CURRICULUM VITAE

Cicero Torres Silva, MD

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**Contact information:**

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**Education:**

M.D. Universidade Estadual de Londrina – Londrina, Brazil, 1997

**Career/Academic Appointments:**

1999–2002 Radiology Resident, Hospital Santa Marcelina, Sao Paulo, Brazil

2002–2003 Radiology Residency Preceptor, Hospital Santa Marcelina , Sao Paulo, Brazil

2002 Computed Tomography Observer, Hospital das Clinicas, FMUSP, Sao Paulo, Brazil

2002 Abdominal Radiology Observer, NYU Medical Center, New York, NY

2002 Neuroradiology / Abdominal Radiology Observer, UT MD Anderson Cancer Center, Houston, TX

2003–2005 Pediatric Radiology Clinical Fellow, Royal Children’s Hospital, Melbourne, Australia

2005–2007 Pediatric / Neuro-Pediatric Radiology Clinical Fellow, Hospital for Sick Children, Toronto, Canada

2007–2008 Associate Consultant, Pediatric Radiology, King Faisal Hospital and Research Centre, Riyadh, Saudi Arabia

2008–2014 Assistant Professor, Department of Diagnostic Radiology, Section of Pediatric Radiology, Yale School of Medicine, New Haven, CT

2014–2023 Associate Professor, Department of Diagnostic Radiology, Section of Pediatric Radiology, Yale School of Medicine, New Haven, CT

2023–present Professor, Department of Diagnostic Radiology, Section of Pediatric Radiology, Yale School of Medicine, New Haven, CT

**Administrative Positions:**

2018–present Chief, Pediatric Radiology Section, Department of Radiology & Biomedical Imaging, Yale School of Medicine, New Haven, CT

2012–2018 Chair, Thesis Committee for Diagnostic Radiology, Yale School of Medicine, New Haven, CT

**Board Certification:**

2002 Brazilian Board of Radiology: Radiology

2015 American Board of Radiology: Diagnostic Radiology

2017 American Board of Radiology: Subspecialty in Pediatric Radiology

**Professional Honors & Recognition**

***International/National/Regional***

2019 American Journal of Roentgenology Journal Club Feature Article “Effect of reader and patient parameters in the performance of last-image-hold for fluoroscopic grading of vesicoureteric reflux”

2016 Global Humanitarian Award, American College of Radiology Foundation, presented to the World Federation of Pediatric Imaging (WFPI) for its “extraordinary volunteer efforts to improve quality access to sustainable radiological care throughout the world” (WFPI Outreach and Training led by Cicero Silva)

2011 RSNA Clinical Trials Methodology Workshop

2010 Walter E. Berdon Award for Best Basic Research Paper in Pediatric Radiology in 2009

2009 Association of University Radiologists – Philips Academic Faculty Development Program

2009 Walter E. Berdon Award for Best Basic Research Paper in Pediatric Radiology in 2008

2008 Walter E. Berdon Award for Best Clinical Research Paper in Pediatric Radiology in 2007

2004 Honorable Mention – Educational Exhibit at XXXIII Congresso Brasileiro de Radiologia

2002 Runner-up award – Musculoskeletal Educational Exhibit at XXXII JPR Jornada Paulista de Radiologia (Sao Paulo Radiology Meeting) “Tutorial em Tumores Ósseos” (Tutorial on Bone Tumors)

***University***

2023 Honorable Mention for Excellence in Teaching – Yale Radiology class of 2027

2022 Honorable Mention for Excellence in Teaching – Yale Radiology class of 2022

2020 “Consultant of the Month” Award – Yale Pediatric Emergency Medicine, given to a consultant that embodies clinical excellence in an efficient, professional and family-first manner (“Dr. Silva’s professionalism, approachability and collegiality always promote teamwork and excellence in our collective work. Additionally, many nominations spoke of his willingness to go the extra mile and teach us in-depth as we co-manage acutely ill and injured children. His monthly radiology rounds with our group are incredibly well received and his frequent cameos on other case presentations provide superb insight from the radiology perspective.”)

2012 Special Award for Recognition in Teaching – Yale Radiology graduating class of 2012

**Grant/Clinical Trials History:**

***Current Grants***

Agency: NIH

I.D.# R01

Title: "Age-dependent heterogeneity in the efficacy of prophylaxis with enoxaparin against catheter-associated thrombosis in critically ill children"

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 0.6%

Total costs: $4,281,397

Project period: 07/01/2021 – 06/30/2026

***Current Clinical Trials***

***Past Grants***

Agency: NICHD

I.D.# R21

Title: "Prevention of catheter-related thrombosis in critically ill children"

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 1%

Total costs: $275,000

Project period: 08/17/2017 – 07/31/2020

Agency: American Heart Association

I.D.# Critical Care MPEDI 726016

Title: "Prevention of catheter-related thrombosis in critically ill children"

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 0.75%

Total costs: $140,000

Project period: 07/01/2016 – 08/16/2017

Agency: American Heart Association

I.D.# 14CRP20490002

Title: “Epidemiology of deep venous thrombosis in critically ill adolescents”

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 0%

Total costs: $150,000

Project period: 07/01/2014 - 06/30/2017

Agency: Yale Center for Clinical Investigation

I.D.# Yale Pediatric Faculty Scholars Program

Title: “Identification of Critically Ill Children at High Risk of Central Venous Catheter-Related Deep Venous Thrombosis”

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 0%

Project period: 07/01/2012 – 06/30/2014

Agency: Friends of the Yale New Haven Children’s Hospital

I.D.# Young Investigators Award

Title: “Post-thrombotic syndrome in critically ill children with central venous lines”

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 0%

Project period: 03/01/2012 - 05/01/2014

Agency: New York Medical College

I.D.# Intramural Research Support Program

Title: “Long term complications of central venous catheter-related deep venous thrombosis in critically ill children”

PI: Matthew G Pinto, MD

Role on Project: Co-investigator

Percent effort: 0%

Project period: 01/01/2012 - 12/31/2013

Agency: Yale Center for Clinical Investigation

I.D.# Yale Pediatric Faculty Scholars Program

Title: “Epidemiology of central venous line-related deep venous thrombosis in critically ill children”

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 0%

Project period: 08/01/2009 – 07/31/2011

***Past Clinical Trials***

Sponsor: Grifols, Inc.

Title: "Antithrombin activity and catheter-associated thrombosis in critically ill children"

PI: E Vincent Faustino, MD

Role on Project: Co-investigator

Percent effort: 0.12%

Total costs: $301,692

Project period: 09/30/2020 – 12/01/2023

# Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated with Yale:

***International/National***

2024 Atualiza24 – Circuito Nacional da Radiologia (Update24 – National Radiology Circuit). Online Course. Brazilian College of Radiology (world’s largest online professional hands-on course)

- Surgical pathology of the pediatric gastrointestinal tract

- Expert panel – pediatric radiology

2023 Latin-American Pediatric Radiology Congress. Latin-American Society of Pediatric Radiology, Sao Paulo, Brazil

- Sonography in the evaluation of midgut malrotation and midgut volvulus

2023 Atualiza23 – Circuito Nacional da Radiologia (Update22 – National Radiology Circuit). Online Course. Brazilian College of Radiology (world’s largest online professional hands-on course)

- Expert panel – pediatric radiology

2022 SCORCH Annual Meeting. Society of Chiefs of Radiology at Children’s Hospitals, Chicago, IL

- Neonatal MRI

2022 Feres Secaf Imaging Updates. Online Course. Diagnostic Imaging Society of Sao Paulo

- Urinary tract infection: imaging investigation

2022 Café Roentgen REF webinars. Online Course. Radiology Education Foundation of India and Cafe Roentgen (sole speaker – 250+ attendees from 28 countries)

- Antenatal urinary tract dilation: postnatal imaging investigation

- Urinary tract infection: imaging investigation

2022 Londrina State University, Londrina, Brazil

- Meaningful use of imaging in pediatrics (handout created)

2022 Atualiza22 – Circuito Nacional da Radiologia (Update22 – National Radiology Circuit).Online Course. Brazilian College of Radiology.

- Urinary tract infection: imaging investigation

2021 Congresso Brasileiro de Radiologia (Brazilian Radiology Congress). Brazilian College of Radiology. Sao Paulo, Brazil

- Sonography in midgut malrotation and necrotizing enterocolitis: current status

2021 JPR Jornada Paulista de Radiology (Sao Paulo Radiology Meeting). Diagnostic Imaging Society of Sao Paulo, Sao Paulo, Brazil

- Imaging evaluation of the pediatric and adolescent breast

2021 Londrina State University, Londrina, Brazil

- Pediatric neuro-sonography II

- Pediatric neuro-sonography I

- Pediatric renal lesions – imaging evaluation

2021 Pediatric Ultrasound Course. Society for Pediatric Radiology. Online due to COVID19

- Ultrasound of the pediatric orbit

2020 Londrina State University, Londrina, Brazil

- Imaging evaluation of the neonatal lung

- Current imaging of necrotizing enterocolitis

- Pneumonias in the pediatric population – imaging evaluation

2020 (Confirmed speaker on program but event cancelled due to COVID19) AOSPR Congress 2020. Asian and Oceanic Society for Paediatric Radiology, Davao City, Philippines

- Orbital ultrasound

- Renal mass and mass-like lesions

2020 (Confirmed speaker on program but event cancelled due to COVID19) 22nd Latin-American Pediatric Radiology Congress. Latin-American Society of Pediatric Radiology, Miami, FL

- Pediatric suprarenal anomalies: imaging evaluation

2020 (Confirmed speaker on program but event cancelled due to COVID19) SPR 2020 Annual Meeting and Categorical Course. Society for Pediatric Radiology, Miami, FL

- Ultrasound of the pediatric orbit

2019 Hospital de Pediatria Garrahan, Buenos Aires, Argentina

- Developmental dysplasia of the hip: imaging and screening controversies

- Pediatric GI/GU fluoroscopy

2019 SPR 2019 Annual Meeting and Categorical Course. Society for Pediatric Radiology, San Francisco, CA

- Ultrasound for necrotizing enterocolitis: utility and pitfalls

2019 AIUM 2019 Annual Convention. American Institute of Ultrasound in Medicine, Orlando, FL

- Findings easily missed or confused on neonatal bowel sonography

2018 AOSPR Congress 2018 & 16th Annual Meeting of ISPR. Asian and Oceanic Society for Paediatric Radiology & Indian Society of Pediatric Radiology, Chandigarh, India

- Pulmonary Infections in Children: Imaging Algorithm and Current Practice

- Film reading by Experts: “Fibrosing Mediastinitis”

2018 Paediatric Imaging Updates. Ministry of Health, Malaysian College of Radiology, and National Cancer Institute, Kuala Lumpur, Malaysia (keynote speaker – two-day course, audience of 200+ transnational radiologists, pediatricians, and surgeons)

- Non-bilious vomiting in neonates: imaging evaluation

- Bilious vomiting in neonates: imaging evaluation

- Neonatal midgut and hindgut abnormalities: imaging evaluation

- Antenatal urinary tract dilation: postnatal imaging investigation

- Urinary tract infection: imaging investigation

- Pediatric scrotal sonography

- Neonatal liver lesions

- Childhood liver lesions

- Pediatric suprarenal lesions: imaging evaluation

- Pediatric pelvic lesions: imaging evaluation

- Pediatric renal lesions: imaging evaluation

- Pediatric thoracic lesions: imaging evaluation

2018 SPR 2018 Annual Meeting and Categorical Course. Society for Pediatric Radiology, Nashville, TN

- Ultrasound of the orbits

- Ultrasound of the orbits (practicum)

- Ultrasound of the lungs (practicum)

2018 ARRS 2018. American Roentgen Ray Society, Washington, DC

- Sonographic evaluation of the pediatric thyroid and parathyroid glands

2017 20th Latin-American Pediatric Radiology Congress. Latin-American Society of Pediatric Radiology, Mexico City, Mexico

- Imaging of the pediatric thyroid and parathyroid

2017 SPR 2017 Annual Meeting and Categorical Course. Society for Pediatric Radiology, Vancouver, Canada

- Outreach: What Works, What Doesn’t and the Keys to Success – Onsite Outreach Panel (moderator and panelist)

2016 Ultrasound Course. Society for Pediatric Radiology, Orlando, FL

- Pediatric Ocular Sonography

2016 26th Annual Meeting. Society of Radiologists in Ultrasound, Baltimore, MD

- Imaging of the pediatric thyroid, parathyroid, and adrenal gland

2016 AOSPR Congress 2016. Asian and Oceanic Society for Paediatric Radiology, Kuching, Malaysia

- Pediatric Ocular Sonography

- Developmental Dysplasia of the Hip: Imaging and Screening Controversies

2016 First multidisciplinary Symposium on Diagnostic Imaging in Pediatrics. Santa Casa Hospital, Belem, Para, Brazil

- Developmental Dysplasia of the Hip: Sonography Imaging

- Hands-on Workshop: Developmental Dysplasia of the Hip: Sonography Imaging

- Pediatric abdominal sonography

2016 Pediatric Sonography Update - Online Course. Argentinian Federation of Radiology Associations (FAARDIT).

- Imaging Evaluation of Jaundice in Children

2016 7th International Pediatric Radiology Meeting. Society for Pediatric Radiology and European Society of Paediatric Radiology, Chicago, IL

- Complications of Catheter-Related Thrombosis in Children

2015 National Course in Pediatric Radiology. University of Bergen, Bergen, Norway

- Imaging of Pediatric Sports-Related Injuries

- Scoliosis Imaging

2015 18th Latin-American Pediatric Radiology Congress. Latin-American Society of Pediatric Radiology, Santiago, Chile

- Developmental Dysplasia of the Hip: Imaging & Screening Controversies

- Soft Tissues Vascular Anomalies in Children: Imaging Approach

2015 13th Annual National Conference of Indian Society of Pediatric Radiology, Lucknow, India

- Pediatric Mediastinal Masses: Distinctive Imaging findings

2015 52nd European Society of Paediatric Radiology Annual Meeting, Graz, Austria

- How to engage in/build a WFPI/outreach project

2014 70th Korean Congress of Radiology. Korean Society of Radiology, Seoul, South Korea

- Current Imaging of Necrotizing Enterocolitis

- Pulmonary Infections in Children: Imaging Algorithm and Current Practice

- Pediatric GI/GU fluoroscopy

2014 12th Annual Conference of Indian Society of Pediatric Radiology, Vellore, India

- Current Imaging of Necrotizing Enterocolitis

- Cardio-thoracic Imaging (chairperson)

2014 Londrina Medical Association, Londrina, Brazil

- Pulmonary Infections in Children: Imaging Algorithm and Current Practice (handout created)

- Meaningfurrl use of imaging modalities (handout created)

2014 Londrina State University, Londrina, Brazil

- Meaningful use of imaging modalities (handout created)

2013 3rd Radiology Days. Bezmialem Vakif University, Istanbul, Turkey

- Current Imaging of Necrotizing Enterocolitis

- Pediatric GI/GU fluoroscopy

2013 16th Latin-American Pediatric Radiology Congress. Latin-American Society of Pediatric Radiology, Cartagena de Indias, Colombia

- Pediatric GI/GU Fluoroscopy

- Soft Tissues Vascular Anomalies in Children: Imaging Approach

2013 UCLA, Los Angeles, CA

- Current Imaging of Necrotizing Enterocolitis (handout created)

- Developmental Dysplasia of the Hip: Imaging & Screening Controversies (handout created)

2013 Children’s Hospital Of Eastern Ontario, Ottawa, Canada

- Pediatric Ocular Sonography (handout created)

2013 Texas Children’s Hospital, Houston, TX

- Pediatric GI/GU Fluoroscopy (handout created)

- Increasing Ultrasound Applications in Pediatric Radiology (handout created)

2012 McGill University – Montreal Children’s Hospital, Montreal, Canada

- Developmental Dysplasia of the Hip: Imaging Diagnosis and Screening Controversies (handout created)

- Pediatric Mediastinal Masses: Distinctive Imaging Findings (handout created)

2012 10th Annual Conference of Indian Society of Pediatric Radiology, Chandigarh, India

- Pulmonary Infections in Children: Imaging Algorithm and Current Practice (handout created)

2012 University of Toronto – The Hospital for Sick Children, Toronto, Canada

- Pediatric Ocular Sonography (handout created)

- Soft Tissues Vascular Anomalies in Children: Imaging Approach (handout created)

- Developmental Dysplasia of the Hip: Imaging Diagnosis and Screening Controversies (handout created)

- Pediatric Scrotal Sonography beyond Torsion and Epididymitis (handout created)

2012 27th International Congress of Radiology / 42nd Sao Paulo Radiological Meeting. International Society of Radiology and Diagnostic Imaging Society of Sao Paulo, Sao Paulo, Brazil

- Imaging Evaluation of Neonatal Urgencies

- Pediatric Scrotal Sonography beyond Torsion and Epididymitis

- Developmental Dysplasia of the Hip: Imaging Diagnosis and Screening Controversies

2012 Curso Internacional de Radiologia Pediatrica (International Course of Pediatric Radiology). Peruvian Society of Radiology, Lima, Peru

- Solid Tumors of Soft Tissues and Vascular Anomalies (handout created)

- Developmental Dysplasia of the Hip: Imaging Diagnosis and Screening Controversies (handout created)

- One-thousand-and-one Uses of Ultrasound (handout created)

- Mediastinal Tumors (handout created)

2009 International Symposium on Pediatric Radiology. Latin-American Society of Pediatric Radiology and Brazilian College of Radiology, Rio de Janeiro, Brazil

- Pediatric Ocular Sonography

2001 1º Encontro de Tecnicos em Radiodiagnostico – ETRA 2001 (1st Radiology Technicians Meeting – ETRA 2001). Escola de Formacao de Profissionais da Saude “Sophia Marchetti”, Sao Paulo, Brazil

- Ressonancia Magnetica – Generalidades (MRI – Overview)

# *Regional*

2020 University of Connecticut School of Medicine – Connecticut Children’s Medical Center, Hartford, CT

- Imaging of Pediatric Sports-Related Injuries

2016 Albert Einstein College of Medicine – Montefiore Medical Center, Bronx, NY

- Pediatric Ocular Sonography

2014 New England Roentgen Ray Society, Boston, MA

- Pediatric Mediastinal Masses – Distinctive Imaging Findings

2013 New England Roentgen Ray Society, Boston, MA

- Pediatric Scrotal Ultrasound Beyond Torsion

# Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale:

# *International/National*

2024 American Society for Bone and Mineral Research Annual meeting, Toronto, Canada. “Bone age delay in X-linked hypophosphatemia”

2023 Radiological Society of North America 2022, Chicago, IL. Film panel: “Retrocrural neuroblatoma”

2023 Radiological Society of North America 2022, Chicago, IL. Film panel: “PEComa”

2023 Radiological Society of North America 2022, Chicago, IL. Film panel: “Ewing sarcoma”

2023 Radiological Society of North America 2022, Chicago, IL. Film panel: “Osteoid osteoma”

2023 The Societies for Pediatric Urology Pediatric Urology Fall Congress, Houston, TX. Heresy - Is There a Role for Ultrasound in Management of the Non-Palpable Testicle?

2023 Society for Pediatric Radiology Annual Meeting, Austin, TX. “Performance and Reliability Assessment of a Low-Dose Scoliosis Radiography Protocol in Pediatric Patients”

2023 Society for Pediatric Radiology Annual Meeting, Austin, TX. “Ultrasound of the midgut: factors associated with examination success in a multi-institutional dataset”

2022 Radiological Society of North America 2022, Chicago, IL. “What’s your sign? A multicenter study on the performance of sonographic signs and findings in the evaluation of midgut malrotation and midgut volvulus”

2021 Radiological Society of North America 2021, Chicago, IL. “The performance of ultrasound in the evaluation of midgut malrotation and midgut volvulus: a multicenter study”

2021 International Pediatric Radiology Meeting, Rome, Italy: “E-peer learning: our multi-institution experience”

2020 Radiological Society of North America 2020, online due to COVID19: “How low can you go? Development and implementation of a low-dose scoliosis protocol in pediatric patients”

2020 Society for Pediatric Radiology Annual Meeting, Miami, FL. “CT imaging in low-middle income Countries: a pictorial review of cases received in the World Federation of Pediatric Imaging (WFPI) tele-radiology platform” (Confirmed presentation on program but event cancelled due to COVID19)

2019 Society for Academic Emergency Medicine Annual Meeting 2019, Las Vegas, NV. “Reevaluation of FAST sensitivity in pediatric blunt abdominal trauma patients”

2019 Pediatric Academic Societies 2019 Annual Meeting, Baltimore, MD. “Reevaluation of FAST sensitivity in pediatric blunt abdominal trauma patients: should we redefine the qualitative threshold for significant hemoperitoneum?”

2017 European Paediatric Orthopaedic Society and Pediatric Orthopaedic Society of North America combined meeting, Barcelona, Spain “Inter-rater reliability of physical abuse determinations in young children with fractures"

2017 Society for Pediatric Radiology Annual Meeting, Vancouver, Canada. "Neonatal umbilical catheters: spectrum of complications and imaging features"

2017 Society of Critical Care Medicine Annual Meeting, Honolulu, HI. “Epidemiology of deep venous thrombosis in critically ill Adolescents”

2016 7th International Pediatric Radiology Meeting, Chicago, IL: “Making a change at scale: the World Federation of Pediatric Imaging (WFPI)”

2016 Pediatric Academic Societies 2016 Annual Meeting, Baltimore, MD: ”Reliability of the Likelihood of Abuse in Young Children with Fractures”

2015 52nd European Society of Paediatric Radiology Annual Meeting, Graz, Austria: “Novel method for air delivery during fluoroscopic-guided intussusception reduction”

2015 58th Society for Pediatric Radiology, Bellevue, WA: “Duodenal intussusception secondary to web presenting as recurrent pancreatitis in a seven-year-old girl”

2015 Pediatric Orthopaedic Society of North America 2015 Annual Meeting, Atlanta, GA: “Three decades of abusive fractures presenting to a level I trauma center”

2015 2015 Society for Pediatric Pathology Spring Meeting, Boston, MA: “Congenital cystic lung lesions: from in utero diagnosis to pathology diagnosis”

2014 Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Vancouver, Canada. “The prevalence of post-thrombotic syndrome after cardiac catheterization in children with congenital heart disease”

2014 52nd American Society of Neuroradiology, Montreal, Canada: “Imaging manifestations of natural Course and complications of spinal dysraphism following repair”

2014 51th European Society of Paediatric Radiology, Amsterdam, the Netherlands: Ultrasound findings of spinal dysraphisms with MRI correlations”

2014 57th Society for Pediatric Radiology, Washington, DC: “Congenital intrahepatic porto-systemic shunts; a case-based illustration of clinical manifestations, imaging findings and endovascular management”

2014 57th Society for Pediatric Radiology, Washington, DC: “Endovascular management of a congenital intrahepatic porto-systemic shunt using Amplatzer occlusion device in a two-month-old infant”

2014 World Congress on Pediatric Intensive & Critical Care, Istanbul, Turkey: ”Identifying critically ill children at risk of catheter-related venous thrombosis”

2013 50th European Society of Paediatric Radiology, Budapest, Hungary: “Comparison of intestinal sonography and abdominal radiographs in a neonatal intensive care unit”

2012Radiological Society of North America 2012, Chicago, IL: “Overlooked ultrasound applications in the neonatal intensive care unit”

2012 American Academy of Pediatrics 2012 National Conference and Exhibition, New Orleans, IL: “Hyperglycemia increases the risk of deep venous thrombosis in non-diabetic critically ill children”

2012 49th European Society of Paediatric Radiology, Athens, Greece: “Incidence and acute complications of asymptomatic central venous catheter-related deep venous thrombosis in critically ill children”

2011 Radiological Society of North America 2011, Chicago, IL: “Benign and malignant scrotal masses in the pediatric age group: radiologic-pathologic correlation”

2011 Radiological Society of North America 2011, Chicago, IL: “Pediatric scrotal sonography beyond torsion and epididymitis: a pictorial review”

2011 6th International Pediatric Radiology Meeting, London, UK: “Early assessment of the efficacy of digital infrared thermal imaging in pediatric extremity trauma”

2011 American Roentgen Ray Society 2011, Chicago, IL: “Pediatric orbital sonography”

2010 Pediatric Academic Societies 2010 Annual Meeting, Vancouver, Canada: “Superior mesenteric artery blood flow velocity by Doppler ultrasound: the relationship to gestational age, postnatal age and feeding abnormalities in preterm infants”

2008 51st Society for Pediatric Radiology, Scottsdale, AZ: “Do additional views improve the diagnostic performance of cervical spine radiography in pediatric trauma?”

2007 Radiological Society of North America 2007, Chicago, IL: “Computer-aided detection for the identification of pulmonary nodules in pediatric oncology patients”

2007 Radiological Society of North America 2007, Chicago, IL: “Distinctive MR findings in neonatal acute metabolic encephalopathy”

2007 50th Society for Pediatric Radiology, Miami, FL: “comparison of accuracy of radiographs and ultrasound for depiction of free intraperitoneal gas in neonates with necrotizing enterocolitis”

2006 5th International Pediatric Radiology Meeting, Montreal, Canada: “Correlation of sonographic findings and outcome in necrotizing enterocolitis”

2005 Radiological Society of North America 2005, Chicago, IL: “Practice MRI: reducing the need for sedation and general anaesthesia in children undergoing MRI”

2004 XXXIII Congresso Brasileiro de Radiologia (Brazilian Radiology Congress), Rio de Janeiro, Brazil: “Sonographic evaluation of the paediatric eye”

2004 5th Asian and Oceanic Society for Paediatric Radiology Congress, Beijing, China: “Soft tissues vascular anomalies in children: imaging approach”

2002XXXII JPR Jornada Paulista de Radiologia (Sao Paulo Radiology Meeting), Sao Paulo, Brazil: “Tutorial em tumores osseos (Tutorial on bone tumors)”

2001 52nd Annual Scientific Meeting of The Royal Australia and New Zealand College of Radiologists, Melbourne, Australia: “Thoracic malignant schwannoma”

2001 XXX Congresso Brasileiro de Radiologia (Brazilian Radiology Congress), Curitiba, Brazil: “Espongioblastoma polar – entidade neoplasica distinta? (Polar espongioblastoma – distinct neoplastic entity?)”

2001 XXXI JPR Jornada Paulista de Radiologia (Sao Paulo Radiology Meeting), Sao Paulo, Brazil: “Carcinoma de adrenal – relato de caso e revisao bibliografica (Adrenal carcinoma – case report and literature review)”

2000 XXX JPR Jornada Paulista de Radiologia (Sao Paulo Radiology Meeting), Sao Paulo, Brazil: “Reacoes aos meios de contraste – reconhecimento e conduta (Contrast media reactions – diagnosis and management)”

# *Regional*

2023 New England Section of the American Urological Association Annual Meeting. Heresy - Is There a Role for Ultrasound in Management of Non-Palpable Testicle?

2019 New England Surgical Society 2019 Annual Meeting, Montreal, Canada. “A standardized ultrasound reporting template for pediatric appendicitis improves diagnostic rates and decreases CT utilization among both pediatric and non-pediatric radiologists: an analysis of 3539 patients”

2010 22nd Eastern Society for Pediatric Research, Philadelphia, PA: “Superior Mesenteric Artery Blood Flow Velocity: Relationship to Increasing Gestational and Post Natal Age”

**Professional Service:**

***Peer Review Groups/Grant Study Sections***

2014 *The Ministry of Research and Innovation of the Province of Ontario*, Canada

Referee for the Ontario Research Fund, Research Excellence Program, on the award application “Improving Neonatal and Fetal assessment with New Technology”

2014 *Action Medical Research for Children*, United Kingdom

Referee for an award application on “Quantitative ultrasound assessment of bowel motility and vascularity in infants at risk of necrotizing enterocolitis”

2013 *The Royal College of Radiologists*, United Kingdom

Referee for the Constance Thornton Fellowship, on “ultrasound assessment of bowel motion as a predictor of necrotizing enterocolitis – a feasibility study”

***Journals***

Editorial boards

None

Reviewer

*Pediatric Radiology*

2024; 2023; 2022; 2020; 2019; 2017; 2014

*American Journal of Roentgenology*

2021; 2019; 2012; 2010; 2009

*Medical & Biological Engineering & Computing*

2017

*European Journal of Pediatrics*

2014

*Pediatrics*

2013

Archives of Disease in Childhood

2012

***Professional Organizations***

The Latin-American Society of Pediatric Radiology

2018–present Contributor of educational web-content “casos interessantes” (“interesting cases”)

The American Institute of Ultrasound in Medicine

2018 External expert reviewer of the “ACR–AIUM–SPR–SRU Practice Parameter for the Performance of Neurosonography in Neonates and Infants”

The American Board of Radiology

2017–2021 Member, Pediatric Core Examination Committee, producing questions and assembling the pediatrics portion of the Core exam

The American College of Radiology

2015–2022 Member, *ACR* Pediatric Rapid Response Committee, to create the pediatric portion of the “ACR Select” decision support system, to guide imaging requisitions within Electronic Health Record (EHR) systems

The World Federation of Pediatric Imaging

2019–present Volunteer, Committee for Outreach & Training in Lower Resource Settings, interpreting imaging studies for Hospital Central de Maputo, Maputo, Mozambique

2015–2019 Chair, Committee for Outreach & Training in Lower Resource Settings, monitoring projects and partnerships in lower resource settings, running the tele-reading platform, nurturing research/new ideas/approaches, supporting volunteers, sitting in at WFPI Executive Committee and at all WFPI working groups.

2013–2014 Project coordinator, Committee for Outreach & Training in Lower Resource Settings, overseeing the interpretation of imaging studies for Indira Gandhi Institute of Child Health in Bangalore, India

2012 Volunteer, Committee for Outreach & Training in Lower Resource Settings, interpreting imaging studies for Khayelitsha Hospital in Cape Town, South Africa

The Society for Pediatric Radiology

2010–2022 Member, Ultrasound Committee

2023 Member, Committee to revise and review the “ACR-AIUM-SPR-SRU Practice Parameter for the Performance of Peripheral Venous Ultrasound Examination”

2022 Member, Committee to revise and review the “ACR-AIUM-SPR-SRU Practice Parameter for the Performance of Duplex Sonography of Native Renal Vessels”

2021-2022 Member, Committee to revise and review the “ACR-AIUM-SPR-SRU Practice Parameter for the Performance and Interpretation of Diagnostic Ultrasound of the Thyroid and Extracranial Head and Neck”

2021 Member, Committee to review the “ACR-SPR Practice Parameter for the Performance of Chest Radiography”

2021 Member, Committee to review the “ACR-SPR Practice Parameter for the Performance of the Musculoskeletal Ultrasound Examination”

2021 Member, Committee to review the “ACR-SPR Practice Parameter for the Performance of the Modified Barium Swallow”

2021 Member, Committee to revise and review the “ACR–AIUM–SPR–SRU Practice Parameter for the Performance of Transcranial Doppler Ultrasound”

2020 Member, Committee to revise and review the “ACR–AIUM–SPR–SRU Practice Parameter for the Performance of an Ultrasound Examination of the Extracranial Cerebrovascular System”

2020 Member, Committee to review the “ACR-AIUM-SPR-SRU Practice Parameter for the Performance of an Ultrasound Examination of the Neonatal and Infant Spine”

2020 Member, Committee to review the “ACR-AIUM-SPR-SRU Practice Parameter for the Performance of an Ultrasound Examination of the Abdomen and/or Retroperitoneum”

2018 Member, Committee to revise and review the “ACR–ACOG–AIUM–SPR–SRU Practice Parameter for the Performance of Ultrasound of the Female Pelvis”

2017 Member, Committee to revise and review the “ACR-AIUM-SPR-SRU Practice Parameter for the Performance of Peripheral Venous Ultrasound Examination”

2017 Member, Committee to revise and review the “ACR-AIUM-SPR-SRU Practice Parameter for the Performance and Interpretation of Diagnostic Ultrasound of the Extracranial Head and Neck”

2016 Member, Committee to revise and review the “ACR–AIUM–SPR–SRU Practice Parameter for the Performance of Transcranial Doppler Ultrasound”

2015 Member, Committee to elaborate a ultrasound curriculum for pediatric radiology fellowships

2015 Member, Committee to revise and review the “ACR–AIUM–SPR–SRU Practice Parameter for the Performance of an Ultrasound Examination of the Neonatal Spine”

2014–2015 Member, Neuroradiology Committee

2014 Member, Committee to revise and review the “ACR–AIUM–SPR–SRU Practice Guideline for the Performance of Scrotal Ultrasound Examinations”

2013 Member, Committee to review the “American Academy of Pediatrics Clinical Report on Screening and Referral for Developmental Dysplasia of the Hip”

2012 Member, Committee to review the “ACR–AIUM–SPR–SRU Practice Guideline for the Performance of the Ultrasound Examination for Detection and Assessment of Developmental Dysplasia of the Hip”

2012 Member, Committee to review the “ACR–AIUM–SPR–SRU Practice Guideline for the Performance of a Thyroid and Parathyroid Ultrasound Examinations”

2012 Member, Committee to revise and review the “ACR–AIUM–SPR–SRU Practice Guideline for the Performance of Renal Artery Duplex Sonography”

2011 Member, Committee to review the “ACR–AIUM–SPR–SRU Practice Guideline for the Performance of an Ultrasound Examination of the Abdomen and/or Retroperitoneum”

2011 Member, Committee to review the “ACR–AIUM–SPR–SRU Practice Guideline for the Performance of the Musculoskeletal Ultrasound Examination”

2011 Member, Committee to revise and review the “ACR–AIUM–SPR–SRU Practice Guideline for the Performance of Transcranial Doppler Ultrasound for Adults and Children”

The American College of Radiology and the Radiological Society of North America

2012–2019 Reviewer for content of Radiologyinfo.org website

***Meeting Planning/Participation***

2018 2018 Society for Pediatric Radiology Annual Meeting, Nashville, TN:

- Co-chair, Organizing Committee – WFPI session

- Co-chair, Organizing Committee – Ultrasound protocol session

2018 2018 International Congress on Integrative Medicine and Health, Baltimore, MD: member, Abstract Selection Committee

2017 2017 Society for Pediatric Radiology Annual Meeting, Vancouver, Canada: member, Organizing Committee – WFPI session

2016 2016 Society for Pediatric Radiology Pediatric Ultrasound Course, Orlando, FL: member, Organizing Committee

2016 First Multidisciplinary Symposium on Diagnostic Imaging in Pediatrics. Santa Casa Hospital, Belem, Para, Brazil: member, Organizing Committee

2014 2014 International Research Congress of Integrative Medicine and Health, Miami, FL: member, Abstract Selection Committee

2012 2012 International Research Congress of Integrative Medicine and Health, Portland, OR: member, Abstract Selection Committee

1992 41st General Assembly and 82nd Exchange Officers Meeting of the International Federation of Medical Students Association, Londrina, Brazil: member, Organizing Committee

***Yale University/Hospital System***

University Committees

None

Medical School Committees

2012–2018 YSM Thesis Committee – Diagnostic Radiology Departmental Chair

Departmental Committees

Department of Radiology & Biomedical Imaging / Diagnostic Radiology

2018–present Residency Program Evaluation Committee

2018-present Residency Clinical Competency Committee

2018-present Clinical Leadership Committee

2017-present Improved Radiology Interpretation System (M&M/QI/QC)

2017-present Voluntary Faculty Committee

2014–present Appointments & Promotions Committee

2018–2019 Search Committee for Pediatric Radiology faculty

2017 Search Committee for Pediatric Radiology faculty

2015–2016 MR Operations Taskforce

2015 Search Committee for Pediatric Radiology faculty

2013–2015 Teaching Files Committee

2011–2015 Clinical Research Oversight Committee

2013 Search Committee for Pediatric Radiology faculty

2012 MR Enterography Task Force

2011 Contrast Media Task Force

2011 Search Committee for Pediatric Radiology faculty

2008 Search Committee for Chest Radiology faculty

Department of Urology

2021-2022 Search Committee for Pediatric Urology faculty

2019 Search Committee for Pediatric Urology faculty

2013 Search Committee for Pediatric Urology faculty

Department of Pediatrics

2013–2014 Pediatric Fellowship Scholarly Oversight Committee

2013 Search Committee for Child Abuse faculty

### Hospital Committees

2024 Bridgeport Hospital Radiology Residency Selection Committee

2021–present Radiation Safety Committee

2019–present Performance Improvement and Patient Safety Committee

2018–present Pediatric Trauma Multidisciplinary Quality Improvement Committee

2018–present Children’s Hospital Executive Steering Committee

2021 Search Committee for Bridgeport Hospital Radiology Chair

2017 Appendicitis Working Group

**Public Service / Media Presence**

***Public Service:***

2017–2020 Vice-president for U.S. Spiritist Medical Association (non-profit 501(c)(3) educational organization that supports and advances the paradigm of integrative medicine in its goal to bridge medicine and spirituality)

2010–2017 Program Director for U.S. Spiritist Medical Association (non-profit 501(c)(3) educational organization that supports and advances the paradigm of integrative medicine in its goal to bridge medicine and spirituality)

2016 Chairman of the Scientific Committee of the 6th U.S. Spiritist Medical Congress – US Spiritist Medical Association – Washington, DC

2014 Chairman of the Scientific Committee of the 5th U.S. Spiritist Medical Congress – US Spiritist Medical Association – Washington, DC

2013–2014 Associate Editor for *Health of the Soul Magazine* (online magazine, featuring review articles and research reports on spirituality and medicine written by healthcare professionals)

2012 Chairman of the Scientific Committee of the 4th U.S. Spiritist Medical Congress – US Spiritist Medical Association – Washington, DC

2010 Chairman of the Scientific Committee of the 3rd U.S. Spiritist Medical Congress – US Spiritist Medical Association – Washington, DC

***Media Presence:***

None

**Bibliography:**

**Peer-Reviewed Original Research**

1. Ben Meir D, **Silva CT**, Rao P, Dewan PA. Does the endoscopic technique of ureterocele Incision Matter? Journal of Urology 2004; 172: 684-686
2. **Silva CT**, Mackenzie A, Hallowell LM, Stewart SE, Ditchfield MR. Practice MRI: reducing the need for sedation and general anaesthesia in children undergoing MRI. Australasian Radiology 2006; 50:319-323
3. **Silva CT**, Daneman A, Navarro OM, Moore AM, Moineddin R, Gerstle JT, Mittal A, Brindle M, Epelman M. Correlation of sonographic findings and outcome in necrotizing enterocolitis. Pediatric Radiology 2007; 37:274-282
4. Hallowell LM, Stewart SE, **Silva CT\***, Ditchfield MR. Reviewing the process of preparing children for MRI. Pediatric Radiology 2008; 38:271-279

*(\*assisted the first and second authors, child life specialists, with study protocol design, imaging interpretation, and manuscript composition)*

1. Helm E, **Silva CT**, Roberts HC, Manson D, Seed MT, Amaral JG, Babyn PS. Computer-aided detection for the identification of pulmonary nodules in pediatric oncology patients: initial experience. Pediatric Radiology 2009; 39:685-693
2. **Silva CT**, Doria AS, Traubici J, Moineddin R, Davila J, Shroff M. Do additional views improve the diagnostic performance of cervical spine radiography in pediatric trauma? AJR American Journal of Roentgenology 2010;194:500-508
3. **Silva CT**, Amaral JG, Moineddin R, Doda W, Babyn PS. CT characteristics of lung nodules present at diagnosis of extrapulmonary malignancy in children. AJR American Journal of Roentgenology 2010;194:772-778
4. **Silva CT**, Naveed N, Bokhari S, Baker KE, Staib LH, Ibrahim SM, Muchantef K, Goodman TR. Early assessment of the efficacy of digital infrared thermal imaging in pediatric extremity trauma. Emergency Radiology 2012;19:203-209
5. Faustino EV, Spinella P, Li S, Pinto M, Petronella S, Tala J, Card M, Northrup V, Baker K, Goodman T, Chen L, **Silva CT\***. Incidence and acute complications of asymptomatic central catheter-related deep venous thrombosis in critically ill children. Journal of Pediatrics 2013;162:387-391

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

1. **Silva CT**, Daneman A, Navarro OM, Moineddin R, Levine D, Moore AM. A prospective comparison of intestinal sonography and abdominal radiographs in a neonatal intensive care unit. Pediatric Radiology 2013;43:1453-1463
2. Thompson A, **Silva CT**, Gork AS, Wang D, Ehrenkranz RA. Intestinal blood flow by Doppler ultrasound: the impact of gestational age and time from first enteral feeding in preterm neonates. American Journal of Perinatology 2014;31:261-268
3. Tala J, **Silva CT**, Pemira S, Vidal E, Faustino EV. Blood glucose as a marker of venous thromboembolism in critically ill children. Thrombosis and Haemostasis 2014;12:891-896
4. Luceri MJ, Tala JA, Weismann CG, **Silva CT**\*, Faustino EVS. Prevalence of post-thrombotic syndrome after cardiac catheterization. Pediatric Blood and Cancer 2015;62:1222-1227

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

1. Faustino EVS, Li S, **Silva CT\***, Pinto MG, Qin L, Tala JA, Rinder HM, Kupfer GM, Shapiro ED. Factor VIII may predict catheter-related thrombosis in critically ill children: a preliminary study. Pediatric Critical Care Medicine 2015;16:497-504

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

1. Li S, **Silva CT**, Brudnicki AR, Baker KE, Tala JA, Pinto MG, Polikoff LA, Qin L, Faustino EVS. Diagnostic accuracy of point-of-care ultrasound for catheter-related thrombosis in children. Pediatric Radiology 2016;46:219-228
2. Hardee S, Tuzovic L, **Silva CT**, Cowles RA, Copel J, Morotti RA Congenital cystic lung lesions: from in-utero to pathology diagnosis - a multidisciplinary approach. Pediatric and Developmental Pathology 2017;20:403-410
3. Jindal G, Graeber BL, Staib LH, **Silva CT**\*. Assessment of a modified technique for air delivery during fluoroscopic-monitored pneumatic intussusception reduction. Pediatric Radiology 2017;47:1594-1598

*(\*mentored the first and second authors, respectively a radiology resident and a junior faculty)*

1. Sharkey MS, Buesser KE, Gaither JR, Tate V, Cooperman DR, Moles RL, **Silva CT**, Ehrlich LJ, Leventhal JM. Inter-rater reliability of physical abuse determinations in young children with fractures. Child Abuse & Neglect 2017;72:140-146
2. Sharkey MS, Buesser KE, Gaither JR, Tate V, Cooperman DR, Moles RL, **Silva CT**, Ehrlich LJ, Leventhal JM. Abusive fracture incidence over three decades at a level 1 pediatric trauma center. Child Abuse & Neglect 2018:76:364-371
3. Faustino EVS, Shabanova V, Pinto MG, Li S, Trakas E, Miksa M, Gertz S, Polikoff LA, Napolitano M, Brudnicki AR, Tala JA, **Silva CT\*.** Epidemiology of lower extremity deep venous thrombosis in critically ill adolescents. Journal of Pediatrics 2018;201:176-183

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the site radiologists/sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

1. Mian AY, Mills IP, Sheridan AD, Ehrlich LJ, Baker KE, Tilak G, Staib LH, **Silva CT\***. Effect of reader and patient parameters in the performance of last-image-hold for fluoroscopic grading of vesicoureteric reflux\*\*. AJR American Journal of Roentgenology 2019;212: 968-975

*(\*mentored the first author, a radiology resident)(\*\*manuscript selected by Journal to be featured on its Journal Club monthly feature)*

1. Faustino EVS, Shabanova V, Raffini LJ, Kandil SB, Li S, Pinto MG, Cholette JM, Hanson SJ, Nellis ME, **Silva CT**\*, Chima R, Sharathkumar A, Thomas KA, McPartland T, Tala J, Spinella PC. Efficacy of Early Prophylaxis Against Catheter-Associated Thrombosis in Critically Ill Children: A Bayesian Phase 2b Randomized Clinical Trial. Critical Care Medicine 2021;49:e235-e246

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the site radiologists/sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

1. Faustino EVS, Raffini LJ, Hanson SJ, Cholette JM, Pinto MG, Li S, Kandil SB, Nellis ME, Shabanova V, **Silva CT\***, Tala JA, McPartland T, Spinella PC. Age-dependent heterogeneity in the efficacy of prophylaxis with enoxaparin against catheter-associated thrombosis in critically ill children: A post hoc analysis of a Bayesian phase 2b randomized clinical trial. Critical Care Medicine 2021;49:e369-e380

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the site radiologists/sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

1. Eng D, Khandwala N, Long J, Fefferman N, Lala S, Strubel N, Milla S, Filice R, Sharp S, Towbin A, Francavilla M, Kaplan S, Ecklund K, Prabhu S, Dillon B, Everist B, Anton C, Bittman M, Dennis R, Larson D, Seekins J, **Silva CT**, Zandieh A, Langlotz C, Lungren M, Halabi S. An AI Algorithm Improves Radiologist Performance in Skeletal Age Assessment: A Prospective, Multi-center, Randomized Controlled Trial. Radiology 2021;301:692-699
2. Riera, A, Hayward H, **Silva CT**, Chen L. Reevaluation of FAST sensitivity in pediatric blunt abdominal trauma patients. Should we redefine the qualitative threshold for significant hemoperitoneum? Pediatric Emergency Care 2021;37:e1012-e1019
3. Berson ER, Mozayan A, Peterec S, Taylor S, Bamford NS, Ment LR, Rowe E, Lisse S, Ehrlich L, **Silva CT**, Goodman TR, Payabvash S. A 1-Tesla MRI system for dedicated brain imaging in the neonatal intensive care unit. Frontiers in Neuroscience 2023;17: 1132173
4. Andrijauskis D, Woolf G, Kuehne A, Al-Dasuqi K, **Silva CT**, Seyedmehdi P, Malhotra A. Utility of gadolinium-based contrast (GBC) in initial evaluation of seizures in children presenting emergently. American Journal of Neuroradiology 2023;44:1208-1211
5. Quinn T, Cholette JM, Pinto MG, Schreiber H, Madden MA, Bennett E, Kolmar A, Poole A, **Silva CT\***, Ehrlich L, Navarro OM, Faustino EV. Antithrombin activity and central venous catheter-associated thrombosis in critically ill children at high risk of bleeding. Journal of Thrombosis and Haemostasis 2024;22:213-224

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the site radiologists/sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

1. Al-Dasuqi K, Taylor E, Ehrlich L, Cooperman D, Socci A, Tuason D, Hoerner M, Staib L, **Silva CT**. Performance and Reliability Assessment of a Lower Dose, Task-Based Scoliosis Radiography Protocol in Pediatric Patients. Pediatric Radiology 2024;54:146-153
2. Press BH, Olayoyin O, Arlen AM, **Silva CT**, Weiss RM. Heresy - Is there a role for ultrasound in management of the non-palpable testicle? Journal of Pediatric Urology 2024;20:106-111

*(\*directed the imaging component of this multicenter trial, devising the imaging protocol used at the multiple sites, training the site radiologists/sonographers, ensuring the quality of the images, heading the criterion-standard adjudication)*

***Peer-Reviewed Reviews, Practice Guidelines, Standards, and Consensus Statements***

1. **Silva CT**, Baker K. Cardiac tamponade: appearances on CT. Pediatric Radiology 2009;39:523
2. **Silva CT**, Brockley CR, Crum A, Mandelstam SA. Pediatric ocular sonography. Seminars in Ultrasound, CT and MRI 2011;32:14-27
3. Engel C, **Silva CT**, Baker K, Goodman TR. Underutilized ultrasound applications in the neonatal intensive care unit. Ultrasound Quarterly 2012;28:229-304
4. American Institute of Ultrasound in Medicine. AIUM practice guideline for the performance of a transcranial Doppler ultrasound examination for adults and children. Journal of Ultrasound in Medicine 2012;31:1489-1500
5. American Institute of Ultrasound in Medicine. AIUM practice guideline for the performance of native renal artery duplex sonography. Journal of Ultrasound in Medicine 2013;32:1331-1340
6. **Silva CT**, Engel C, Cross SN, Copel JE, Morotti RA, Baker KE, Goodman TR. The postnatal sonographic spectrum of prenatally detected abdominal and pelvic cysts. AJR American Journal of Roentgenology 2014; 203:W684-696
7. ACR-AIUM-SPR-SRU Practice Parameter for the Performance of Transcranial Doppler Ultrasound. <https://www.acr.org/-/media/ACR/Files/Practice-Parameters/US-Transcranial.pdf?la=en>
8. American Institute of Ultrasound in Medicine. AIUM Practice Guideline for the Performance of Scrotal Ultrasound Examinations. Journal of Ultrasound in Medicine 2015;34:1-5
9. American Institute of Ultrasound in Medicine. AIUM Practice Parameter for the Performance of an Ultrasound Examination of the Neonatal and Infant Spine. J of Ultrasound in Medicine 2016;35:1-11
10. AIUM-ACR-SPR-SRU Practice Parameter for the Performance and Interpretation of a Diagnostic Ultrasound Examination of the Extracranial Head and Neck. Journal of Ultrasound in Medicine. 2018;37:E6-E12
11. ACR-ACOG-AIUM-SPR-SRU Practice Parameter for the Performance of Ultrasound of the Female Pelvis. Journal of Ultrasound in Medicine 2020;39:E17-E23
12. ACR-AIUM-SPR-SRU Practice Parameter for the Performance of Peripheral Venous Ultrasound Examination. Journal of Ultrasound in Medicine 2020;39:E49-E56.
13. **Silva CT**, Navarro OM. Pearls and pitfalls in pediatric thyroid imaging. Seminars in Ultrasound, CT and MRI 2020;41:421-432
14. Nguyen HT, Navarro OM, Guillerman RP, **Silva CT**, Sammer MBK. Untwisting the complexity of midgut malrotation and volvulus ultrasound. Pediatric Radiology 2021;51:658-668
15. ACR-AIUM-SPR-SRU Practice Parameter for the Performance of an Ultrasound Examination of the Abdomen and/or Retroperitoneum. Journal of Ultrasound in Medicine. 2022;41:E1-E8
16. ACR-AIUM-SPR-SRU Practice Parameter for the Performance of an Ultrasound Examination of the Neonatal and Infant Spine. Journal of Ultrasound in Medicine. 2022;41:E9-E15
17. ACR–AIUM–SPR–SRU Practice Parameter for the Performance of an Ultrasound Examination of the Extracranial Cerebrovascular System. Journal of Ultrasound in Medicine. 2022;41:E21-E27
18. Nguyen HN, Navarro OM, Bloom DA, Feinstein KA, Guillerman RP, Munden MM, Sammer MBK, **Silva CT**. Ultrasound for Midgut Malrotation and Midgut Volvulus: AJR Expert Panel Narrative Review. AJR American Journal of Roentgenology 2022;218:931-939
19. ACR–AIUM–SPR–SRU Practice Parameter for the Performance of Transcranial Doppler Ultrasound. Journal of Ultrasound in Medicine 2023;42:E33-E41
20. ACR-SPR Practice Parameter for the Performance of the Musculoskeletal Ultrasound Examination. https://www.acr.org/-/media/ACR/Files/Practice-Parameters/US-MSK.pdf
21. ACR-SPR Practice Parameter for the Performance of Chest Radiography. https://www.acr.org/-/media/ACR/Files/Practice-Parameters/ChestRad.pdf
22. ACR-AIUM-SPR-SRU Practice Parameter for the Performance and Interpretation of Diagnostic Ultrasound of the Thyroid and Extracranial Head and Neck. Journal of Ultrasound in Medicine 2023;42:E55-E62
23. ACR-AIUM-SPR-SRU Practice Parameter for the Performance of Duplex Sonography of Native Renal Vessels. Journal of Ultrasound in Medicine 2024;43:E1-E7

***Peer-Reviewed Educational Materials***

1. **Silva CT**, Fink M. Pneumonia and bronchiectasis secondary to unrecognized peanut impaction. Radiology 2008; 248:1080-1082
2. **Silva CT**. [pediatricradiologyacademy]. (2015, May 12). Necrotizing enterocolitis: abdominal radiography [Video file]. <https://www.youtube.com/watch?v=x-mAKtgv_oA>
3. **Silva CT**. [SPR’s Unknown Case Contest]. (2015, Sep 08). Midgut malrotation complicated by volvulus [Teaching case repository]. <http://www.mypacs.net/cgi-bin/repos/mpv4_repo/wrm/repo-view.pl?cx_subject=70227563&cx_breadcrumb_trail=User%20Case|67353495&cx_image_only_mode=off&cx_repo=mpv4_repo>
4. **Silva CT**. [SPR’s Unknown Case Contest]. (2018, Mar 19). Dacryocystocele [Teaching case repository]. <https://www.mypacs.net/cgi-bin/repos/mpv4_repo/wrm/repo-view.pl?cx_subject=74606029&cx_repo>
5. **Silva CT**. [SLARP’s Unknown Case Contest]. (2018, Oct 02). Undifferentiated embryonal sarcoma [Teaching case repository]. <http://slarp.net/caso_interactivo/2018/10_octubre/index.htm>
6. **Silva CT**. [SLARP’s Unknown Case Contest]. (2019, Oct 01). Delayed subaponeurotic fluid collection of infancy [Teaching case repository]. <http://slarp.net/caso_interactivo/2019/10_octubre/index.htm>
7. E-Peer Learning Collaboration. [SPR’s Best Case Series]. (2020, Jun 15). Van Wyk Grumbach Syndrome [Teaching case repository]. [https://myedu.pedrad.org/products/not-your-average-case-of-belly-pain-non-cme#](https://nam05.safelinks.protection.outlook.com/?url=https%3A%2F%2Fmyedu.pedrad.org%2Fproducts%2Fnot-your-average-case-of-belly-pain-non-cme%23tab-product_tab_contents__2&data=02%7C01%7Ccicero.silva%40yale.edu%7Ca2436515421042487adb08d8274e9da2%7Cdd8cbebb21394df8b4114e3e87abeb5c%7C0%7C0%7C637302565892200745&sdata=rp9EH9bGZmo9seFbIGrTiiKL6grTf2wZ8AjiKJPAbs0%3D&reserved=0)
8. E-Peer Learning Collaboration. [SPR’s Best Case Series]. (2020, Jul 13). Autoimmune Pancreatitis [Teaching case repository]. [https://myedu.pedrad.org/products/pancreatic-masses-and-mass-like-lesions-in-children-autoimmune-pancreatitis-and-beyond-non-cme#](https://nam05.safelinks.protection.outlook.com/?url=https%3A%2F%2Fmyedu.pedrad.org%2Fproducts%2Fpancreatic-masses-and-mass-like-lesions-in-children-autoimmune-pancreatitis-and-beyond-non-cme%23&data=02%7C01%7Ccicero.silva%40yale.edu%7C4e7efd14b0334b8ba6b108d827510123%7Cdd8cbebb21394df8b4114e3e87abeb5c%7C0%7C0%7C637302576144189385&sdata=o1OlHOlxyhG8xEHZN6TUZ2NSlxszJrW1hcbeFBqiAE4%3D&reserved=0)
9. **Silva CT**. [SLARP’s Unknown Case Contest]. (2020, Oct 08). Pancreatic solid pseudopapillary epithelial neoplasm [Teaching case repository]. <http://slarp.net/caso-del-mes-slarp-octubre-2020/>
10. **Silva CT**. [SPR Resource Library] (2020, Oct 18). Pediatric Ocular Sonography. <https://xchange.pedrad.org/viewdocument/us-of-the-orbit>
11. **Silva CT**. [SLARP’s Unknown Case Contest]. (2021, Oct 31). Brown Fat Necrosis [Teaching case repository]. <http://slarp.net/caso-del-mes-slarp-noviembre-2021/>
12. **Silva CT**. [SLARP’s Unknown Case Contest]. (2022, Oct 28). Intravascular papillary endothelial hyperplasia [Teaching case repository]. [https://slarp.net/caso-del-mes-slarp-noviembre-2022/](https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fslarp.net%2Fcaso-del-mes-slarp-noviembre-2022%2F&data=05%7C01%7Ccicero.silva%40yale.edu%7Ca8d470d9cc804934c8c408dac0c5b5e5%7Cdd8cbebb21394df8b4114e3e87abeb5c%7C0%7C0%7C638034252628077747%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=Mqjj%2BAPg06MPlk87DowRi4Ub9zbUdigFTHdfQRxl63o%3D&reserved=0)
13. **Silva CT**. [SLARP’s Unknown Case Contest]. (2023, Nov 30). Calcinosis cutis in juvenile dermatomyositis [Teaching case repository]. <https://slarp.net/caso-del-mes-slarp-noviembre-2023/>
14. **Silva CT**. [SLARP’s Unknown Case Contest]. (2024, June 03). Massive thymic hyperplasia [Teaching case repository]. <https://slarp.net/caso-del-mes-slarp-junio-2024/>

***Peer-Reviewed Case Reports and Technical Notes***

1. **Silva CT**, Massie J, Mandelstam SA. Pulmonary capillary haemangiomatosis in a premature infant. Pediatric Radiology 2005;35:635-640
2. Malhotra Y, Fitzgerald TN, Jubinsky PT, Harper H, **Silva, CT**, Zambrano E, Diefenbach KA, Moss RL, Bhandari V. A unique case of rhabdoid tumor presenting as hemoperitoneum in an infant. Journal of Pediatric Surgery 2011;46:247-251
3. Tu LH, Villalona GA, Cowles RA, **Silva CT**\*. Intussusception secondary to web presenting as recurrent pancreatitis in a seven-year-old girl. Pediatric Radiology 2016;46:426-429

*(\*mentored a medical student on their first manuscript as first author)*

1. Riera A, **Silva CT**, Langhan M. Terminal ileitis presenting with a spontaneously reduced ileocolic intussusception diagnosed by point-of-care ultrasonography. Pediatric Emergency Care 2020;36:e30-e32
2. Taylor E, Grizzard K, **Silva CT**, Hoerner M. [RSNA Quality Improvement Reports]. (2020, Nov 29). How Low Can You Go? Development and Implementation of a Low Dose Scoliosis Protocol in Pediatric Patients. <https://www.rsna.org/-/media/Files/RSNA/Practice-Tools/Quality-improvement/Quality-improvement-reports/QI155-ED-X_How_Low_Can_You_Go.ashx?la=en&hash=ED1CC8F46A489587FFB18A94358358343BDB4C6E>
3. Godse S, Brumer E, Kizilirmak TK, Canapari C, **Silva CT**, Morotti R, Jiang Y-H, Jeffries L, Chen L, Panacherry S. “When lungs and weights tell different stories” Pediatric Pulmonology 2024;59:1047-1059

***Books***

None

***Chapters***

1. Tu LH, **Silva CT**. “Pediatric Imaging: Radiographic Studies.” Search Pattern: A Systematic Approach to Diagnostic Imaging. Independently Published; 2020 Jun 30. pp. 289-297
2. Tu LH, **Silva CT**. “Pediatric Imaging: Fluoroscopic Studies.” Search Pattern: A Systematic Approach to Diagnostic Imaging. Independently Published; 2020 Jun 30. pp. 298-302
3. Tu LH, **Silva CT**. “Pediatric Imaging: Ultrasound Studies.” Search Pattern: A Systematic Approach to Diagnostic Imaging. Independently Published; 2020 Jun 30. pp. 303-317
4. Tu LH, **Silva CT**. “Pediatric Imaging: CT Studies.” Search Pattern: A Systematic Approach to Diagnostic Imaging. Independently Published; 2020 Jun 30. pp. 318-319
5. Tu LH, **Silva CT**. “Pediatric Imaging: MRI Studies.” Search Pattern: A Systematic Approach to Diagnostic Imaging. Independently Published; 2020 Jun 30. pp. 320-325
6. Tu LH, Solomon N, **Silva CT**. “Physiological and Cognitive Optimization.” How to be a More Efficient Radiologist: A Guide to Practice, Reporting, and Workflow Optimization. Salem Publishers; 2023 Nov 22. pp. 121-131

***Invited Editorials and Commentaries***

1. **Silva CT**. Satisfactions and frustrations of a volunteer tele-reader for the World Federation of Pediatric Imaging. Pediatric Radiology 2014;44:656
2. Dehaye A, **Silva CT**\*, Darge K, Prabhu SP, Andronikou S, Laya BF, Coley BD, Boechat MI. Saving the starfish: World Federation of Pediatric Imaging (WFPI) development, work to date, and membership feedback on international outreach. Pediatric Radiology 2016;46:452-461

*(\*mentored a non-medical NGO staff on her first scientific manuscript)*

1. Otero HJ, Andronikou S, Grassi DC, **Silva CT**. Providing Expert Pediatric Teleradiology Services Around the Globe: The World Federation of Pediatric Imaging Experience. Journal of the American College of Radiology 2020;17:53-55
2. Nguyen H, **Silva CT**, Guillerman RP, Navarro OM, Tassel DV, Sammer MBK. The course of the duodenum: what path should we take? Pediatric Radiology 2021;51:2101
3. Taylor GA, **Silva CT**. Commentary: sonography as first-line modality in the diagnosis of malrotation with volvulus. Pediatric Radiology 2023;53:2208-2209

***Letters***

None

***In Press: Peer-Reviewed Original Research***

None

***In Press: Other Scholarship***

None