

March 01, 2020	<a href="#">Very High-Resolution Ultrasound of the Distal Median Nerve</a>	Objective. A very high-resolution (70 MHz) ultrasound device (VHRUS) has recently been approved for use in humans.
January 01, 2020	<a href="#">A Preliminary Study for Quantitative Assessment with HFUS (High-Frequency Ultrasound) of Nodular Skin Melanoma Breslow Thickness in Adults Before Surgery: Interdisciplinary Team Experience</a>	Background: Cutaneous melanoma is one of the most severe skin diseases. Nodular melanoma is the second melanoma subtype in order of frequency.
January 01, 2020	<a href="#">Seventy MHz Ultrasound Detection of Early Signs Linked to the Severity, Patterns of Keratin Fragmentation, and Mechanisms of Generation of Collections and Tunnels in Hidradenitis Suppurativa</a>	Objectives—To test the capability of 70-MHz ultrasound for detecting initial ultrasound signs of hidradenitis suppurativa (HS) linked to severity.
October 30, 2019	<a href="#">Performance of ultra-high-frequency ultrasound in the evaluation of skin involvement in systemic sclerosis: a preliminary report</a>	Objective.
January 01, 2018	<a href="#">The Quantitative Anatomy of the Dorsal Scapholunate Interosseous Ligament</a>	Background: The anatomy of the scapholunate interosseous ligament (SLIL) has been described qualitatively in great detail, with recognition of the dor
May 30, 2020	<a href="#">Long term renal prognosis and risk for hypertension after myeloablative therapies in survivors of childhood high risk neuroblastoma: A nationwide study</a>	Background: Patients with high-risk neuroblastoma (HR NBL) treated with myeloablative regimens are reported to be at risk for cardiovascular morbidity
January 01, 2020	<a href="#">Discovering a new anatomy: exploration of oral mucosa with ultra-high frequency ultrasound</a>	Objectives: Ultra-high frequency ultrasound (UHFUS) is a recently developed diagnostic technique involving the use of ultrasound frequencies up to 70
January 01, 2020	<a href="#">Skin thickness measurements for optimal intradermal injections in children</a>	Background: In the context of precision medicine and in response to the highly needed capacity of rapid interventions towards new infectious diseases
September 01, 2019	<a href="#">The efficacy of Ultra-High Frequency Ultrasonography in the diagnosis of intraoral lesions</a>	Objectives: The aim of the present study was to evaluate the diagnostic efficacy of ultra-high frequency ultrasound (UHFUS) imaging of intraoral soft
May 01, 2019	<a href="#">Radial artery remodeling following transradial percutaneous coronary intervention in men and women: insights from serial ultrahigh frequency ultrasonography</a>	Background: Remodeling of the radial artery (RA) after transradial percutaneous coronary intervention (TRI) is under studied.
March 05, 2019	<a href="#">Mechanical Deformation of Human Optic Nerve Head and Peripapillary Tissue in Response to Acute IOP Elevation</a>	PURPOSE.
March 01, 2019	<a href="#">Feasibility of a combination of intraoral UHFUS and CBCT in the study of peri-implantitis</a>	Objectives: The aim of this study was to investigate the combination of intraoral ultra-high-frequency ultrasonography (UHFUS) and cone beam computed
February 01, 2019	<a href="#">Maternal obesity and gestational diabetes: Impact on arterial wall layer thickness and stiffness in early childhood - RADIEL study six-year follow-up</a>	Background and aims: Gestational diabetes (GDM) and maternal obesity are linked to weight gain in childhood and an increased risk of cardiovascular di
January 01, 2019	<a href="#">Comparison of high-frequency and ultrahigh-frequency probes in chronic inflammatory demyelinating polyneuropathy</a>	Objectives: High-frequency ultrasound (HFUS 18–20 MHz) performed on patients with chronic inflammatory demyelinating polyneuropathy (CIDP) shows a foc
January 01, 2019	<a href="#">Advanced ultrasound techniques for pediatric imaging</a>	Ultrasound has become a useful tool in the workup of pediatric patients abstract because of the highly convenient, cost-effective, and safe nature of

January 01, 2019	<a href="#">Advanced evaluation of hidradenitis suppurativa with ultra high frequency ultrasound: A promising tool for the diagnosis and monitoring of disease progression</a>	Background: Hidradenitis suppurativa is a chronic inflammatory skin disease.
January 01, 2019	<a href="#">Intraoral Ultra High Frequency Ultrasound study of oral lichen planus: A pictorial review</a>	Background: Ultra-High Frequency Ultrasound (UHFUS) is a recently introduced diagnostic technique involving the use of higher frequencies compared to
January 01, 2019	<a href="#">Ultra High-frequency Ultrasonographic Imaging with 70 MHz Scanner for Visualization of the Lymphatic Vessels</a>	Background: Identification and localization of functional lymphatic vessels are important for lymphaticovenular anastomosis.
January 01, 2019	<a href="#">Diagnostic performance and utility of very high-resolution ultrasonography in diagnosing giant cell arteritis of the temporal artery</a>	Objective: Very-high resolution US (VHRU; 55 MHz) provides improved resolution and could provide non-invasive diagnostic information in GCA of the tem
January 01, 2019	<a href="#">Ultra-high-frequency Ultrasound to Assess Nerve Fascicles in Median Nerve Traumatic Neuroma</a>	A traumatic neuroma is a major cause of persistent neuropathic pain. Diagnostic imaging tools are critical to the success of surgical treatment.
December 23, 2018	<a href="#">The 'ALSPAC in London' dataset: adiposity, cardiometabolic risk profiles, and the emerging arterial phenotype in young adulthood</a>	Rising rates of adiposity in the young pose one of the greatest threats to future population burden of cardiovascular disease.
December 20, 2018	<a href="#">Ultrasound Characteristics of the Hair Follicles and Tracts, Sebaceous Glands, Montgomery Glands, Apocrine Glands, and Arrector Pili Muscles</a>	Objectives—To explore the capability of very high-frequency ultrasound (US; 50–71 MHz) to detect the normal morphologic characteristics of the hair fo
December 06, 2018	<a href="#">Preliminary experience of the use of high-resolution skin ultrasound for the evaluation of extrathyroidal manifestations of Graves' disease and response to UVA-1 phototherapy</a>	Graves' orbitopathy (GO) and pre-tibial mixedema (PTM) are autoimmune manifestation sharing the same etiology and histopathology, a chronic course and
November 01, 2018	<a href="#">Motor cortex neurovascular coupling: inputs from ultra-high-frequency ultrasound imaging in humans</a>	OBJECTIVE Neurovascular coupling reflects the link between neural activity and changes in cerebral blood flow.
July 01, 2018	<a href="#">In vivo estimation of the Young's modulus in normal human dermis</a>	Skin elastic properties change during a cutaneous disorder or in the aging process.
June 01, 2018	<a href="#">Ultra-high frequency ultrasound in planning capillary perforator flaps: Preliminary experience</a>	
January 01, 2018	<a href="#">Intraoperative imaging of lymphatic vessel using ultra high-frequency ultrasound</a>	
January 01, 2018	<a href="#">Very-High-Resolution Sonography Of Median Nerve : A Comparative Study Vs High-Resolution Sonography In Healthy Subjects</a>	The use of ultrasound in the study of peripheral nerves dates back to the late 80s [1]; the first ultrasound studies of the median nerve (MN) affected
January 01, 2018	<a href="#">New findings in non-invasive imaging of cutaneous endometriosis: Dermoscopy, high-frequency ultrasound and reflectance confocal microscopy</a>	© 2018 John Wiley & Sons A/S. Background: Cutaneous endometriosis (CE) is rare and its dermoscopic features were reported only in 3 patients.
January 01, 2018	<a href="#">Ultrasound Characteristics of the Hair Follicles and Tracts, Sebaceous Glands, Montgomery Glands, Apocrine Glands, and Arrector Pili Muscles</a>	Background: Ultrasonography is a cost-effective, noninvasive, and expedient imaging modality with numerous clinical applications.
January 01, 2018	<a href="#">High-Frequency Micro-Ultrasound Imaging and Optical Topographic Imaging for Spinal Surgery: Initial Experiences</a>	High frequency micro-ultrasound ( $\mu$ US) transducers with central frequencies up to 50 MHz facilitate dynamic visualization of patient anatomy with minim

January 01, 2018	<a href="#">Ultrahigh-resolution ultrasound characterization of access site trauma and intimal hyperplasia following use of a 7F sheathless guide versus 6F sheath/guide combination for transradial artery PCI: Results of the PRAGMATIC trial</a>	There exist limited data on the relative degree of acute injury and late healing of the radial artery after transradial artery (TRA) percutaneous coro
April 09, 2017	<a href="#">Clinical and biological markers of premature aging after autologous SCT in childhood cancer</a>	The aim of this study was to analyze the prevalence of frailty and physical health limitations among long-term survivors of high-risk neuroblastoma (H
March 01, 2017	<a href="#">Development of an injectable pseudo-bone thermo-gel for application in small bone fractures</a>	A pseudo-bone thermo-gel was synthesized and evaluated for its physicochemical, mechanical and rheological properties, with its application to treat s
February 01, 2017	<a href="#">Ultra High-frequency Ultrasound of Fascicles in the Median Nerve at the Wrist</a>	Introduction: An ultra high-frequency (70 MHz) ultrasound device has recently been approved for human use.
January 01, 2016	<a href="#">Ultrahigh Frequency Ultrasound Imaging of the Hand : A New Diagnostic Tool for Hand Surgery</a>	Background: Ultrasonography is a cost-effective, noninvasive, and expedient imaging modality with numerous clinical applications.
January 01, 2016	<a href="#">Comparison of very-high-frequency ultrasound assessment of radial arterial wall layers after first and repeated transradial coronary procedures</a>	BACKGROUND Transradial coronary procedure (TRP) traumatizes the radial artery (RA), especially resulting in changes to arterial wall morphology.
January 01, 2016	<a href="#">Computer-Aided Evaluation of Blood Vessel Geometry From Acoustic Images</a>	A method for computer-aided assessment of blood vessel geometries based on shape-fitting algorithms from metric vision was evaluated.
January 01, 2016	<a href="#">Quantification of granuloma volume and response to treatment in cutaneous sarcoidosis using 3-dimensional high-frequency ultrasound scan</a>	C utaneous involvement occurs in 25% to 30% of patients with sarcoidosis.1 Effective treat- ment of the disease has historically been challenging give
September 06, 2016	<a href="#">Neonatal Arterial Morphology Is Related to Body Size in Abnormal Human Fetal GrowthCLINICAL PERSPECTIVE</a>	BACKGROUND Restriction in fetal growth is associated with cardiovascular disease in adulthood.
July 01, 2016	<a href="#">Ultra high-frequency ultrasound: New capabilities for nail anatomy exploration</a>	Recent development of ultra high-resolution ultrasound systems, with frequencies as high as 70 MHz and capabil- ity resolution as fine as 30 lm, could
February 02, 2016	<a href="#">The Rotterdam Radial Access Research</a>	Background—Radial artery wall might be damaged after cannulation for cardiac catheterization.
January 01, 2015	<a href="#">Photoacoustic imaging of real-time oxygen changes in chronic leg ulcers after topical application of a haemoglobin spray: a pilot study</a>	Objective: To use a non-invasive measurement of oxygen saturation in chronic leg ulcers after the application of a topical haemoglobin spray to invest
November 01, 2015	<a href="#">Radiotherapy-related arterial intima thickening and plaque formation in childhood cancer survivors detected with very-high resolution ultrasound during young adulthood</a>	PURPOSE: To test intensive alkylator-based therapy in desmoplastic small round-cell tumor (DSRCT).
April 01, 2015	<a href="#">Feasibility and precision of transcutaneous very-high resolution ultrasound for quantification of arterial structures in human neonates – Comparison with conventional high resolution vascular ultrasound imaging</a>	Background: Non-invasive transcutaneous very-high resolution ultrasound (VHRU, 25-55MHz) has recently been developed to quantify superficial vascular
January 01, 2014	<a href="#">Radial artery intima-media thickness predicts major cardiovascular events in patients with suspected coronary artery disease</a>	AIMS: In the present study, we investigated the prognostic value of radial artery intima-media thickness (rIMT) in patients with suspected coronary ar

June 01, 2013	<a href="#">High-frequency micro-ultrasound for vascular access in young children--a feasibility study by the High-frequency UltraSound in Kids studY (HUSKY) group.</a>	BACKGROUND: Cannulation of small arteries and veins in young children can be challenging.
February 22, 2013	<a href="#">Increased Rate of Arterial Stiffening with Obesity in Adolescents: A Five-Year Follow-Up Study</a>	BACKGROUND: We prospectively and longitudinally determined the effects of childhood obesity on arterial stiffening and vascular wall changes.
January 14, 2013	<a href="#">Assessment of vascular remodeling after the Fontan procedure using a novel very high resolution ultrasound method: arterial wall thinning and venous thickening in late follow-up</a>	The Fontan circulation is associated with an increased central venous pressure, decreased ventricular preload, and increased afterload.
January 01, 2013	<a href="#">The potential influence of diabetic history on peripheral blood flow in superficial skin</a>	Vascular complication occurrence increases with the duration of diabetes.
September 01, 2012	<a href="#">Transcutaneous very-high resolution ultrasound for the quantification of carotid arterial intima-media thickness in children – Feasibility and comparison with conventional high resolution vascular ultrasound imaging</a>	Objective: To study the accuracy and feasibility of very-high resolution ultrasound (VHRU, 25-55 MHz) and conventional high resolution ultrasound (HRU)
March 01, 2012	<a href="#">High-resolution radial artery intima-media thickness and cardiovascular risk factors in patients with suspected coronary artery disease – Comparison with common carotid artery intima-media thickness</a>	Objective: The radial artery wall structure can be measured with non-invasive very high-resolution ultrasound with great feasibility and high accuracy
January 01, 2011	<a href="#">Assessment of early radial injury after transradial coronary intervention by high-resolution ultrasound biomicroscopy: Innovative technology application</a>	BACKGROUND: Transradial coronary intervention (TRI) introduces injury to the radial artery (RA) which will affect repeat transradial coronary procedur
January 01, 2011	<a href="#">Graft vasculopathy in clinical hand transplantation</a>	Allogeneic hand transplantation is now a clinical reality.
December 01, 2011	<a href="#">Feasibility of very-high resolution ultrasound to assess elastic and muscular arterial wall morphology in adolescents attending an outpatient clinic for obesity and lipid abnormalities</a>	Objective: Atherosclerosis begins during early life and is accelerated in individuals with cardiovascular risk factors.
November 01, 2011	<a href="#">Arteriovenous Fistulas for Hemodialysis: Application of High-Frequency US to Assess Vein Wall Morphology for Cannulation Readiness</a>	To determine whether venous wall thickness and hoop (circumferential) stress, as determined with high-frequency ultrasonography (US), can predict cann
January 01, 2010	<a href="#">Epidermal Thickness and Biomechanical Properties of Plantar Tissues in Diabetic Foot</a>	Diabetic foot is a common complication for people with diabetes but it is unclear whether the change is initiated from the skin surface or underneath
January 01, 2010	<a href="#">Assessment of vascular phenotype using a novel very-high-resolution ultrasound technique in adolescents after aortic coarctation repair and/or stent implantation: relationship to central haemodynamics and left ventricular mass</a>	Objectives Coarctation of the aorta (CoA) has been associated with abnormal vascular function, increased blood pressure (BP) and premature cardiovascu
October 01, 2010	<a href="#">Transcutaneous very-high-resolution ultrasound to quantify arterial wall layers of muscular and elastic arteries: Validation of a method</a>	Background: High-resolution ultrasound (HRU) is used to measure carotid intima-media thickness (IMT).
July 01, 2010	<a href="#">High-resolution ultrasound showing increased intima and media thickness of the radial artery in patients with end-stage renal disease</a>	Objective: Although clinically relevant atherosclerosis of the upper limb arteries is rarely seen, intimal hyperplasia of the arteries may reflect glo
January 11, 2010	<a href="#">Thicker carotid intima layer, thinner media layer and higher intima/media ratio in women with recurrent depressive disorders: A pilot study using non-invasive high frequency ultrasound</a>	Objectives: Growing evidence indicates that depression is an important risk factor for coronary heart disease.

January 01, 2009	<a href="#">Increased intima thickness of the radial artery in individuals with prehypertension and hypertension</a>	Background: We have used a novel ultra high-frequency (55 MHz) ultrasound technique to non-invasively measure the radial arterial vessel wall and sepa
December 01, 2009	<a href="#">High-resolution ultrasonography of the cutaneous nerve branches in the hand and wrist</a>	Ultrasonography can be used in the diagnosis of various neuropathies, including nerve injury.
January 01, 2009	<a href="#">High-Frequency Ultrasound for Evaluation of Intimal Thickness</a>	Background: The measurement of carotid intima–medial thickness is a well-validated measure of cardiovascular risk.
May 01, 2008	<a href="#">Limb Stress-Rest Perfusion Imaging With Contrast Ultrasound for the Assessment of Peripheral Arterial Disease Severity</a>	OBJECTIVES: We hypothesized that stress-rest perfusion imaging of skeletal muscle in the lower extremity with contrast-enhanced ultrasound (CEU) could
January 01, 2008	<a href="#">Obese children show increased intimal wall thickness and decreased pulse wave velocity</a>	OBJECTIVE: Childhood obesity confers an increased risk of vascular changes and adult cardiovascular disease.
January 01, 2007	<a href="#">Increasing peripheral artery intima thickness from childhood to seniority</a>	BACKGROUND: Using new, very high-resolution ultrasound biomicroscopy, we examined the thickness of artificial layers of silicone and intima thickness