radiation dose in the medical record for fluoroscopically guided procedures.” *J Vasc Interv Radiol*. 2012 Jan;23(1):11-8. doi: 10.1016/j.jvir.2011.09.004. Epub 2011 Nov 6. PMID: 22057151
7. Patel IJ<sup>1</sup>, **Davidson JC**, Nikolic B, Salazar GM, Schwartzberg MS, Walker TG, Saad WA; Standards of Practice Committee, with Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Endorsement; “Consensus guidelines for periprocedural management of coagulation status and hemostasis risk in percutaneous image-guided interventions” *J Vasc Interv Radiol*. 2012 Jun;23(6):727-36. doi: 10.1016/j.jvir.2012.02.012. Epub 2012 Apr 17.
8. Patel NH1, Krishnamurthy VN, Kim S, Saad WE, Ganguli S, Walker TG, Nikolic B; CIRSE and SIR Standards of Practice Committees. Collaborators (26) Dariushnia SR, Angle JF, Brown DB, Chan D, **Davidson JC**, d’Othee BJ, Itkin M, Kalva SP, Khan AA, Kim HS, Martinez-Salazar GM, Postoak D, Sabharwal T, Saiter CK, Schwartzberg MS, Shah SS, Siddiqi NH, Sofocleous CT, Stokes L, Suri R, Swan TL, Thorpe PE, Towbin R, Venkatesan A, Wojak J, Zuckerman DA. “Quality

improvement guidelines for percutaneous management of acute lower-extremity ischemia.”  
J Vasc Interv Radiol. 2013 Jan;24(1):3-15. doi: 10.1016/j.jvir.2012.09.026.

9. Patel IJ, **Davidson JC**, Nikolic B, Salazar GM, Schwartzberg MS, Walker TG, Saad WE; “Addendum of newer anticoagulants to the SIR consensus guideline.” Standards of Practice Committee, with Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Endorsement.; Standards of Practice Committee of the Society of Interventional Radiology. J Vasc Interv Radiol. 2013 May;24(5):641-5. doi: 10.1016/j.jvir.2012.12.007.
10. Sheth RA(1), Walker TG(1), Saad WE(2), Dariushnia SR(3), Ganguli S(1), Hogan MJ(4), Hohenwalter EJ(5), Kalva SP(6), Rajan DK(7), Stokes LS(8), Zuckerman DA(9), Nikolic B(10); Society of Interventional Radiology Standards of Practice Committee. Collaborators: Angle JF, Annamalai G, Arellano RS, Athreya S, Baerlocher M, Balter S, Baskin KM, Brown DB, Caplin DM, Clark TW, **Davidson JC**, d'Otthee J, Eyheremendy EP, Goldberg SN, Itkin M, Khan AA, Kim HS, Krishnamurthy V, Lee CE, Mahajan A, Malloy P, Salazar GM, McGraw JK, Miller DL, Meyers PM, Osmis RB, Owens CA, Postoak D, Pua U, Roberts AC, Rose SC, Saad N, Sabharwal T, Sapoval MR, Saiter CK, Schwartzberg MS, Shah SS, Siddiqi NH, Smith TP, Sofocleous CT, Stone JR, Suri R, Swan TL, Thornton RH, Thorpe PE, Towbin R, Venkatesan A, Wojak JC, Lewis CA, Sacks D. “Quality improvement guidelines for vascular access and closure device use.” J Vasc Interv Radiol. 2014 Jan;25(1):73-84. doi: 10.1016/j.jvir.2013.08.011. Epub 2013 Oct 25 PMID: 24209907
11. Sheth RA, Walker TG, Saad WE, Dariushnia SR, **Davidson JC**, Ganguli S, Hogan MJ, Hohenwalter EJ, Kalva SP, Rajan DK, Stokes LS, Zuckerman DA, Nikolic B; Society of Interventional Radiology Standards of Practice Committee. Quality improvement guidelines for vascular access and closure device use. J Vasc Interv Radiol. 2014 Jan;25(1):73-84. doi: 10.1016/j.jvir.2013.08.011. Epub 2013 Oct 25. PMID: 24209907.
12. Bhojwani N, Hartman JB, Ahmed M, Morgan R, Davidson JC. “Management of ureteral obstruction in crossed fused renal ectopia: A case report.” Canadian Urological Association Journal. 2014;8(9-10):E752-E754. doi:10.5489/cuaj.2050.
13. Dariushnia SR(1), Gill AE(2), Martin LG(2), Saad WE(3), Baskin KM(4), Caplin DM(5), Kalva SP(6), Hogan MJ(7), Midia M(8), Siddiqi NH(9), Walker TG(10), Nikolic B(11); Society of Interventional Radiology Standards of Practice Committee. Collaborators: Dariushnia SR, Saad WE, Nikolic B, Angle J, Annamalai G, Arellano RS, Athreya S, Baerlocher MO, Balter S, Brown DB, Chao CP, **Davidson JC**, d'Otthee B, Ganguli S, Hogan MJ, Hohenwalter EJ, Khan AA, Kim HS, Krishnamurthy V, Lee CE, Salazar GM, McGraw J, Owens CA, Roberts AC, Rose SC, Saad N, Sabharwal T, Sapoval MR, Saiter CK, Shah SS, Smith TP, Sofocleous CT, Stokes L, Stone JR, Suri R, Swan TL, Thornton RH, Towbin R, Turba UC, Venkatesan A, Wojak JC. “Quality improvement guidelines for diagnostic arteriography.” J Vasc Interv Radiol. 2014 Dec;25(12):1873-81. doi: 10.1016/j.jvir.2014.07.020. Epub 2014 Sep 18. PMID: 25241301
14. Dariushnia SR, **Davidson JC**, Nikolic B, Stokes LS, Spies JB; Society of Interventional Radiology Standards of Practice Committee. Quality improvement guidelines for uterine artery embolization for symptomatic leiomyomata. J Vasc Interv Radiol. 2014 Nov;25(11):1737-47. doi: 10.1016/j.jvir.2014.08.029. Epub 2014 Oct 23. PMID: 25442136.
15. Yasmine Ahmed, **Jon Davidson**, Nami Azar “Ultrasound-guided Transcutaneous Embolization of Uterine Arteriovenous Fistula Performed for Treatment of Symptomatic, Heavy Vaginal Bleeding: Case Report with Brief Review of Literature” Journal of Medical Ultrasound Volume 23, Issue 3, September 2015, Pages 146-149 <http://dx.doi.org/10.1016/j.jmu.2015.07.001>
16. Dariushnia SR(1), Haskal ZJ(2), Midia M(3), Martin LG(4), Walker TG(5), Kalva SP(6), Clark TW(7), Ganguli S(8), Krishnamurthy V(9), Saiter CK(10), Nikolic B(11); Society of Interventional Radiology Standards of Practice Committee. Collaborators: Aeron G, Angle JF, Annamalai G, Arellano R, Athreya S, Baerlocher MO, Balter S, Baskin K, Brennan I, Brook O, Brown DB, Caplin D, Censullo M, Chamsuddin A, Chao C, Dagli MS, **Davidson J**, Devane A, Eyheremendy E, Fintelmann F, Gemmete J, Gendel V, Gould J, Graham T, Hancock J, Hogan M, Hohenwalter E, d'Otthee BJ, Khan A, Kim HS, Kohi MP, Lee C, Mani NB, Martinez-Salazar G, McGraw JK, Meyers P, Miller DL, Mitchell JW, Morris C, Patel I, Pillai A, Pua U, Redstone E, Roberts AC, Sabharwal T, Sapoval M, Schiro BJ, Shah S, Shyn P, Padia SA, Siddiqi N, Silberzweig JE, Stokes L, Suri R, Swan T, Turba U, Venkatesan A, Weinstein JL, Wojak JC. “Quality Improvement

Guidelines for Transjugular Intrahepatic Portosystemic Shunts.” *J Vasc Interv Radiol.* 2016 Jan;27(1):1-7. doi: 10.1016/j.jvir.2015.09.018. Epub 2015 Nov 21. PMID: 26614596

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23. **Davidson JC**. Journal of Legal Nurse Consulting. “IVC Filters: What are they, and what are the medical-legal ramifications?” Accepted for publication, June 2017, *Interventional Radiology*, vol.28, no. 2.
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25. Partovi S, Trischman T, Sheth RA, Huynh TT, **Davidson JC**, Prabhakar AM, Ganguli S. Imaging workup and endovascular treatment options for aorto-enteric fistula. *Cardiovascular Diagnostic and Therapy.* 2017. Doi: 10.21037/cdt.2017.10.05.
26. Rahim S, **Davidson JC**, “Clinical Approach to the Trauma Patient” *Journal of Radiology Nursing*, December 2017, Volume 36, Issue 4, pages 200-205.

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31. **Davidson JC**, Rahim S, Hanks SE, Patel IJ, Tam AL, Walker TG, Weinberg I, Wilkins LR, Sarode R, "Society of Interventional Radiology Consensus Guidelines for the Periprocedural Management of Thrombotic and Bleeding Risk in Patients Undergoing Percutaneous Image-Guided Interventions-Part I: Review of Anticoagulation Agents and Clinical Considerations". Endorsed by the Canadian Association for Interventional Radiology and the Cardiovascular and Interventional Radiological Society of Europe. Journal of Vascular and Interventional Radiology 2019 Aug;30(8):1155-1167.
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36. Patel, IJ, **Davidson JC**, Tam AL, Weinberg I, "This Is Spinal Tap". Journal of Vascular and Interventional Radiology. 2022 Sep, 33(9): 1122-1123, doi: 10.1016/j.jvir.2022.06.001. Epub 2022 Jun 9.
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38. Zhong, B., Jia, Z., Song, H., Zhang, W., Chen, L., Hong, D., **Davidson, JC**, Guan, J., Zhong, J., Tang, A.,

Peng, Z., Ni, C., Yan, Z., & Teng, G. (2025). Precision transarterial chemoembolization in hepatocellular carcinoma: patient selection, standardized techniques, and quantitative evaluation. *Hepatobiliary Surgery And Nutrition*, 0. doi:10.21037/hbsn-24-545.

39. Mario Dervishi, MD, Alex Stevens, DO, Christopher Sutter, MD, Ignacio Chiong, MD, and **Jon Davidson, MD, FSIR**. Endovascular Management of Bleeding Ectopic Varices. *Techniques in Vascular and Interventional Radiology*, Volume 28, Issue 4, 2025, 101080, ISSN 1089-2516, <https://doi.org/10.1016/j.tvir.2025.101080>.

40. **Davidson JC**. The Enduring Value of Case Reports in Modern Radiology. *Int J Radiol Case Rep*. 2025; 2(2):74-75.

### **Book Chapters**

1. Shiraz Rahim, Indravadan J. Patel, and **Jon C. Davidson**, Percutaneous Image-Guided Interventions Including Solid Organ Biopsies, In: Management of Bleeding Patients, Teruya, Jun (Ed.), Springer Publishing, July 2016.
2. Daniel B. Gans, **Jon C. Davidson**, and Indravadan J. Patel, Acute Cholecystitis, Cholelithiasis, and Choledocholithiasis, In: Digestive Disease Interventions, Kapoor, Balijendra (Ed.), Thieme Publishing. 2017.
3. **Jon C. Davidson** and Jeffrey Farrell, Interventional Oncology, In: Pocket Interventional Radiology, Shiraz Rahim (Ed.), Wolters Kluwer, August 2018.
4. Shiraz Rahim, Indravadan J. Patel, and **Jon C. Davidson**, Percutaneous Image-Guided Interventions Including Solid Organ Biopsies, In: Management of Bleeding Patients, Teruya, Jun (Ed.), Second Edition, Springer Publishing, January 2021.

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### **INVITED PRESENTATIONS**

1. **Davidson J.** Percutaneous Vertebroplasty. 5th Annual Great Lakes Interventional Conference. Ypsilanti, Michigan, September 23-24, 2005.
2. **Davidson J.** Workshop Leader Percutaneous Vertebroplasty, Society of Interventional Radiology Annual Meeting. Seattle, Washington, March 2006.
3. **Davidson J.** Venous Access for the Home Infusion Patient. 6th Sixth Annual Great Lakes Interventional Conference, Ypsilanti, Michigan, April 27-28, 2007.
4. **Davidson J.** Treatments for Uterine Fibroids. Presented at UH Sponsored Seminar, “Fibroid Treatment Options” Marriott East, Warrensville Heights, Ohio, October 13, 2009.
5. **Davidson J.** Targeted Uterine Fibroid Embolization. UH OB/GYN Grand Rounds, Cleveland, Ohio, September 11, 2009.
6. **Davidson J.** Uterine Fibroid Embolization: Indications, Contraindications and New Applications. Family Practice Grand Rounds, Cleveland, Ohio, October 7, 2010.
7. **Davidson J.** Beyond X-Rays: Advances in Radiology. BioMed Tech Series. Great Lakes Science Center, Cleveland, Ohio June 12, 2010.
8. **Davidson J.** Uterine Artery Embolization and Gynecologic Embolotherapy. Cleveland Society of OB/GYN, Cleveland, Ohio January 19, 2011.
9. **Davidson, J.** An Interventional Radiology Approach to Venous Thrombolysis, 3<sup>rd</sup> annual Update in Vascular Disease, University Hospitals Cleveland Medical Center, Cleveland Ohio, April 7, 2012.
10. **Davidson J.** Treatments for Uterine Fibroids. Presented at UH Sponsored Seminar, “Fibroid Treatment Options” Corporate College, Beachwood, Ohio, May 23, 2012.
11. **Davidson J.** “Updates for Coagulation Parameters in IR” Angio Club, Columbus, Ohio April 13, 2013.

12. **Davidson J.** "Cross-sectional Extra-cranial Vascular Imaging: CTA vs MRA" Vascular Surgery UHCMC, Cleveland, Ohio, April 30, 2014.
13. **Davidson J.** "Interventional Radiology in Women's Health" OB/GYN Grand Rounds UHCMC, Cleveland, Ohio, March 12, 2014.
14. **Davidson J.** "CT vs. MRA in abdominal vasculature" 5th Annual Update in Vascular Disease, UHCMC, Cleveland, Ohio April 5, 2014 .
15. **Davidson J.** "Effectiveness of Simulation-based IVC Filter Placement Training for Radiology Residents: A Pilot Study" RSNA, Chicago, IL December 1, 2014.
16. **Davidson, J.** "Interventional Radiology Treatments for Liver Tumors" Radiology Grand Rounds, University Hospitals Case Medical Center. March 22, 2016.
17. **Davidson, J.** "Vascular Access: Basic techniques, pitfalls, and complications" Ohio Radiology Nurses Association Akron, OH 4/23/2016.
18. **Davidson, J.** The Maimed Kidney: When is Endovascular Treatment Appropriate, and How? GEST (Global Embolization Cancer Symposium Technologies) 2016 New York, New York 5/5/2016.
19. **Davidson, J.** "Interventional Radiology Treatments for Liver Tumors" Radiation Oncology Grand Rounds, University Hospitals Case Medical Center. May 31, 2016.
20. **Davidson, J.** "Locoregional Therapies for Liver Tumors" University Hospitals Medical Oncology Grand Rounds. August 10, 2016.
21. **Davidson, J.** "CTA Techniques, 3D and Other Advanced Vascular Imaging" Vascular Surgery Conference, University Hospitals, Case Medical Center. August 24, 2016.
22. **Davidson, J.** "Interventional Radiology Management of Vertebral Compression Fractures" Third Annual Radiology CME Series for the Clinician, University Hospitals Ahuja Medical Center, Cleveland, Ohio October 29, 2016.
23. **Davidson, J.** "Education and Safety" Scientific Session moderator. Society of Interventional Radiology Annual Meeting, Washington D.C. March 5, 2017.
24. **Davidson, J.** "Anti-coagulation Update for the IR Team" Self-assessment module (SAM) session, Society of Interventional Radiology Annual Meeting, Washington D.C. March 6, 2017.
25. **Davidson, J.** "Interventional Radiology in Women's Health" OB/GYN Grand Rounds, University Hospitals, Cleveland Medical Center. September 6, 2017.
26. **Davidson, J.** "Interventional Oncology Consensus: Intra-arterial Therapies" Self-assessment module (SAM) session, Faculty Coordinator, SIR Annual Meeting, Los Angeles, CA, March 18, 2018.
27. **Davidson, J.** "Challenges in Anticoagulation for the IR Team" Self-assessment module (SAM) session, Faculty Coordinator, SIR Annual Meeting, Los Angeles, CA, March 19, 2018.
28. **Davidson, J.** "Imaging: Oncology" Scientific Session Moderator, SIR Annual Meeting, Los Angeles, CA, March 19, 2018.
29. **Davidson, J.** "Use and Perfuse (arterial interventions)" Scientific Session Moderator, SIR Annual Meeting, Austin, TX, March 24, 2019.

30. **Davidson, J.** “Thrombotic and Bleeding Risks for the IR Team” Self-assessment module (SAM) session, Faculty Coordinator, SIR Annual Meeting, Austin, TX, March 25, 2019.
31. **Davidson, J.** “International Giveback Program-Developing relationships with the global IR community: China” SIR Annual Meeting, Austin, TX, March 25, 2019
32. **Davidson, J.** “Hepatocellular Carcinoma: TACE” Scientific Session Moderator, SIR Annual Meeting, Austin, TX, March 25, 2019.
33. **Davidson, J.** “Nationwide Multivariate Analysis of Patient Risk Factors and Antibiotic Prophylaxis for Port Placement” Oral Abstract Presentation, SIR Annual Meeting, Austin, TX, March 26, 2019.
34. **Davidson, J.** “Anticoagulation Updates for the IR Team” Ohio Radiology Nurses Association Annual Meeting, Cleveland, OH, April 13, 2019.
35. **Davidson, J.** “Interventional Oncology Abstract Session” Scientific Session Moderator, GEST (Global Embolization Symposium Technologies) Meeting, May 10, 2019.
36. **Davidson, J.** “GEST Stress Test: How Robust is Your Research Proposal?” GEST (Global Embolization Symposium Technologies) Meeting, May 10, 2019
37. **Davidson, J.** “Outcomes of TIPS for Variceal Bleeding” Portal Intervention Symposium at GEST (Global Embolization Symposium Technologies) Meeting, May 11, 2019.
38. **Davidson, J.** “Outcomes of TIPS for Variceal Bleeding” Portal Intervention Symposium at GEST (Global Embolization Symposium Technologies) Meeting, May 11, 2019.
39. **Davidson, J.** “Best abstracts of GEST 2020” Session Moderator GEST (Global Embolization Oncology Symposium Technologies) 2020, September 4, 2020.
40. **Davidson, J.** “Masterclass Demonstration and Panel Discussion” GEST (Global Embolization Oncology Symposium Technologies) 2020, September 5, 2020.
41. **Davidson, J.** “Portal Intervention Symposium Faculty Moderator” GEST (Global Embolization Oncology Symposium Technologies) 2020, September 5, 2020.
42. **Davidson, J.** “Culture of Safety in IR: Perspectives of an Expert Witness” **Keynote Speaker**, RISQCS (Radiology Interventions Safety, Quality, and Complications Symposium), September 11, 2020.
43. **Davidson, J.** “Best of GEST 2021: Best Abstracts of the Year”. Moderator, GEST (Global Embolization Symposium and Technologies), July 31, 2021.
44. **Davidson, J.** “Optimizing the patient treatment continuum, a best in class multi-disciplinary team approach to advancing personalized dosimetry with SurePlan Liver Y90”. Webinar. August 24, 2021.
45. **Davidson, J.** “RISQCS Complication Case Series”. Panelist, RISQCS (Radiology Interventions Safety, Quality, and Complications Symposium), September 11, 2021.
46. **Davidson, J.** “Anatomy of a Lawsuit: Perspectives of an IR Expert Witness” SIR 2022 Annual Meeting. Boston, MA. June, 2022

47. **Davidson, J.** “Controversies in IR: Video Recording of Patient Procedures” RISQCS Meeting Boston, MA September 10, 2022
48. **Davidson J.** “Litigation Landmines: Why Interventional Radiologists are in the Legal Crosshairs and How to Navigate Safely”. SIR 2023, Phoenix, AZ March 2023
49. **Davidson J.** “Medical-legal experiences in IR”. ORNA (Ohio Radiologic Nurses Association) Annual Meeting, Cleveland, OH April 2023
50. **Davidson J.** “Alternative Productivity Metrics for IR”. ACIR (Association of Chiefs in Interventional Radiology) Annual Meeting, Chicago, IL October 2023
51. **Davidson, J.** “Effective Conflict Resolution and Management in IR”. ACIR (Association of Chiefs in Interventional Radiology) Annual Meeting, Chicago, IL October 2023
52. **Davidson, J.** “Defining Standards of Practice (Benchmarking) Beyond SIR Guidelines (Why and How)”. ACIR Annual Meeting, Denver, CO. October 2024
53. **Davidson, J.** “Best of GEST 2025 Abstract Moderator”. GEST (Global Embolization Symposium and Technologies) 2025, New York, NY. May 15, 2025.
54. **Davidson, J.** “Hands-on Workshop: Coils and Plugs”. Faculty leader. New York, NY. GEST 2025, May 15, 2025.
55. **Davidson, J.** “Managing a Multi-Site IR Practice.” ACIR (Association of Chiefs in Interventional Radiology) Annual Meeting, San Diego, CA. October 8, 2025
56. **Davidson, J.** “Case based discussion-Emerging Locoregional Therapies.” GI Oncology Consortium, Cleveland, OH. September 9, 2025.
57. **Davidson, J.** “Palliative Strategies for Malignant Bile Duct Strictures: Stents or No Stents?” Digestive Diseases Interventions Annual Meeting, Ann Arbor, MI. November 9, 2025.
58. **Davidson, J.** “Malignant Biliary Disease.” Co-Facilitator and Panelist. Digestive Diseases Interventions Annual Meeting, Ann Arbor, MI. November 9, 2025.

## **INTERNATIONAL PRESENTATIONS**

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1. **Davidson, J.** "Locoregional Treatments for Liver Tumors: Experiences from the US" 2016 Meeting of Minimally Invasive Tumor Treatments Zigong, Sichuan, China. August 20, 2016
2. **Davidson, J.** "IR Liver Directed Therapies-Latest Developments" 2016 Meeting of Minimally Invasive Tumor Treatments Zigong, Sichuan, China. August 20, 2016
3. **Davidson, J.** " Hypogastric Nerve Block for Uterine Fibroid Embolization: Experience from the US" May 26, 2017. 5th International Congress of Gynaecology and Obstetrics (ICGO-2017) with the theme "Empowering Women's Health" Prague, Czech Republic, May 25-27, 2017
4. **Davidson, J.** "Liver Directed Intra-arterial Therapies: USA Experience/ Future Directions" Radiology Grand Rounds. Nanfang Hospital of the Southern China Medical University, Guangzhou, Guangdong, China, February 26, 2018.
5. **Davidson, J.** "Radioembolization and Future Directions: USA Experience" Interventional Radiology Regional Grand Rounds. Zhongda Hospital Southeastern China University, Nanjing, Jiangsu, China, January 14, 2019.
6. **Davidson, J.** "This is SIR" Interventional Radiology Grand Rounds. Lishui City Central Hospital, Lishui, Zhejiang, China. January 15, 2019.
7. **Davidson, J.** "SIRT with Y-90 Microspheres: Current Clinical Evidence and Practice" Interventional Radiology Academic Salon. Changzheng Hospital, Shanghai, China. January 16, 2019.

8. **Davidson, J.** “Trauma care in the US. The important contribution of Radiology” Pearls in Emergency Radiology Conference. Kuwait **CitDy**, Kuwait. February 13, 2020.
9. **Davidson, J.** “Portal Hypertension in IR” Pearls in Emergency Radiology Conference. Kuwait City, Kuwait. February 13, 2020.
10. **Davidson, J.** “Shock, Trauma, and IR: Where does IR fit in the management of acute post-traumatic hemorrhage” Pearls in Emergency Radiology Conference. Kuwait City, Kuwait. February 13, 2020.
11. **Davidson, J.** “Saving the Kidney: What is the role of IR in Renal Trauma” Pearls in Emergency Radiology Conference. Kuwait City, Kuwait. February 13, 2020.
12. **Davidson, J.** “Vena Cava Filters: When do they help?” Pearls in Emergency Radiology Conference. Kuwait City, Kuwait. February 14, 2020.
13. **Davidson, J.** “Technical Primer on Percutaneous Nephrostomies” Pearls in Emergency Radiology Conference. Kuwait City, Kuwait. February 14, 2020.
14. **Davidson, J.** “Management of Anti-platelet Medications: Pre, Peri, and Post” CIRSE (Cardiovascular and Interventional Radiological Society of Europe) 2020 Summit September 11, 2020.
15. **Davidson, J.** “Update on Anticoagulant Medications” CIRSE (Cardiovascular and Interventional Radiological Society of Europe) 2020 Summit September 11, 2020.
16. **Davidson, J.** “Pressure-enabled Drug Delivery for Liver Malignancies” Muhimbilli National Hospital Radiology Grand Rounds, Dar es Salaam, Tanzania August 9, 2022.
17. **Davidson, J.** “Pressure-enabled delivery and the future of locoregional immunotherapy.” ISMIO (International Society of Multidisciplinary Interventional Oncology) Annual Meeting, Suzhou, China, June 7, 2024
18. **Davidson, J.** “Re-Defining the Standard of Radiotherapy.”, ISMIO Annual Meeting, Suzhou, China, June 8, 2024
19. **Davidson, J.** “Personalized Dosimetry for Y-90.” ISMIO Annual Meeting, Suzhou, China, June 8, 2024
20. **Davidson, J.** “Advancing Y-90 Dosimetry: Personalized Approaches for Hepatocellular Carcinoma” ISMIO Annual Meeting. Suzhou, China, June 7, 2025
21. **Davidson, J.** “Combining TACE with Checkpoint Inhibitors for Intermediate-Stage HCC” ISMIO Annual Meeting. Suzhou, China, June 7, 2025
22. **Davidson, J.** “Microwave Ablation for Large Tumors: Techniques to Minimize Recurrence”. ISMIO Annual Meeting. Suzhou, China, June 7, 2025

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#### **POSTERS AND EXHIBITS**

1. Effectiveness of Simulation-based IVC Filter Placement Training for Radiology Residents: A Pilot Study. Ji Y. Buethe

MD, Nicholas L. Fulton MD, Daniel B. Gans MD, Stephen E. Dreyer MD, **Jon Davidson MD**, Mark R. Robbin MD. RNSA 2014, Chicago, Illinois.

2. "The Radiologist is in, but was it Worth the Wait? Radiology Resident Note Quality in an Outpatient Interventional Radiology Clinic". Salim E. Abboud, Stephanie Soriano, Rayan Abboud, Indravadan Patel, **Jon Davidson**, Nami R. Azar, Dean A. Nakamoto. Presented at American Association of University Radiologists Annual Meeting, San Diego, CA, 3/30/2016.
3. The Radiologist Is in, but Was It Worth the Wait? Radiology Resident Note Quality in an Outpatient Interventional CT and US Clinic. Oral Presentation. Salim Abboud, MD; Stephanie Soriano, MD; Indravadan Patel, MD; **Jon Davidson, MD**; Nami Azar, MD; Dean Nakamoto, MD. Association of University Radiologists 2016 Annual Meeting, March 31, 2016, San Diego, CA, USA.
4. A multi-institutional electronic medical record database analysis of the effectiveness of antibiotic prophylaxis for tunneled central venous catheters and chest ports. Distinguished abstract. S. Soriano, S. Abboud, I. Patel, **J. Davidson**. SIR meeting April 6, 2016, Vancouver, British Columbia, Canada.
5. A multi-institutional electronic medical record database analysis of the effectiveness of antibiotic prophylaxis for tunneled central venous catheters and chest ports. S. Soriano, S. Abboud, I. Patel, **J. Davidson** Oral Presentation at SIR

2016 4/5/2016 Vancouver, BC.

6. Diagnostic yield of repeat catheter angiography for gastrointestinal bleeding without other interval imaging or endoscopic evaluation Salim Abboud, MD; Stephanie Soriano, MD; Sasan Partovi, MD; Henry Woods, MD; Indravadan Patel, MD; **Jon Davidson, MD** GEST 2016 New York, New York 5/2016
7. Incidence of infection in patients undergoing chest port placement: A cohort study utilizing pooled, multi-institutional electronic health record data. S. Soriano, I. Patel, **J. Davidson**. Oral Presentation at RSNA, Chicago, Illinois November 29, 2016.
8. Portal Vein Embolization: "Who, What, Where, When, Why, and How" VI155-ED-WEB8 16008838. Daniel Gans, **Jon C Davidson**, Indravadan Patel, Eric McLoney, Christopher Sutter, and Sidhartha Tavri. RSNA Chicago, Illinois November 29, 2016. **Received Cum Laude Award**.
9. Beyond The Procedure: Choosing the best therapy for acute cholecystitis based on clinical assessment. Daniel Gans, MD, **Jon C Davidson, MD**, Christopher Sutter, MD, Sidhartha Tavri, MD, Eric McLoney, MD, Indravadan Patel, MD. Oral Presentation at SIR, Washington, DC, March 6, 2017.
10. Vascular Closure Devices: Past, Present, and Future Daniel Gans, MD, **Jon C Davidson, MD**, Christopher Sutter, MD, Sidhartha Tavri, MD, Eric McLoney, MD, Indravadan Patel, MD. Oral Presentation at SIR, Washington, DC, March 6, 2017.
11. "Left-sided Portal Hypertension in the Presence and Absence of Splenic Vein Thrombosis: A Single Tertiary Experience" Lisa Walker, MD, Teodora Bochnakova, MD; Divya Kumari, MD; Eric McLoney, MD; Christopher Sutter, MD; **Jon Davidson, MD**; Indravadan Patel, MD; Sidhartha Tavri, MD. Oral Presentation at SIR, Los Angeles, CA, March 19, 2018.
12. "Role of Interventional Radiology in Obstetric and Gynecology Emergencies" Divya Kumari, MD; Teodora Bochnakova, MD; Lisa Walker, MD; Sidhartha Tavri, MD; **Jon Davidson, MD**; Eric McLoney, MD; Indravadan Patel, MD. Oral Presentation at SIR, Los Angeles, CA, March, 2018.
13. "Surefire Catheter Versus Standard End-Hold Microcatheter in Liver Directed Therapy: A Retrospective Study" Ayana Dambaeva, Divya Kumari, MD; Lisa Walker, MD; Indravadan Patel, MD; **Jon Davidson, MD**. Oral Presentation at Case Western Reserve University School of Medicine Lepow Research Day, Cleveland, OH, September 2018.
14. "Immune Checkpoint Inhibitors for the Treatment of Advanced Hepatocellular Carcinoma: A Primer for the Interventional Radiologist" Felipe Matsunaga, MD; David Bajor, MD; **Jon Davidson, MD**; Sidhartha Tavri MBBS. Oral Presentation at SIR Annual Meeting, Austin, TX, March 2019.
15. "Surefire Catheter Versus Standard End-Hole Microcatheter in Liver Directed Therapy: A Retrospective Study" Divya Kumari, MD; Ayana Dambaeva; Lisa Walker, MD; Indravadan Patel, MD; **Jon Davidson, MD**. Oral Presentation at SIR Annual Meeting, Austin, TX, March, 2019.

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#### **MISCELLANEOUS**

1. Case Western Reserve School of Medicine, Faculty Facilitator Case Inquiry. Small Group Sessions, November 8 – December 10, 2010
2. University Hospital Case Medical Center, Radiology Faculty Preceptor for the Radiology Assistant Program, 2012 – Present
3. Faculty sponsor for Case Western School of Medicine Interventional Radiology Interest Group 2012-Present

4. Faculty sponsor for Padua Franciscan High School MedTrack Program Summer of 2014 and 2019.
5. Was accepted into the inaugural class of the **Fellowship in Clinical Leadership and Transformation** at University Hospitals (November 2023)