

E-Posters

E-Posters are located in the Exhibit Hall; Booth 541

E-Poster Viewing Hours:

Sunday, March 22	11:30 AM–4:00 PM
Monday, March 23	9:30 AM–1:30 PM
Tuesday, March 24	9:30 AM–4:30 PM
Wednesday, March 25	9:30 AM–1:00 PM

* indicates presenter.

E-Poster Awards:

First, second, and third-prize awards, as well as honorable mentions, will be indicated by ribbon icons on Sunday, March 22, after 5:00 PM. Awards are based on scientific content and visual effects.

Basic Science and Instrumentation: Instrumentation

- 2078132 Process and Quality Improvement: Collaboration Between Hospital Departments and Medical Device Manufacturers
*Brendan Mein, * Jonathan Burdach, Ronald Benzie, Lindy Ryan*
- 2078655 High-Frequency Ultrasound Imaging of *Drosophila* for Cardiac Research Applications
*John Eisenbrey, * Ji-Bin Liu, Traci Fox, Flemming Forsberg, Shubha Rao, Harpreet Singh*

Basic Science and Instrumentation: Tissue Characterization/Quantitative Ultrasound

- 2085764 What Is Anatomic Intelligence?
*Ben Stenberg, * Andrew McNeill*

Cardiovascular Ultrasound: Abdominal

- 2090730 Contrast-Enhanced Sonography in the Assessment of Abdominal Vein Thrombosis in the Cancer Patient: Pictorial Review
*Orlando Catalano, * Antonio Nunziata, Sergio Setola, Paolo Vallone, Antonella Petrillo*

Cardiovascular Ultrasound: Cardiac

- 2088402 An Early Start to Echocardiography: Does a First-Year Medical Student Cardiac Ultrasound Workshop Help Students' Self-Assessed Understanding of the Cardiac Physical Examination?
*Frances Youn, * Amy Sanghvi*

Cardiovascular Ultrasound: Carotid/ Cerebrovascular

- 2084743 Diagnostic Preservation of Atherosclerotic Ultrasound Videos for Stroke Telemedicine in a Watermarking Framework
*Jasjit Suri, * Nilanjan Dey, Soumyo Bose, Achintya Das, Sheli Chaudhuri, Luca Saba, Shoab Shafique, Andrew Nicolaides*

Cardiovascular Ultrasound: Peripheral Vascular

- 2090740 Sonographic and Color Doppler Findings in Patients With Peripheral Extravasation of Chemotherapy Agents: Pictorial Essay
*Orlando Catalano, * Antonio Nunziata, Fabio Sandomenico, Vincenza Granata, Antonella Petrillo*

Contrast-Enhanced Ultrasound

- 2062511 High-Frequency Ultrasound Examination of the Deep Cervical Artery
E. Zhansen
- 2083849 Second-Look Contrast-Enhanced Ultrasound-Guided Biopsy for Magnetic Resonance Imaging/Computed Tomography-Detected Lesions
Keitaro Kamei
- 2084490 Enhancement Parameters of Contrast-Enhanced Ultrasound Correlate With the Ki-67 Labeling Index in Breast Cancer
*Megumi Satoh, * Mutsumi Nishida, Yusuke Kudou, Satomi Omotehara, Takahito Iwai, Mamiko Inoue, Tatsunori Horie, Fumi Kato, Mitsuchika Hosoda, Kanako Hatanaka, Hiroko Yamashita*
- 2084974 The Use of Computed Tomography/Magnetic Resonance Imaging/Positron Emission Tomography Fusion in Diagnostic Ultrasound
Michael McNeill
- 2084979 Effects of Needle and Catheter Size on Commercially Available Ultrasound Contrast Agent Enhancement In Vitro
*John Eisenbrey, * Annemarie Daecher, Michael Kramer, Flemming Forsberg*
- 2087061 Comparison of Contrast-Enhanced Ultrasonography and Computed Tomography in Evaluation of the Immediate Treatment Response After Radiofrequency Ablation of Malignant Hepatic Tumors
*Young Hwan Lee, * Han Ah Lee, Taeyeong Heo, Kwon-Ha Yoon*
- 2089987 A Computationally Efficient Ultrasound Image-Processing Strategy for Local Estimation of Tumor Perfusion and Neovascular Morphologic Features
Kenneth Hoyt
- 2090714 Contrast-Enhanced Sonography in the Assessment of Dirty, Cystic-Like Focal Liver Lesions
*Orlando Catalano, * Antonio Nunziata, Fabio Sandomenico, Sergio Setola, Antonella Petrillo*
- 2091335 Assessment of the Usefulness of Multiparametric Ultrasound Imaging of the Testis in Determining Malignant Versus Benign Disease: Blinded Review of Diagnostic Capabilities
*Eleni Konstantatou, Asif Iqbal, Lorenzo Derchi, Michele Bertolotto, Massimo Valentino, Christina Kalogeropoulou, Paul Sidhu**

- 2091496 Multiparametric Ultrasonography of Testicular Hematomas: Features on Grayscale, Color Doppler, and Contrast Enhanced Sonography and Real-time Tissue Elastography
Eleni Konstantatou, Maria Sellars, Paul Sidhu, Gibran Yusuf, Dean Huang*
- 2091965 How Sensitive Is the Computer-Assisted Diagnostic Prototype for Malignancy Assessment of Focal Liver Lesions by Contrast-Enhanced Ultrasound
*Tudor Moga, Alina Popescu, Roxana Sirluip, Ioan Sporea**
- 2092035 How Useful Is Contrast-Enhanced Ultrasound in the Evaluation of Focal Liver Lesions? A Monocentric Experience
Oana Gradinaru-Tascau, Ioan Sporea, Tudor Moga, Siegfried Ivascu, Roxana Sirlu, Alina Popescu, Mirela Danila*
- Elastography**
- 2070242 Ultrasound Strain Relaxation Time Ratio: A Quantitative Marker for Assessment of Cortical Inflammation in Renal Allografts
Jing Gao, Keith Hentel, Noor Al Khorl, Robert Min*
- 2072446 Quantitative Elastography for Assessment of Liver Fibrosis in Patients With Chronic Hepatitis B: Correlation With Surgical Pathology
*Qiang Lu, Jia-Wu Li, Wen-Wu Ling, Yan Luo, Ji-Bin Liu**
- 2077111 Is Real-time Elastography Using Manual Compression a Viable Method for Providing a Differential Diagnosis of Benign and Malignant Thyroid Nodules?
*Victoria Cooke, Ben Stenberg**
- 2082791 Difficulties in the Performance of Ultrasound Elastography of Thyroid Malignancies
Alexander Sencha, Yury Patruncov, Helen Sergeeva, Mikhail Mogutov*
- 2088848 Acoustic Radiation Force Impulse Assessment of Hydronephrosis in Adults in an Outpatient Clinic
Chau Ngan Tran, Hung Thien Nguyen, Hai Thanh Phan*
- 2089097 Effect of Benign Calcifications of Breast Masses on Shear Wave Elastography
Adriana Gregory, Mohammad Mehrmohammadi, Max Denis, Mahdi Bayat, Mostafa Fatemi, Azra Alizad*
- 2089908 Shear Wave Elastographic and Acoustic Radiation Force Impulse Techniques for the Rotator Cuff Supraspinatus Tendon at Medical Center: A Preliminary Experience
Hung Thien Nguyen
- 2089979 In Vitro Quantification and Reproducibility of Elasticity Measurements Using 4 Different Ultrasound Scanners
Anesa Mulabecirovic, Mette Vesterhus, Odd Gilja, Roald Havre*
- 2090511 Real-time Shear Wave Elastography in the Evaluation of Different Thyroid Pathologies
*Mihaela Vlad, Ioana Golu, Ioana Zosin, Romulus Timar, Ioan Sporea**
- 2090662 Shear Wave Elastography: Four Essential Color Map Patterns to Rule Out Breast Malignancy
Yoshihiko Yonekawa, Keitaro Kamei*
- 2090990 Shear Wave Elastography of Thyroid Nodules for the Prediction of Thyroid Malignancy
Jeong-Ah Kim
- 2091047 Shear Wave Elastography and Vibration-Controlled Transient Elastography for the Diagnostic Approach to Chronic Hepatitis and Liver Cirrhosis
Pavlos Zoumpoulis
- 2091088 Detection and Characterization of Focal Lesions of the Prostate Using Shear Wave Elastography
Pavlos Zoumpoulis
- 2091338 Systematic Prostate Biopsy Guided by Real-time Elastography: Can This New Imaging Method Improve the Cancer Detection Rate? An Initial Brazilian Experiment
Claudia Silva, David Schigueoka, Sergio Ajzen*
- 2091484 Ultrasound Elasticity of Virtual Touch Imaging (Acoustic Radiation Force Impulse) and Conventional Ultrasound Characterizes Peripheral Pulmonary Consolidations
Liem Thanh Le
- 2091650 Could 2-Dimensional Shear Wave Elastography Be an Alternative to Acoustic Radiation Force Impulse Elastography in the Assessment of the Normal Kidney?
Flaviu Bob, Iulia Grosu, Ioan Sporea, Alina Popescu, Simona Bota, Roxana Sirlu, Oana Gradinaru-Tascau, Adalbert Schiller*
- 2091749 Evaluation of Intratesticular and Extratesticular Lesions With Real-time Elastography: Comparison of Strain Ratio Versus Color Map Visual Grading
*Eleni Konstantatou, Asif Iqbal, Paul Sidhu**

- 2092058 Feasibility of Transient Elastography in Clinical Practice
Roxana Sirli, Ioan Sporea, Alina Popescu, Mirela Danila, Siegfried Ivascu, Ruxandra Mare*
- 2092079 How Useful Is 2-Dimensional Shear Wave Elastography in the Evaluation of Patients With Liver Cirrhosis? Preliminary Experience
Oana Gradinaru-Tascau, Alina Popescu, Ioan Sporea, Roxana Sirli, Ruxandra Mare, Siegfried Ivascu*
- 2092110 Correlation Between the Controlled Attenuation Parameter and Liver Steatosis Quantification
Ruxandra Mare, Ioan Sporea, Alina Popescu, Alexandra Deleanu, Isabel Dan*
- 2092142 Shear Wave Elastographic Methods and Liver Biopsy for the Evaluation of Liver Fibrosis: Preliminary Experience
Oana Gradinaru-Tascau, Ioan Sporea, Alina Popescu, Roxana Sirli, Ruxandra Mare, Madalina Popescu*

Emergency and Critical Care Ultrasound: All Areas

- 2032183 International Emergency Medicine and Ultrasound Teaching
*Michael Schick, Zachary Soucy**
- 2032725 An Inexpensive and Easy Ultrasound Phantom: A Novel Use for Spam
Laura Nolting, Pat Hunt*
- 2066741 Surgical Critical Care and Ultrasound Training: Changing the Paradigm
Jacob Glaser, Cassandra Cardarelli, Matthew Vasquez, Thomas Scalea, Sarah Murthi*
- 2074527 High-Resolution Body Surface Ultrasonography to Evaluate Postoperative Interstitial Edema
Hiroyuki Sugimoto, Yoshikuni Inokawa, Yasuhiro Kodera*
- 2077183 Effect of Acidemia on Cardiac Function
Dineshkumar Patel, Brad Reynolds, Matthew Lyon, Steve Shiver, Molly Szerlip, Harold Szerlip*
- 2080915 Impact of Bedside Ultrasound on the Emergency Department Length of Stay in Patients With a Suspected Peritonsillar Abscess: Case Series
Chris Bryczkowski, Daniel Morrison, Jad Donato, Jonathan McCoy, Grant Wei, Rajiv Arya, Rajesh Geria*
- 2085897 Effectiveness of Teaching Vascular Anatomy With Ultrasound for Undergraduate Nursing Students
Jongyeol Kim, Vaughan Lee, Tiffani Wise*
- 2086542 Mobile Education for Emergency Ultrasound for Hydronephrosis: A Pilot Study
Wan-Ching Lien, Cheng-Yi Wu, Meng-Cher Wu, Phone Lin*
- 2086574 Mobile Education for Emergency Ultrasound for Acute Cholecystitis: A Pilot Study
Wan-Ching Lien, Cheng-Yi Wu, Meng-Cher Wu, Phone Lin*
- 2086588 Improving Junior Medical Staff's Resuscitation Performance With Ultrasound in Circulation-Airway-Breathing Management
Wan-Ching Lien, Meng-Cher Wu, Cheng-Yi Wu*
- 2086585 Mobile Education for Emergency Ultrasound for Abdominal Aortic Aneurysms: A Pilot Study
Wan-Ching Lien, Cheng-Yi Wu, Meng-Cher Wu, Phone Lin*
- 2086937 Improving Focused Assessment With Sonography for Trauma Use by General Surgery Residents Through Dedicated Emergency Medicine Training: A Pilot Study
Albert Kim, Melanie Kennedy, Enyo Ablordeppey, Deborah Shipley Kane*
- 2089044 The Relationship Between Hand Dominance and Peripheral Venous Access Sites in Intravenous Drug-Using Patients
Nicole Kaban, Turandot Saul, Nicholas Avitabile, Sebastian Siadecki, Resa Lewiss*
- 2089258 Retrospective Evaluation of a Longitudinal Third-Year Medical School Ultrasound Curriculum
Margaret Lewis, Bryant Allen, Anthony Weekes, Vivek Tayal*
- 2089259 General Surgery Ultrasound Training Program
Benjamin Sigmond, Melanie Kennedy, Daniel Eiferman, Eliza Beal, Paul Paetow, Nick Kelly, David Bahner*
- 2089344 Evaluating Delivery of Rapid Ultrasound for Shock and Hypotension Protocol Training as a Model for Ultrasound Education in a Rural Hospital in India
Katherine Stern, Lisa Kiyomi Remington, Lesley Lara, Shaun Disney, Michelle Wong*
- 2089491 Factors Associated With Significant Ultrasound Findings in Patients With Undifferentiated Abdominal Pain
Azeem Tajani, Timothy Faust, Jeanette Goldwaser, Philippe Louissaint, Arthur Au, Jason Fields*

- 2089601 Sonographic Evaluation of Common Genitourinary Disorders Encountered in the Emergency Department: A Review of “Don’t-Miss” Diagnoses”
Eugene Kim, Gayatri Joshi, Nirvikar Dahiya, Cary Siegel, Kathryn Robinson, Christine Menias, Sharlene Teefey*
- 2089631 Correlation of the Sonographically Measured Optic Nerve Sheath Diameter and Lumbar Puncture Opening Pressure in Emergency Department Headache Patients
Richard Gordon, Matthew Lyon, Joshua Wyatt*
- 2090300 Ultrasound of Scrotal Emergencies: A Sonographic Pictorial Review
Vijayanadh Ojili, Ameya Baxi, Arpit Nagar*
- 2090455 Imaging of Cholecystitis: Acute, Complicated, and Chronic
Shamim Ejaz, Harsh Shah, Bhargavi Patel, Micheal Bressler*
- 2090911 A Comparison of Ultrasound Probes Used for Subclavian Vein Visualization via the Supraclavicular Approach
Linda Joseph, Nathan Lane, Shadi Lahham, J. Christian Fox*
- 2091389 Evaluation of Student Perspectives on a Longitudinal Third-Year Medical School Ultrasound Curriculum
Margaret Lewis, Bryant Allen, Anthony Weekes, Vivek Tayal*
- 2091535 Ultrasound in Revelation Chondral Rib Fracture and Bony Rib Fracture at an Outpatient Clinic Without Evidence of Rib Lesions on Chest X-Ray
Liem Thanh Le
- 2091871 Multidisciplinary Intensive Care Unit Ultrasound Rounds
Amar Vira
- 2091874 Prognostic Implications of Pulmonary Hypertension in Patients With Syncope
Nikunj Bhatt, Joel Nations*
- 2091876 Multidisciplinary Ultrasound Leadership Training Initiative: Using Near-Peer Teaching to Eliminate the Gray Area in Third-Year Medical Student Ultrasound Education
Amar Vira
- 2092216 Point-of-Care Ultrasound in the Evaluation of Intravenous Drug Users With Soft Tissue Infections
Srikar Adhikari, Lori Stolz, Richard Amini, Albert Fiorello*
- 2092251 Ultrasound-Guided Nerve Blocks in Emergency Medicine Practice
Richard Amini, Jeffrey Kartchner, Arun Nagdev, Srikar Adhikari*
- Fetal Echocardiography**
- 2062390 Hypoplastic Umbilical Artery: Is There a Need for Universal Referral for Pediatric Fetal Echocardiography?
*Ashley Hirsch, Asha Heard, Ashley Veade, Joseph Miller**
- 2082413 Fetal Myocardial Performance Index in Laboring Versus Nonlaboring Women
Alexis Gimovsky, Brianna Whitney, Dennis Wood, Stuart Weiner*
- 2082950 Prenatal Sonographic Predictors of Neonatal Coarctation
Sanitra Anuwutnavin, Gary Satou, Ruey-Kang Chang, Greggory DeVore, Ashley Abuel, Mark Sklansky*
- 2084998 A Review of the Diagnostic Accuracy of Fetal Cardiac Anomalies
Frances Miceli
- 2087887 Barriers to Prenatal Ultrasound Screening for Congenital Heart Defects: The Physician’s Perspective
Nelangi Pinto, William Grobman, Sarah Ellestad, Amen Ness, Stephen Miller, Nina Gotteiner, Theresa Tacy, Anita Kinney*
- 2090856 Neonatal Congenital Heart Disease Presentation: Relation to Fetal Echocardiography
Jia-Kan Chang, Kai-Sheng Hsieh*
- General and Abdominal Ultrasound: Breast**
- 2072786 Update in Breast Imaging: Automated Coronal Breast Ultrasound
*Beverly Hashimoto, Peter Eby, Dawna Kramer, Steven Adler**
- 2083057 The Utility of 3-Dimensional Ultrasound in the Evaluation of Breast Lesions in the Emergency Department
Tova Koenigsberg, Susan Frank, Beatriu Reig*

General and Abdominal Ultrasound: General

- 2055867 Diagnosis of Gastric Varices by Endoscopic Ultrasonography
Takahiro Sato
- 2061652 Hepatic Size in Patients With Chronic Liver Disease Among a Nigerian Population: The Sokoto Experience
Sadisu Maaji
- 2061655 Ultrasound Measurements of Renal Volume Among a Nigerian Population
Sadisu Maaji
- 2082726 Scrotal Ultrasound in the Emergency Department: Untwisting the Differentials
Nupur Verma
- 2083788 What Are the Benefits of the Matrix Array Transducer in 2- and 3-Dimensional Ultrasonographic Imaging of the Abdomen?
Hyun Cheol Kim, Sang Won Kim, Dal Mo Yang*
- 2083969 Utility of 3-Dimensional Ultrasound in the Evaluation of Palpable Abdominal Wall Masses
Susan Frank, Shari Friedman, Marjorie Stein, Ellen Wolf, Malka Finkelstein*
- 2088694 Sonographic Findings of Various Diseases Causing Gallbladder Wall Thickening
Yoon Young Jung
- 2091220 Pictorial Review of the Sonographic Spectrum of Gallbladder Abnormalities
Vijayanadh Ojili, Ameya Baxi, Arpit Nagar*
- 2091543 Wooden Toothpick With 2 Sharp Tips Pierced the Gallbladder: A Very Rare Clinical Case Report
Liem Thanh Le
- 2091904 Testicular Adrenal Rests in Congenital Adrenal Hyperplasia: Ultrasonographic Appearance and Differential Diagnosis
*Sandra Tochetto, Rodrigo Pina, Osmar Saito, Julia Zavariz, M. Cristina Chammas**

General and Abdominal Ultrasound: Neck

- 2091143 Refractory Papillary Thyroid Cancer: Usual and Unusual Presentations on Ultrasound and Correlation With Other Imaging Modalities
Ricardo Costa Freitas, Bruna Melim Aburjeli, Ana Assis Ávila, George Filho, Marcio Taveira Garcia, Debora Danilovic, Ana Fialho de Oliveira Hoff, M. Cristina Chammas*
- 2091841 Cervical Thymic Anomalies: A Pictorial Review
*Sandra Tochetto, Osmar Saito, Julia Zavariz, Tatiana Cortez, M. Cristina Chammas**
- 2092113 Noncystic Cervical Mass: How to Make the Differential Diagnosis
*Sandra Tochetto, Osmar Saito, Julia Zavariz, Renata Lima Coelho, M. Cristina Chammas**

General and Abdominal Ultrasound: Tissue Characterization—Clinical

- 2082745 Fat-Containing Hepatic Masses: Ultrasound, Computed Tomographic, Magnetic Resonance Imaging, and Pathologic Correlation
Yongsoo Kim, Sang Hyuk Yim*
- 2083784 Ultrasound Features of Right Flank Pain: Emphasis on Nonurogenetic Origins
Yongsoo Kim, Sang Hyuk Yim*
- 2091464 Quantitative Ultrasound Methods for Lymphedema Assessment
Robert Dinniwel, Gregory Czarnota*

General and Abdominal Ultrasound: Urinary Tract

- 2079821 Role of Multiparametric Ultrasonography in Facilitating Testis-Sparing Surgery
Dean Huang, Eleni Konstantatou, Robert Eckersley, Maria Sellars, Paul Sidhu*
- 2082657 Pitfalls in Diagnosis With Renal Sonography
Jeffrey Roberts, Sarah Oh, Susan Frank, Marjorie Stein, Mordecai Koenigsberg, Fernanda Mazzariol*
- 2088692 Renal Nutcracker Syndrome: Imaging Findings
Hyun Lee, Jongyeol Kim, Kwanseop Lee*

Gynecologic Ultrasound

- 2037017 Preoperative Transvaginal Ultrasound Is an Effective Tool for Assessing the Depth of Myometrial Invasion and Tumor Size in Low-Grade Endometrial Cancer
Priyanka Kamath, Kristen Anderson, Mark Crozier, Amanda White, Alain Szyller*
- 2049744 Systematic Review of the Ability of Ultrasound to Predict Retained Placenta
Torre Halscott, C. Luke Dixon, Tiffany Chen, Jennifer Villavicencio, Huda Al-Kouatly, Annelee Boyle, Patrick Ramsey*
- 2069244 Identification of Unexpected or Unusual Causes of Acute Pelvic Pain
Daniel Ohngemach, Naeem Rahman, Ali Noor, Fiore Mastroianni, Jessica Schreiber-Zinamen, John Pellerito*
- 2077416 Skene Gland Duct Cysts: The Utility of Vaginal/Transperineal Imaging in Diagnosis and Mapping for Surgery—Case Series and Review of the Literature
Petrus Kruger, Rose Rahmani, Rose Kung*
- 2079603 Heterotopic Pregnancy: A Not-So-Rare Entity
*Artemis Petrides, Sabrina Mahboob, Samia Sayegh**
- 2079502 Anti-Müllerian Hormone as an Effective Screening Tool for Ovarian Reserve in Determining the Need for Oocyte Cryopreservation
Tomer Singer, Courtney Griffiths, Nachum Sicherman, Christine Mullin, Mina Alikani, Hong Yang, Avner Hershlag*
- 2083278 Isolated Tubal Torsion: Review of 5 Cases
Alpana Joshi
- 2084850 Ultrasound-Guided Treatment of Heterotopic Cornual Pregnancy
Stephanie DeJong, Zaraq Khan, Jani Jensen*
- 2086932 Imaging Spectrum of Massive Ovarian Edema: A Case Series Review
*Brett Sjoberg, Maryam Rezvani, Anne Kennedy**
- 2089422 Role of Ultrasound in the Diagnosis of Uterine Non-Hodgkin Lymphoma: A Rare Disease
Danielle Kramer, Rosana Rodriguez, Usha Verma*
- 2090125 Ultrasound of Gynecologic Emergencies: A Sonographic Pictorial Review
Vijayanadh Ojili, Sara Koenig, Arpit Nagar*

- 2090524 Patterns of Sonographic Findings in the Diagnosis of Cervical Ectopic Pregnancies: A Series of 7 Cases
Brad Holbrook, Rebecca Hall, Luis Izquierdo*
- 2091190 The Usefulness of a Handheld Ultrasound Device for the Visualization of Uterine Fibroids
Atsushi Yoshida, Hidenori Sasa, Kenichi Furuya*
- 2092092 Persistent Cervical Hypervascularity After Treatment of Cervical Ectopic Pregnancies: A Series of 8 Cases
Brad Holbrook, Rebecca Hall, Luis Izquierdo*

High-Frequency Clinical and Preclinical Ultrasound

- 2080417 Ectopic Thyroid Tissue in the Head and Neck: A Pictorial Review
Osmar Saito, Maria Chammas, Sandra Tochetto, Giovanni Cerri*
- 2089103 Anatomy of the Optic Nerve Cribriform Plate
Robert Bard
- 2089110 The Epidermis in Health and Psoriasis
Robert Bard
- 2089181 Optical Coherence Tomography and 3-Dimensional Sonography of Basal Cell Carcinoma
Robert Bard

Interventional-Intraoperative Ultrasound

- 2079898 Ultrasound-Guided Fine-Needle Aspiration for Solid Thyroid Nodules Larger Than 10 mm: Correlation Between Sonographic Characteristics at the Needle Tip and Nondiagnostic Results
Hong Wu
- 2081840 Perioperative Ultrasound Monitoring of Radial Artery Catheter Failure
Ji-Bin Liu, Elaine Kilmartin, Christopher McNulty, Katherine Michelini, Maria Montano, Michael Natter, Muhammad Tahir, Jia Li, Qiang Lu, Huiwen Li, Yan Xu, Cun Liu, Jeffrey Joseph, Marc Torjman*
- 2083121 Biopsies of Hidden Masses in the Head and Neck: Why You Should Be Using Ultrasound
Gregory Nizialek, Ji Bueth, Nami Azar, Salim Abboud, Dean Nakamoto*
- 2089094 Three-Dimensional Imaging of Prostate Cancer: Active Surveillance
Robert Bard

2092099 The Quality of Liver Tissue Specimens in Echo-Assisted Liver Biopsy

Ioan Sporea, Felix Bende, Roxana Sirli, Alina Popescu, Silviu Nistorescu*

2092249 Referring Physicians' Perceptions of an Interventional Ultrasound Consult Clinic

Salim Abboud, Yasmine Ahmed, Soham Shah, Dean Nakamoto, Nami Azar*

Musculoskeletal Ultrasound

2031387 Cadaveric Validation and In Vivo Measurement Reliability of a Novel Linear Array Transperineal Sonographic Evaluation of Male Pelvic Floor Structures

Shawn Roll, Manku Rana, Susan Sigward, Moheb Yani, Daniel Kirages, Jason Kutch*

2055742 Implementation of a Rheumatologic Musculoskeletal Ultrasound Training Curriculum for Physiatry Residents

*Chloe Slocum, Imran Siddiqui, Kevin O'Connor, Minna Kohler**

2059041 The Role of Ultrasound in the Evaluation of Superficial Soft Tissue Masses

Nurul Gazali, Denise Lau, Rafidah Bakar, P. Chandra Mohan*

2060741 Through the Looking Glass: Ultrasound Imaging in the Classroom to Teach In Vivo Anatomy and Kinesiologic Principles to First-Year Doctor of Physical Therapy Students

Ruth Maher, Sheri Hale*

2066125 Acute Arm Muscle Injury: Finding a Correlation Between Ultrasound and Magnetic Resonance Imaging—Transient Compartment Syndrome in the Arm

Park Dalsu

2071378 Ultrasound-Guided Hydrodissection of the Iliotibial Band After Total Knee Arthroplasty: Case Report

Lawrence Lai, Varun Patibanda, Gloria Hwang, Todd Stitik, Patrick Foye, Boqing Chen*

2073144 Ultrasound-Guided Interventions for Shoulder Pathology: A Pictorial Review and Technical Guide

Shefali Kothary, Ogonna Nwawka, Yoshimi Endo, Gregory Saboeiro, Theodore Miller*

2076544 The Current State of Musculoskeletal Ultrasound Education in Physical Medicine and Rehabilitation Residency Programs

Imran Siddiqui, Jennifer Luz, Joanne Borg-Stein, Kevin O'Connor, Marcia Bockbrader, Sam Colachis, Heather Rainey, David Bahner, Minna Kohler*

2077759 Sonography of Orthopedic Hardware Complications

Jonelle Petscavage-Thomas, Cristy Gustas, Vijay Mittal*

2079040 Ultrasound Imaging Assessment of the Manual Traction-Induced Vacuum Phenomenon in the Metacarpophalangeal Joints of a Lightly Embalmed Cadaver

Kimberly Michael, G.M. Willett*

2079496 Shoulder Pain in Long-Term Hemodialytic Individuals: Clinical and Sonographic Findings in the Diagnose of Amyloid Arthropathy

*Felipe Carneiro, Igor Sousa, Renato Sernik, M. Cristina Chammas**

2080072 Sensitivity and Specificity of Diagnostic Ultrasound in the Diagnosis of Phrenic Neuropathy

*Caitlin Harper, Jeffrey Strommen, Andrea Boon**

2083211 Usefulness of a New Position (Internal Rotation in Hanging) of the Shoulder in a Posterior Approach for Sonographically Guided Intra-articular Injection

Shi-Uk Lee

2083472 Musculoskeletal Ultrasound for the Diagnosis and Management of Gout

Minna Kohler, Laura Amorese, Janice Lin, Liana Fraenkel*

2085220 Quantitative Assessment of the Quadriceps Femoris Muscle for Early Detection of Musculoskeletal Disorders Using Ultrasonography

Tsuneo Watanabe, Nobuo Terabayashi, Daisuke Fukuoka, Hiroki Murakami, Tamotsu Yabumoto, Sohee Shin, Hiroyasu Ito, Toshio Matsuoka, Mitsuru Seishima, Hiroshi Fujita*

2086431 Sonographic Assessment of Changes in Serratus Anterior Thickness During a Laboratory-Induced Shrug Sign

Nancy Talbott, Dexter Witt*

2089805 Sentinel Lymph Node Melanoma Micrometastasis Managed Conservatively: Sonographic Patterns of Recurrence

Orlando Catalano, Corrado Caraco, Antonio Nunziata, Nicola Mozzillo, Antonella Petrillo*

2090419 Localizing Maximal Distention in the Subdeltoid Bursa by Point-of-Care Ultrasound Alters the Ultrasound-Guided Injection Approach

Lindsay Ramey, Sasha Knowlton, Minna Kohler*

- 2090502 Ultrasound-Guided Calcific Tendinitis Lavage: Application, Technique, and Outcome
Andrew Schapiro, Humberto Rosas, Kenneth Lee*
- 2090609 A Streamlined, Collaborative Musculoskeletal Ultrasound Clinic Can Lead to Quicker Diagnosis and Treatment as Well as Reduced Total Patient Visits
Patricia Delzell, Michael Forney, Susan Joy, Jennifer Bullen, Jean Schils*
- 2090878 Recurrent Rotator Cuff Tear After Arthroscopic Repair: Ultrasonographic Assessment With Magnetic Resonance Arthrographic Comparison
Howard Haw-Chang Lan, San Kan Lee, Clayton Chi-Chang Chen*
- 2090899 Ultrasound for Diagnosing Achilles Tendon Rupture in Patients Treated Surgically: A Systematic Review and Meta-analysis
Amir Aminlari
- 2091007 Sonographic Characteristics of the Trapezius Muscle in Team Handball Players
Tamotsu Yabumoto, Tsuneo Watanabe, Sohee Shin, Hiroyuki Sugimori, Hajime Fujimoto, Yoshiaki Uno, Toshio Matsuoka
- 2091103 The Prevalence of Wrist Ganglia in a Chiropractic Student Population
Daniel Haun, Kevin Bradshaw, Kayla St Aubin, Caleb Alford, Eric Michener, Aaron Perkins*
- 2091239 The Reliability of Sonographic Measurements of Glenohumeral Stiffness
Nancy Talbott, Dexter Witt*
- 2091249 Sonographic Assessment of Lower Trapezius Thickness During a Laboratory-Induced Shrug Sign
Nancy Talbott, Dexter Witt*
- 2091264 Manual Application of Inferior Glenohumeral Mobilizations: An Ultrasound Investigation of the Effect of Shoulder Position on Movement and Force
Dexter Witt, Nancy Talbott*
- 2091284 Using Sonographic Measurements to Compare 2 Orthopedic Assessments of Inferior Glenohumeral Stability
Dexter Witt, Nancy Talbott*
- 2091292 Sonographic Measurements of Humeral Head Movement During Manual Inferior Mobilizations Procedures
Dexter Witt, Nancy Talbott*
- 2091896 Can Medical Students Achieve Minimal Competency in Musculoskeletal Ultrasound?
Marcia Bockbrader, Melanie Kennedy, Allison Nuovo, Rebecca Siegel, David Bahner*
- 2092010 Ultrasound Milestones for Physical Medicine and Rehabilitation in Graduate Medical Education
Marcia Bockbrader, Melanie Kennedy, Allison Nuovo, Rebecca Siegel, Melita Moore, David Way, David Bahner*
- 2092183 Perceived Barriers to Nerve and Musculoskeletal Ultrasound Education in Physical Medicine and Rehabilitation Residency Programs
Marcia Bockbrader, Heather Rainey, David Way, Sam Colachis, David Bahner, Jennifer Luz, Imran Siddiqui, Joanne Borg-Stein, Kevin O'Connor, Minna Kohler*
- 2092313 Attitudes Toward the Appropriateness of Including Ultrasound-Guided Nerve and Musculoskeletal Procedures in the Scope of Physical Medicine and Rehabilitation Residency Education
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