

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Overview of Ultrasound Imaging Applications in Dermatology</a>	Journal of Cutaneous Medicine and Surgery		2021	Nouf, Almuhanna, Ximena, Wortsman, Iris, Wohlmuth-Wieser, Misaki, Kinoshita-Ise, Raed, Alhusayen	Yes
<a href="#">Imaging digital arteries in systemic sclerosis by tomographic 3-dimensional ultrasound</a>	Rheumatology International	<a href="https://doi.org/10.1007/s00296-020-04675-5">https://doi.org/10.1007/s00296-020-04675-5</a>	2020	M., Hughes, S., Rogers, J., Carreira, T., Moore, J., Manning, G., Dinsdale, C., McCollum, A. L., Herrick	Yes
<a href="#">Ultra-High Frequency Ultrasound. A Promising Diagnostic Technique: Review of the Literature and Single-Center Experience</a>	Canadian Association of Radiologists Journal		2020	Rossana, Izzetti, Saverio, Vitali, Giacomo, Aringhieri, Marco, Nisi, Teresa, Oranges, Valentina, Dini, Francesco, Ferro, Chiara, Baldini, Marco, Romanelli, Davide, Caramella, Mario, Gabriele	Yes
<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>	Current Radiopharmaceuticals	<a href="http://www.eurekaselect.com/175390/article">http://www.eurekaselect.com/175390/article</a>	2020	Alfonso, Reginelli, Maria P., Belfiore, Anna, Russo, Fabrizio, Turriziani, Elvira, Moscarella, Teresa, Troiani, Gabriella, Brancaccio, Andrea, Ronchi, Emilio, Giunta, Antonello, Sica, Francesco, Iovino, Fortunato, Ciardiello, Renato, Franco, Giuseppe, Argenziano, Roberto, Grassi, Salvatore, Cappabianca	Yes
<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>	Journal of Ultrasound in Medicine	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/jum.15164">https://onlinelibrary.wiley.com/doi/abs/10.1002/jum.15164</a>	2020	Ximena, Wortsman, Perla, Calderon, Ariel, Castro	Yes
<a href="#">Performance of ultra-high-frequency ultrasound in the evaluation of skin involvement in systemic sclerosis: a preliminary report</a>	Rheumatology	<a href="https://academic.oup.com/rheumatology/advance-article/doi/10.1093/rheumatology/...">https://academic.oup.com/rheumatology/advance-article/doi/10.1093/rheumatology/...</a>	2019	Esperanza, Naredo, Javier, Pascau, Nemanja, Damjanov, Gemma, Lepri, Pedro M, Gordaliza, Justina, Janta, Juan Gabriel, Ovalles-Bonilla, Francisco Javier, López-Longo, Marco, Matucci-Cerinic	Yes
<a href="#">Very High-Resolution Ultrasound of the Distal Median Nerve</a>	Clinical Neurophysiology	<a href="https://doi.org/10.1016/j.clinph.2020.03.013">https://doi.org/10.1016/j.clinph.2020.03.013</a>	2020	Mariana, Ridolfi, Paola, Caruso, Alex, Buoite Stella, Paolo, Manganotti	Yes
<a href="#">The Quantitative Anatomy of the Dorsal Scapholunate Interosseous Ligament</a>	Hand	<a href="http://journals.sagepub.com/doi/10.1177/1558944718798846">http://journals.sagepub.com/doi/10.1177/1558944718798846</a>	2018	M. Claire, Manske, Jerry I., Huang	Yes
<a href="#">Ultrasound-guided injection of intralesional steroids in acute hidradenitis suppurativa lesions: A prospective study</a>	Dermatologic Therapy		2021	Michela, Iannone, Agata, Janowska, Teresa, Oranges, Lorenzo, Balderi, Bianca Benedetta, Benincasa, Saverio, Vitali, Giulia, Tonini, Riccardo, Morganti, Marco, Romanelli, Valentina, Dini	No

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<a href="#">Ideal cardiovascular health and vascular phenotype associations in mothers with obesity and their six-year-old children</a>	Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy		2021	Linda, Litwin, Johnny K.M., Sundholm, Jelena, Meiniilä, Janne, Kulmala, Tuija H., Tammelin, Kristiina, Rönö, Salla B., Koivusalo, Johan G., Eriksson, Taisto, Sarkola	No
<a href="#">Diagnostic Imaging of A2 Pulley Injuries: A Review of the Literature</a>	Journal of Ultrasound in Medicine		2021	William, Berrigan, William, White, Kevin, Cipriano, Jordan, Wickstrom, Jay, Smith, Nelson, Hager	No
<a href="#">Usefulness of High-Frequency Ultrasonography in the Diagnosis of Melanoma: Mini Review</a>	Frontiers in Oncology		2021	Maria Paola, Belfiore, Alfonso, Reginelli, Anna, Russo, Gaetano Maria, Russo, Maria Paola, Rocco, Elvira, Moscarella, Marilina, Ferrante, Antonello, Sica, Roberto, Grassi, Salvatore, Cappabianca	No
<a href="#">Ultra high-frequency ultrasound with seventy-MHz transducer in hair disorders: Development of a novel noninvasive diagnostic methodology</a>	Journal of Dermatological Science	<a href="https://doi.org/10.1016/j.jdermsci.2021.04.008">https://doi.org/10.1016/j.jdermsci.2021.04.008</a>	2021	Misaki, Kinoshita-Ise, Manabu, Ohyama, Joel M., Ramjist, F. Stuart, Foster, Victor X.D., Yang, Muskaan, Sachdeva, Shachar, Sade, Neil H., Shear	No
<a href="#">Multi-modality imaging assisted fluorescence-guided resection of glioblastoma: Case report</a>	Interdisciplinary Neurosurgery: Advanced Techniques and Case Management		2020	Shaurya, Gupta, Daipayan, Guha, Shervin, Taslimi, Stefano M., Priola, Ghouth, Waggass, Chris, Heyn, Simon, Graham, Stuart, Foster, Paul, Kongkham, John, Sinclair, Douglas J., Cook, Julian, Spears, Sunit, Das, Todd, Mainprize, Michael D., Cusimano, Arjun, Sahgal, Gelareh, Zadeh, Mark, Bernstein, Brian, Wilson, Ekkehard, Kasper, Ryan, DeMarchi, Nareh, Murty, Brian, Drake, Paul, Muller, James, Perry, Victor X.D., Yang	No
<a href="#">HIGH FREQUENCY ULTRASONOGRAPHY: RELIABLE TOOL TO MEASURE SKIN FIBROSIS IN SSC? A systematic literature review and additional pilot study</a>	Rheumatology	<a href="https://academic.oup.com/rheumatology/advance-article/doi/10.1093/rheumatology/...">https://academic.oup.com/rheumatology/advance-article/doi/10.1093/rheumatology/...</a>	2021	Amber, Vanhaecke, Maurizio, Cutolo, Lise, Heeman, Veronica, Vilela, Ellen, Deschepper, Karin, Melsens, Vanessa, Smith	No
<a href="#">Validation of the soft-embalmed Thiel cadaver as a high-fidelity simulator of pressure during targeted nerve injection</a>	Regional Anesthesia and Pain Medicine		2021	Graeme, McLeod, Shengli, Zihang, Amy, Sadler, Anu, Chandra, Panpan, Qiao, Zhihong, Huang, Christine, Demore	No
<a href="#">Spectral Shift Originating from Non-linear Ultrasonic Wave Propagation and Its Effect on Imaging Resolution</a>	Ultrasound in Medicine & Biology		2021	Ehsan, Jafarzadeh, Mohammad H., Amini, Anthony N., Sinclair	No

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<a href="#">Ultra-high-frequency ultrasound and machine learning approaches for the differential diagnosis of melanocytic lesions</a>	Experimental Dermatology		2021	Francesco, Faita, Teresa, Oranges, Nicole, Di Lascio, Francesco, Ciompi, Saverio, Vitali, Giacomo, Aringhieri, Agata, Janowska, Marco, Romanelli, Valentina, Dini	No
<a href="#">Ultra high frequency ultrasonography to distinguish ganglionic from aganglionic bowel wall in Hirschsprung disease: A first report</a>	Journal of Pediatric Surgery	<a href="https://linkinghub.elsevier.com/retrieve/pii/S0022346821001196">https://linkinghub.elsevier.com/retrieve/pii/S0022346821001196</a>	2021	Christina, Granéli, Tobias, Erlöv, Rodrigo Munoz, Mitev, Ioanna, Kasselaki, Kristine, Hagelsteen, David, Gisselsson, Tomas, Jansson, Magnus, Cinthio, Pernilla, Stenström	No
<a href="#">Ultra-high-frequency ultrasound monitoring of plaque psoriasis during ixekizumab treatment</a>	Skin Research and Technology		2021	Valentina, Dini, Agata, Janowska, Francesco, Faita, Salvatore, Panduri, Bianca Benedetta, Benincasa, Rossana, Izzetti, Marco, Romanelli, Teresa, Oranges	No
<a href="#">Ultra-high frequency ultrasonography (UHFUS)-guided minor salivary gland biopsy: A promising procedure to optimize labial salivary gland biopsy in Sjögren's syndrome</a>	Journal of Oral Pathology & Medicine	<a href="https://onlinelibrary.wiley.com/doi/10.1111/jop.13162">https://onlinelibrary.wiley.com/doi/10.1111/jop.13162</a>	2021	Rossana, Izzetti, Francesco, Ferro, Saverio, Vitali, Marco, Nisi, Silvia, Fonzetti, Teresa, Oranges, Valentina, Donati, Davide, Caramella, Chiara, Baldini, Mario, Gabriele	No
<a href="#">Ultra-High Frequency Ultrasound (Uhfus) Applications in Sjogren Syndrome: Narrative Review and Current Concepts</a>	Gland Surgery		2020	Giacomo A., Aringhieri, Rossana, Izzetti, Saverio, Vitali, Francesco, Ferro, Mario, Gabriele, Chiara, Baldini, Davide, Caramella	No
<a href="#">High-resolution ultrasound imaging of skin involvement in systemic sclerosis: a systematic review</a>	Rheumatology International	<a href="http://link.springer.com/10.1007/s00296-020-04761-8">http://link.springer.com/10.1007/s00296-020-04761-8</a>	2021	Monika, Dźwigala, Piotr, Sobolewski, Maria, Maślińska, Ida, Yurtsever, Elzbieta, Szymańska, Irena, Walecka	No
<a href="#">Morphologic Features of Cutaneous T-Cell Lymphomas Using Dermoscopy and High Frequency Ultrasound</a>	Journal of Clinical Medicine		2020	Iris, Wohlmuth-Wieser, Joel M., Ramjist, Neil, Shear, Raed, Alhusayen	No
<a href="#">Ultra-high frequency ultrasound in the differential diagnosis of oral pemphigus and pemphigoid: An explorative study</a>	Skin Research and Technology		2021	Rossana, Izzetti, Marco, Nisi, Giacomo, Aringhieri, Saverio, Vitali, Teresa, Oranges, Marco, Romanelli, Davide, Caramella, Filippo, Graziani, Mario, Gabriele	No
<a href="#">Heartbeat-induced corneal axial displacement and strain measured by high frequency ultrasound elastography in human volunteers</a>	Translational Vision Science and Technology		2020	Sunny, Kwok, Keyton, Clayson, Nicholas, Hazen, Xueliang, Pan, Yanhui, Ma, Andrew J., Hendershot, Jun, Liu	No
<a href="#">Ultrasound in Sports and Occupational Dermatology</a>	Journal of Ultrasound in Medicine		2020	Ximena, Wortsman, Camila, Ferreira-Wortsman	No

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<a href="#">Ultra-high frequency ultrasonography of labial glands is a highly sensitive tool for the diagnosis of Sjögren's syndrome: a preliminary study.</a>	Clinical and experimental rheumatology	<a href="http://www.ncbi.nlm.nih.gov/pubmed/33095145">http://www.ncbi.nlm.nih.gov/pubmed/33095145</a>	2020	Francesco, Ferro, Rossana, Izzetti, Saverio, Vitali, Giacomo, Aringhieri, Silvia, Fonzetti, Valentina, Donati, Valentina, Dini, Marta, Mosca, Mario, Gabriele, Davide, Caramella, Chiara, Baldini	No
<a href="#">Ultra-high-frequency ultrasound imaging of sural nerve: A comparative study with nerve biopsy in progressive neuropathies</a>	Muscle & Nerve	<a href="https://onlinelibrary.wiley.com/doi/10.1002/mus.27073">https://onlinelibrary.wiley.com/doi/10.1002/mus.27073</a>	2021	Angela, Puma, Nicolae, Grecu, Luisa, Villa, Catherine, Butori, Thomas, Besson, Chiara, Cambieri, Michele, Cavalli, Nicolas, Azulay, Sabrina, Sacconi, Charles, Raffaelli	No
<a href="#">Clinical effectiveness and radial artery remodeling assessment via very-high-frequency ultrasound/ultra biomicroscopy after applying slender 7Fr sheath for transradial approach in left main bifurcation disease</a>	Current Medical Research and Opinion	<a href="https://doi.org/10.1080/03007995.2020.1815684">https://doi.org/10.1080/03007995.2020.1815684</a>	2020	Yingkai, Xu, Yingkai, Li, Hua, Shen, Beibei, Zhang, Qi, Zhao, Yujing, Cheng, Ziwei, Zhao, Qianyun, Guo, Jiaqi, Yang, Yujie, Zhou	No
<a href="#">Motivational Interview to improve vascular health in Adolescents with poorly controlled type 1 Diabetes (MIAD): a randomized controlled trial</a>	BMJ open diabetes research & care		2020	Mari Anne, Pulkkinen, Anna Kaisa, Tuomaala, Matti, Hero, Daniel, Gordin, Taisto, Sarkola	No
<a href="#">Ultrasound Imaging of Nevus Sebaceous of Jadassohn</a>	Journal of Ultrasound in Medicine	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/jum.15405">https://onlinelibrary.wiley.com/doi/abs/10.1002/jum.15405</a>	2020	Ximena, Wortsman, Camila, Ferreira-Wortsman, Yamile, Corredoira	No
<a href="#">Early Arterial Intimal Thickening and Plaque Is Related with Treatment Regime and Cardiovascular Disease Risk Factors in Young Adults Following Childhood Hematopoietic Stem Cell Transplantation</a>	Journal of Clinical Medicine		2020	Johnny, Sundholm, Anu, Suominen, Taisto, Sarkola, Kirsi, Jahnukainen	No
<a href="#">Dermatology Practical &amp; Conceptual Delayed Tattoo Reaction From Red Dye With Overlapping Clinicopathological Features : Examination With High-Frequency Ultrasound and Line-Field Optical Coherence Tomography</a>	Dermatology Practical & Conceptual		2020	Linda, Tognetti, Sean, Ekinde, Cyril, Habougit, Elisa, Cinotti, Pietro, Rubegni, Jean Luc, Perrot	No
<a href="#">Current and future applications of ultrasound imaging in peripheral nerve disorders</a>	World Journal of Radiology	<a href="https://www.wjnet.com/1949-8470/full/v12/i6/101.htm">https://www.wjnet.com/1949-8470/full/v12/i6/101.htm</a>	2020	Antonia, Carroll, Neil G, Simon	No
<a href="#">Ultra-High frequency ultrasound imaging of lymphatic channels correlates with their histological features: A step forward in lymphatic surgery</a>	Journal of Plastic, Reconstructive and Aesthetic Surgery	<a href="https://doi.org/10.1016/j.bjps.2020.05.053">https://doi.org/10.1016/j.bjps.2020.05.053</a>	2020	Alessandro, Bianchi, Giuseppe, Visconti, Akitatsu, Hayashi, Angela, Santoro, Valentina, Longo, Marzia, Salgarello	No

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<a href="#">Long-term renal prognosis and risk for hypertension after myeloablative therapies in survivors of childhood high-risk neuroblastoma: A nationwide study</a>	Pediatric Blood & Cancer	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/pbc.28209">https://onlinelibrary.wiley.com/doi/abs/10.1002/pbc.28209</a>	2020	Anu, Suominen, Timo, Jahnukainen, Tiina H., Ojala, Taisto, Sarkola, Maila, Turanlahti, Ulla M., Saarinen-Pihkala, Kirsi, Jahnukainen	No
<a href="#">Discovering a new anatomy: exploration of oral mucosa with ultra-high frequency ultrasound</a>	Dentomaxillofacial Radiology	<a href="https://www.birpublications.org/doi/10.1259/dmfr.20190318">https://www.birpublications.org/doi/10.1259/dmfr.20190318</a>	2020	Rossana, Izzetti, Saverio, Vitali, Giacomo, Aringhieri, Teresa, Oranges, Valentina, Dini, Marco, Nisi, Filippo, Graziani, Mario, Gabriele, Davide, Caramella	No
<a href="#">Diagnostic performance and utility of very-high-resolution ultrasonography in diagnosing giant cell arteritis of the temporal artery</a>	Rheumatology Advances in Practice	<a href="https://academic.oup.com/rheumap/article/doi/10.1093/rap/rkz018/5528503">https://academic.oup.com/rheumap/article/doi/10.1093/rap/rkz018/5528503</a>	2019	Johnny K M, Sundholm, Tom, Pettersson, Anders, Paetau, Anders, Albäck, Taisto, Sarkola	No
<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>	Atherosclerosis	<a href="https://doi.org/10.1016/j.atherosclerosis.2019.01.037">https://doi.org/10.1016/j.atherosclerosis.2019.01.037</a>	2019	Johnny K.M., Sundholm, Linda, Litwin, Kristiina, Rönö, Salla B., Koivusalo, Johan G., Eriksson, Taisto, Sarkola	No
<a href="#">Skin thickness measurements for optimal intradermal injections in children</a>	Vaccine	<a href="https://doi.org/10.1016/j.vaccine.2019.11.002">https://doi.org/10.1016/j.vaccine.2019.11.002</a>	2020	T.J.S., Van Mulder, D., Van Nuffel, M., Demolder, G., De Meyer, S., Moens, K.C.L., Beyers, V.V.J., Vankerckhoven, P., Van Damme, H., Theeten	No
<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>	Atherosclerosis	<a href="http://dx.doi.org/10.1016/j.atherosclerosis.2012.06.054">http://dx.doi.org/10.1016/j.atherosclerosis.2012.06.054</a>	2012	Taisto, Sarkola, Cameron, Slorach, Wei, Hui, Timothy J., Bradley, Andrew N., Redington, Edgar, Jaeggi	No
<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>	Atherosclerosis	<a href="http://dx.doi.org/10.1016/j.atherosclerosis.2015.02.016">http://dx.doi.org/10.1016/j.atherosclerosis.2015.02.016</a>	2015	Johnny K.M., Sundholm, Rasmus F.W., Olander, Tiina H., Ojala, Sture, Andersson, Taisto, Sarkola	No
<a href="#">Ultra-high-frequency Ultrasound to Assess Nerve Fascicles in Median Nerve Traumatic Neuroma</a>	Cureus	<a href="https://www.cureus.com/articles/19714-ultra-high-frequency-ultrasound-to-assess...">https://www.cureus.com/articles/19714-ultra-high-frequency-ultrasound-to-assess...</a>	2019	Antonio Jorge, Forte, Daniel, Boczar, Jeremie D, Oliver, Andrea, Sisti, Steven R, Clendenen	No
<a href="#">Ultrahigh Frequency Ultrasound Imaging of the Hand: A New Diagnostic Tool for Hand Surgery</a>	HAND	<a href="http://journals.sagepub.com/doi/10.1177/1558944717731856">http://journals.sagepub.com/doi/10.1177/1558944717731856</a>	2018	Stephen L., Viviano, Laurel K., Chandler, Jonathan D., Keith	No
<a href="#">Advanced ultrasound techniques for pediatric imaging</a>	Pediatrics		2019	Misun, Hwang, Maclej, Piskunowicz, Kassa, Darge	No

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<a href="#">Very-High-Resolution Sonography Of Median Nerve : A Comparative Study Vs High-Resolution Sonography In Healthy Subjects</a>	European Society of Radiology	<a href="https://posterng.netkey.at/esr/viewing/index.php?module=viewing_poster&amp;task=&amp;pi...">https://posterng.netkey.at/esr/viewing/index.php?module=viewing_poster&amp;task=&amp;pi...</a>	2018	Scientific, Exhibit, S, Vitali, P, Rossi, G, Aringhieri, T, Bocci, D, Barloscio, M, Santin, F, Sartucci, D, Caramella	No
<a href="#">Comparison of high-frequency and ultrahigh-frequency probes in chronic inflammatory demyelinating polyneuropathy</a>	Journal of Neurology	<a href="https://doi.org/10.1007/s00415-019-09392-z">https://doi.org/10.1007/s00415-019-09392-z</a>	2019	Angela, Puma, N., Azulay, N., Grecu, C., Suply, E., Panicucci, C., Cambieri, L., Villa, C., Raffaelli, S., Sacconi	No
<a href="#">Feasibility of a combination of intraoral UHFUS and CBCT in the study of peri-implantitis</a>	Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology	<a href="https://doi.org/10.1016/j.oooo.2018.08.014">https://doi.org/10.1016/j.oooo.2018.08.014</a>	2019	Rossana, Izzetti, Saverio, Vitali, Mario, Gabriele, Davide, Caramella	No
<a href="#">The efficacy of Ultra-High Frequency Ultrasonography in the diagnosis of intraoral lesions</a>	Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology	<a href="https://linkinghub.elsevier.com/retrieve/pii/S2212440319314981">https://linkinghub.elsevier.com/retrieve/pii/S2212440319314981</a>	2019	Rossana, Izzetti, Saverio, Vitali, Giacomo, Aringhieri, Davide, Caramella, Marco, Nisi, Teresa, Oranges, Valentina, Dini, Filippo, Graziani, Mario, Gabriele	No
<a href="#">Intraoral Ultra-High Frequency Ultrasound study of oral lichen planus: A pictorial review</a>	Skin Research and Technology	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/srt.12777">https://onlinelibrary.wiley.com/doi/abs/10.1111/srt.12777</a>	2019	Rossana, Izzetti, Saverio, Vitali, Teresa, Oranges, Valentina, Dini, Marco, Romanelli, Davide, Caramella, Mario, Gabriele	No
<a href="#">Advanced evaluation of hidradenitis suppurativa with ultra-high frequency ultrasound: A promising tool for the diagnosis and monitoring of disease progression</a>	Skin Research and Technology	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/srt.12823">https://onlinelibrary.wiley.com/doi/abs/10.1111/srt.12823</a>	2019	Teresa, Oranges, Saverio, Vitali, Bianca, Benincasa, Rossana, Izzetti, Riccardo, Lencioni, Davide, Caramella, Marco, Romanelli, Valentina, Dini	No
<a href="#">Radial artery remodeling following transradial percutaneous coronary intervention in men and women: insights from serial ultrahigh frequency ultrasonography</a>	Cardiovascular Revascularization Medicine	<a href="https://doi.org/10.1016/j.carrev.2019.05.006">https://doi.org/10.1016/j.carrev.2019.05.006</a>	2019	Wayne, Batchelor, Vishal, Dahya, Behnam, Tehrani, Abdulla, Damluji, Matthew, Sherwood, Scott, Barnett, Kelly, Epps, Alexander, Truesdell, Nadim, Geloo, John, Katopodis, William, Dixon, Shahram, Yazdani, Thomas, Noel	No
<a href="#">Intraoperative evaluation of cervical nerve root avulsion using ultra-high-frequency ultrasound system</a>	Case Reports in Plastic Surgery and Hand Surgery	<a href="https://www.tandfonline.com/doi/full/10.1080/23320885.2019.1583569">https://www.tandfonline.com/doi/full/10.1080/23320885.2019.1583569</a>	2019	Daniel, Boczar, Antonio J., Forte, Jeremie D., Oliver, Robert L., McClain, Peter, Murray, Steven R., Clendenen	No
<a href="#">Ultra High-frequency Ultrasonographic Imaging with 70 MHz Scanner for Visualization of the Lymphatic Vessels</a>	Plastic and Reconstructive Surgery - Global Open	<a href="http://insights.ovid.com/crossref?an=01720096-201901000-00026">http://insights.ovid.com/crossref?an=01720096-201901000-00026</a>	2019	Akitatsu, Hayashi, Guido, Giacalone, Takumi, Yamamoto, Florence, Belva, Giuseppe, Visconti, Nobuko, Hayashi, Mayumi, Handa, Hidehiko, Yoshimatsu, Marzia, Salgarello	No
<a href="#">Mechanical Deformation of Human Optic Nerve Head and Peripapillary Tissue in Response to Acute IOP Elevation</a>	Investigative Ophthalmology & Visual Science	<a href="http://iovs.arvojournals.org/article.aspx?doi=10.1167/iovs.18.26071">http://iovs.arvojournals.org/article.aspx?doi=10.1167/iovs.18.26071</a>	2019	Yanhui, Ma, Elias, Pavlatos, Keyton, Clayton, Xueliang, Pan, Sunny, Kwok, Thomas, Sandwisch, Jun, Liu	No

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<a href="#">The 'ALSPAC in London' dataset: adiposity, cardiometabolic risk profiles, and the emerging arterial phenotype in young adulthood</a>	Wellcome Open Research	<a href="https://wellcomeopenresearch.org/articles/3-162/v1">https://wellcomeopenresearch.org/articles/3-162/v1</a>	2018	Scott T., Chiesa, Alicja, Rapala, Marietta, Charakida, Kaitlin H., Wade, Nicholas J., Timpson, John E., Deanfield	No
<a href="#">Preliminary experience of the use of high-resolution skin ultrasound for the evaluation of extrathyroideal manifestations of Graves' disease and response to UVA-1 phototherapy</a>	Photodermatology, Photoimmunology & Photomedicine	<a href="http://doi.wiley.com/10.1111/phpp.12442">http://doi.wiley.com/10.1111/phpp.12442</a>	2018	Linda, Tognetti, Elisa, Cinotti, Jean-Luc, Perrot, Giovanni, Neri, Elisa, Pianigiani, Michele, Fimiani, Pietro, Rubegni	No
<a href="#">Motor cortex neurovascular coupling: inputs from ultra-high-frequency ultrasound imaging in humans</a>	Journal of Neurosurgery	<a href="https://thejns.org/view/journals/j-neurosurg/aop/article-10.3171-2018.5.JNS1875...">https://thejns.org/view/journals/j-neurosurg/aop/article-10.3171-2018.5.JNS1875...</a>	2018	Fabien, Almairac, Denys, Fontaine, Thomas, Demarcy, Hervé, Delingette, Stéphanie, Beuil, Charles, Raffaelli	No
<a href="#">Ultrasound Characteristics of the Hair Follicles and Tracts, Sebaceous Glands, Montgomery Glands, Apocrine Glands, and Arrector Pili Muscles</a>	Journal of Ultrasound in Medicine	<a href="http://doi.wiley.com/10.1002/jum.14888">http://doi.wiley.com/10.1002/jum.14888</a>	2018	Ximena, Wortsman, Laura, Carreño, Camila, Ferreira-Wortsman, Rafael, Poniachik, Kharia, Pizarro, Claudia, Morales, Perla, Calderon, Ariel, Castro	No
<a href="#">In vivo estimation of the Young's modulus in normal human dermis</a>	2018 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)	<a href="https://ieeexplore.ieee.org/document/8512935/">https://ieeexplore.ieee.org/document/8512935/</a>	2018	Ana Cecilia, Saavedra, Junior, Arroyo, Fernando, Zvietcovich, Roberto J., Lavarello, Benjamin, Castaneda	No
<a href="#">High-Frequency Micro-Ultrasound Imaging and Optical Topographic Imaging for Spinal Surgery: Initial Experiences</a>	Ultrasound in Medicine and Biology	<a href="https://doi.org/10.1016/j.ultrasmedbio.2018.05.003">https://doi.org/10.1016/j.ultrasmedbio.2018.05.003</a>	2018	Raphael, Jakubovic, Joel, Ramjist, Shaurya, Gupta, Daipayan, Guha, Arjun, Sahgal, F. Stuart, Foster, Victor X.D., Yang	No
<a href="#">Ultra-high frequency ultrasound in planning capillary perforator flaps: Preliminary experience☆</a>	Journal of Plastic, Reconstructive & Aesthetic Surgery	<a href="https://linkinghub.elsevier.com/retrieve/pii/S1748681518302006">https://linkinghub.elsevier.com/retrieve/pii/S1748681518302006</a>	2018	Giuseppe, Visconti, Akitatsu, Hayashi, Hidehiko, Yoshimatsu, Alessandro, Bianchi, Marzia, Salgarello	No
<a href="#">Intimal and medial arterial changes defined by ultra-high-frequency ultrasound: Response to changing risk factors in children with chronic kidney disease</a>	PLOS ONE	<a href="http://dx.plos.org/10.1371/journal.pone.0198547">http://dx.plos.org/10.1371/journal.pone.0198547</a>	2018	Frida, Dangardt, Marietta, Charakida, Scott, Chiesa, Devina, Bhowruth, Alicja, Rapala, Daniela, Thurn, Franz, Schaefer, John, Deanfield, Rukshana, Shroff	No
<a href="#">Intraoperative imaging of lymphatic vessel using ultra high-frequency ultrasound</a>	Journal of Plastic, Reconstructive and Aesthetic Surgery		2018	Akitatsu, Hayashi, Giuseppe, Visconti, Takumi, Yamamoto, Guido, Giacalone, Nobuko, Hayashi, Mayumi, Handa, Hidehiko, Yoshimatsu, Marzia, Salgarello	No
<a href="#">New findings in non-invasive imaging of cutaneous endometriosis: Dermoscopy, high-frequency ultrasound and reflectance confocal microscopy</a>	Skin Research and Technology		2018	L., Tognetti, E., Cinotti, G., Tonini, C., Habougit, F., Cambazard, P., Rubegni, J. L., Perrot	No

Title	Journal	Link	Publication date	References	Top Paper
<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>	American Heart Journal	<a href="https://doi.org/10.1016/j.ahj.2017.11.017">https://doi.org/10.1016/j.ahj.2017.11.017</a>	2018	Wayne, Batchelor, Vishal, Dahya, Dan, McGee, John, Katopodis, William, Dixon, James, Campbell, Ashley, Meredith, Patty, Knap, Mathew, Parkin, Thomas, Noel	No
<a href="#">Comparison of very-high-frequency ultrasound assessment of radial arterial wall layers after first and repeated transradial coronary procedures</a>	Journal of Geriatric Cardiology		2017	Bei Bei, Zhang, Yu Jie, Zhou, Jie, Du, Shi Wei, Yang, Zhi Jiang, Wang, Hua, Shen, Zhi Ming, Zhou	No
<a href="#">Computer-Aided Evaluation of Blood Vessel Geometry From Acoustic Images</a>	Journal of Ultrasound in Medicine		2017	Stefan B, Lindstr, Fredrik, Uhlin, Niclas, Bjarnegård, Micael, Gylling	No
<a href="#">Quantification of granuloma volume and response to treatment in cutaneous sarcoidosis using 3-dimensional high-frequency ultrasound scan</a>	JAAD Case Reports	<a href="https://doi.org/10.1016/j.jidcr.2017.09.008">https://doi.org/10.1016/j.jidcr.2017.09.008</a>	2017	Olaf, Rodriguez, Megan H, Noe, Chandra, Sehgal, Susan, Schultz, Misha, Rosenbach	No
<a href="#">Ultrahigh Frequency Ultrasound Imaging of the Hand : A New Diagnostic Tool for Hand Surgery</a>	Hand		2017	Stephen L, Viviano, Laurel K, Chandler, Jonathan D, Keith	No
<a href="#">Clinical and biological markers of premature aging after autologous SCT in childhood cancer</a>	Bone Marrow Transplantation	<a href="http://www.nature.com/doi/10.1038/bmt.2016.334">http://www.nature.com/doi/10.1038/bmt.2016.334</a>	2017	A, Vatanen, M, Hou, T, Huang, O, Söder, T, Jahnukainen, M, Kurimo, T H, Ojala, T, Sarkola, M, Turanlahti, U M, Saarinen-Pihkala, K, Jahnukainen	No
<a href="#">Development of an injectable pseudo-bone thermo-gel for application in small bone fractures</a>	International Journal of Pharmaceutics	<a href="http://linkinghub.elsevier.com/retrieve/pii/S0378517317300480">http://linkinghub.elsevier.com/retrieve/pii/S0378517317300480</a>	2017	Pariksha J., Kondiah, Yahya E., Choonara, Pierre P.D., Kondiah, Pradeep, Kumar, Thashree, Marimuthu, Lisa C., du Toit, Viness, Pillay	No
<a href="#">Ultra High-frequency Ultrasound of Fascicles in the Median Nerve at the Wrist</a>	Muscle & Nerve	<a href="http://doi.wiley.com/10.1002/mus.25617">http://doi.wiley.com/10.1002/mus.25617</a>	2017	Michael S., Cartwright, Vanessa, Baute, James B., Caress, Francis O., Walker	No
<a href="#">Neonatal Arterial Morphology Is Related to Body Size in Abnormal Human Fetal GrowthCLINICAL PERSPECTIVE</a>	Circulation: Cardiovascular Imaging	<a href="http://www.ncbi.nlm.nih.gov/pubmed/27601367">http://www.ncbi.nlm.nih.gov/pubmed/27601367</a>	2016	Rasmus F.W., Olander, Johnny K.M., Sundholm, Tiina H, Ojala, Sture, Andersson, Taisto, Sarkola	No
<a href="#">The potential influence of diabetic history on peripheral blood flow in superficial skin</a>	Microvascular Research		2013	Gladys Lai Ying, Cheing, Jiahui, Sun, Rachel Lai Chu, Kwan, Yongping, Zheng	No
<a href="#">Epidermal Thickness and Biomechanical Properties of Plantar Tissues in Diabetic Foot</a>	Ultrasound in Medicine and Biology		2011	Clare Y L, Chao, Yong Ping, Zheng, Gladys L Y, Cheing	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Assessment of early radial injury after transradial coronary intervention by high-resolution ultrasound biomicroscopy: Innovative technology application</a>	Chinese Medical Journal		2012	Hua, Shen, Yu jie, Zhou, Yu yang, Liu, Jie, Du, Xiao li, Liu, Zhen xian, Yan, Zhi jian, Wang, Fei, Gao, Shi wei, Yang, De an, Jia, Hong ya, Han, Miao, Yu, Qian, Ma, Xiao han, Xu	No
<a href="#">Ultra high-frequency ultrasound: New capabilities for nail anatomy exploration</a>	The Journal of Dermatology	<a href="http://doi.wiley.com/10.1111/1346-8138.13495">http://doi.wiley.com/10.1111/1346-8138.13495</a>	2016	Daniela, Berritto, Francesca, Iacobellis, Claudia, Rossi, Alfonso, Reginelli, Salvatore, Cappabianca, Roberto, Grassi	No
<a href="#">Photoacoustic imaging of real-time oxygen changes in chronic leg ulcers after topical application of a haemoglobin spray: a pilot study</a>	Journal of Wound Care	<a href="http://www.magonlinelibrary.com/doi/10.12968/jowc.2016.25.2.87">http://www.magonlinelibrary.com/doi/10.12968/jowc.2016.25.2.87</a>	2016	M, Petri, I, Stoffels, J, Jose, J, Leyh, A, Schulz, J, Dissemmond, D, Schadendorf, J, Klode	No
<a href="#">Radiotherapy-related arterial intima thickening and plaque formation in childhood cancer survivors detected with very-high resolution ultrasound during young adulthood</a>	Pediatric Blood & Cancer	<a href="http://doi.wiley.com/10.1002/pbc.25616">http://doi.wiley.com/10.1002/pbc.25616</a>	2015	Anu, Vatanen, Taisto, Sarkola, Tiina H., Ojala, Maila, Turanlahti, Timo, Jahnukainen, Ulla M., Saarinen-Pihkala, Kirsi, Jahnukainen	No
<a href="#">Graft vasculopathy in clinical hand transplantation</a>	American Journal of Transplantation		2012	Christina L., Kaufman, R., Ouseph, B., Blair, J. E., Kutz, T. M., Tsai, L. R., Scheker, H. Y., Tien, R., Moreno, T., Ozyurekdoglu, R., Banegas, E., Murphy, C. B., Burns, R., Zaring, D. F., Cook, M. R., Marvin	No
<a href="#">Radial artery intima-media thickness predicts major cardiovascular events in patients with suspected coronary artery disease</a>	European Heart Journal Cardiovascular Imaging		2014	Charlotte, Eklund, Elmir, Omerovic, Inger, Haraldsson, Peter, Friberg, Li Ming, Gan	No
<a href="#">Increased Rate of Arterial Stiffening with Obesity in Adolescents: A Five-Year Follow-Up Study</a>	PLoS ONE	<a href="http://dx.plos.org/10.1371/journal.pone.0057454">http://dx.plos.org/10.1371/journal.pone.0057454</a>	2013	Frida, Dangardt, Yun, Chen, Krister, Berggren, Walter, Osika, Peter, Friberg	No
<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>	The World Journal of Biological Psychiatry	<a href="http://informahealthcare.com/doi/abs/10.3109/15622970902789122">http://informahealthcare.com/doi/abs/10.3109/15622970902789122</a>	2010	Hannes, Bohman, Ulf, Jonsson, Anne-Liis Von, Knorrning, Lars Von, Knorrning, Gunilla, Olsson, Aivar, Päären, Marita, Larsson, Tord, Naessen	No
<a href="#">Obese children show increased intimal wall thickness and decreased pulse wave velocity</a>	Clinical Physiology and Functional Imaging		2008	Frida, Dangardt, Walter, Osika, Reinhard, Volkmann, Li Ming, Gan, Peter, Friberg	No

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<a href="#">The Rotterdam Radial Access Research</a>	Circulation: Cardiovascular Interventions	<a href="http://circinterventions.ahajournals.org/lookup/doi/10.1161/CIRCINTERVENTIONS.1...">http://circinterventions.ahajournals.org/lookup/doi/10.1161/CIRCINTERVENTIONS.1...</a>	2016	Francesco, Costa, Maarten a.H., van Leeuwen, Joost, Daemen, Roberto, Diletti, Floris, Kauer, Robert-Jan, van Geuns, Jurgen, Ligthart, Karen, Witberg, Felix, Zijlstra, Marco, Valgimigli, Nicolas M., Van Mieghem	No
<a href="#">High-resolution ultrasonography of the cutaneous nerve branches in the hand and wrist</a>	Journal of Hand Surgery (European Volume)	<a href="http://www.ncbi.nlm.nih.gov/pubmed/19786413">http://www.ncbi.nlm.nih.gov/pubmed/19786413</a>	2009	A., STOKVIS, J. W., VAN NECK, C. F., VAN DIJKE, A., VAN WAMEL, J. H., COERT	No
<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>	Heart and Vessels	<a href="http://link.springer.com/10.1007/s00380-011-0217-2">http://link.springer.com/10.1007/s00380-011-0217-2</a>	2013	Taisto, Sarkola, Edgar, Jaeggi, Cameron, Slorach, Wei, Hui, Timothy, Bradley, Andrew N., Redington	No
<a href="#">Increased intima thickness of the radial artery in individuals with prehypertension and hypertension</a>	Atherosclerosis		2010	Anna, Myredal, Li Ming, Gan, Walter, Osika, Peter, Friberg, Mats, Johansson	No
<a href="#">Increasing peripheral artery intima thickness from childhood to seniority</a>	Arteriosclerosis, Thrombosis, and Vascular Biology		2007	Walter, Osika, Frida, Dangardt, Julia, Grönros, Ulf, Lundstam, Anna, Myredal, Mats, Johansson, Reinhard, Volkmann, Tomas, Gustavsson, Li Ming, Gan, Peter, Friberg	No
<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>	Heart	<a href="http://heart.bmj.com/cgi/doi/10.1136/hrt.2011.226241">http://heart.bmj.com/cgi/doi/10.1136/hrt.2011.226241</a>	2011	Taisto, Sarkola, Andrew N, Redington, Cameron, Slorach, Wei, Hui, Timothy, Bradley, Edgar, Jaeggi	No
<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>	Atherosclerosis	<a href="http://dx.doi.org/10.1016/j.atherosclerosis.2011.08.036">http://dx.doi.org/10.1016/j.atherosclerosis.2011.08.036</a>	2011	Taisto, Sarkola, Arvin A, Abadilla, Nita, Chahal, Edgar, Jaeggi, Brian W., McCrindle	No
<a href="#">Transcutaneous very-high-resolution ultrasound to quantify arterial wall layers of muscular and elastic arteries: Validation of a method</a>	Atherosclerosis	<a href="http://dx.doi.org/10.1016/j.atherosclerosis.2010.06.043">http://dx.doi.org/10.1016/j.atherosclerosis.2010.06.043</a>	2010	Taisto, Sarkola, Andrew, Redington, Fred, Keeley, Timothy, Bradley, Edgar, Jaeggi	No
<a href="#">High-Frequency Ultrasound for Evaluation of Intimal Thickness</a>	Journal of the American Society of Echocardiography	<a href="http://dx.doi.org/10.1016/j.echo.2009.06.021">http://dx.doi.org/10.1016/j.echo.2009.06.021</a>	2009	Emile R Mohler, Iii, Alexandra A, Sibley, Susan M, Schultz, Lifeng, Zhang, Chandra M, Sehgal	No
<a href="#">High-resolution ultrasound showing increased intima and media thickness of the radial artery in patients with end-stage renal disease</a>	Atherosclerosis	<a href="http://dx.doi.org/10.1016/j.atherosclerosis.2010.01.031">http://dx.doi.org/10.1016/j.atherosclerosis.2010.01.031</a>	2010	Mats, Johansson, Anna, Myredal, Peter, Friberg, Li Ming, Gan	No

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<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>	Atherosclerosis	<a href="http://dx.doi.org/10.1016/j.atherosclerosis.2011.12.035">http://dx.doi.org/10.1016/j.atherosclerosis.2011.12.035</a>	2012	Charlotte, Eklund, Peter, Friberg, Li-ming, Gan	No
<a href="#">Arteriovenous Fistulas for Hemodialysis: Application of High-Frequency US to Assess Vein Wall Morphology for Cannulation Readiness</a>	Radiology	<a href="http://pubs.rsna.org/doi/abs/10.1148/radiol.11102439">http://pubs.rsna.org/doi/abs/10.1148/radiol.11102439</a>	2011	Arash, Jaber, Derek, Muradali, Rosa M, Marticorena, Niki, Dacouris, Adrien, Boutin, Anna M, Mulligan, Peter D, Ballyk, Vikramaditya, Prabhudesai, Vern M, Campbell, Sandra M, Donnelly	No
<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>	Paediatric anaesthesia	<a href="http://www.ncbi.nlm.nih.gov/pubmed/23445349">http://www.ncbi.nlm.nih.gov/pubmed/23445349</a>	2013	Gregory J, Latham, Melissa L, Veneracion, Denise C, Joffe, Adrian T, Bosenberg, Sean H, Flack, Daniel K, Low	No