

| 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, Almuhanha, 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, Iustina, 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="#">Vascular structure and stiffness in pediatric Mulibrey nanism using ultra-high frequency ultrasound</a>                                                                                            | Veins and Lymphatics                         |                                                                                                                                                                                     | 2023             | Taisto, Sarkola, Marita, Lipsanen-Nyman, Hannu, Jalanko, Eero, Jokinen                                                                                                                                                                                                                                          | No        |

| Title                                                                                                                                                                                                 | Journal                                                  | Link                                                                                                                                        | Publication date | References                                                                                                                                                                                                                 | Top Paper |
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| <a href="#">Visualization of the Facial Nerve with Ultra-high-Frequency Ultrasound</a>                                                                                                                | Plastic and Reconstructive Surgery - Global Open         |                                                                                                                                             | 2023             | Jeroen, Poelaert, Renaat, Coopman, Matthias, Ureel, Nicolas, Dhooghe, Eva, Genbrugge, Tana, Mwewa, Phillip, Blondeel, Hubert, Vermeersch                                                                                   | No        |
| <a href="#">Tube-in-Tube Phalloplasty with Tailor-made Bilateral Superficial Circumflex Iliac Artery Perforator Flaps Using Preoperative High-resolution Ultrasound</a>                               | Plastic and Reconstructive Surgery - Global Open         |                                                                                                                                             | 2023             | Hidehiko, Yoshimatsu, Ryo, Karakawa, Yuma, Fuse, Tomoyuki, Yano                                                                                                                                                            | No        |
| <a href="#">Ultra-High Frequency Ultrasound Imaging of Bowel Wall in Hirschsprung's Disease—Correlation and Agreement Analyses of Histoanatomy</a>                                                    | Diagnostics                                              |                                                                                                                                             | 2023             | Tebin, Hawez, Christina, Graneli, Tobias, Erlöv, Emilia, Gottberg, Rodrigo, Munoz Mitev, Kristine, Hagelsteen, Maria, Evertsson, Tomas, Jansson, Magnus, Cinthio, Pernilla, Stenström                                      | No        |
| <a href="#">Treatment of hepatocellular carcinoma by multimodal in situ vaccination using cryoablation and a plant virus immunostimulant</a>                                                          | Journal of Vascular and Interventional Radiology         | <a href="https://linkinghub.elsevier.com/retrieve/pii/S1051044323002282">https://linkinghub.elsevier.com/retrieve/pii/S1051044323002282</a> | 2023             | Mansur A., Ghani, Amandip, Bangar, Yunpeng, Yang, Eunkyong, Jung, Consuelo, Saucedo, Tyler, Mandt, Sourabh, Shukla, Nicholas J.G., Webster, Nicole F., Steinmetz, Isabel G., Newton                                        | No        |
| <a href="#">Deep Fat Saving Elevation of the Superficial Circumflex Iliac Artery Perforator Flap</a>                                                                                                  | Medicina (Lithuania)                                     |                                                                                                                                             | 2022             | Yuma, Fuse, Hidehiko, Yoshimatsu, Ryo, Karakawa, Tomoyuki, Yano                                                                                                                                                            | No        |
| <a href="#">Lymphaticovenular Anastomosis for Advanced-Stage Peripheral Lymphedema: Expanding Indication and Introducing the Hand/Foot Sign</a>                                                       | Journal of Plastic, Reconstructive and Aesthetic Surgery |                                                                                                                                             | 2022             | Giuseppe, Visconti, Akitatsu, Hayashi, Alessandro, Bianchi, Girolamo, Tartaglione, Roberto, Bartoletti, Marzia, Salgarello                                                                                                 | No        |
| <a href="#">Arterial health during early childhood following abnormal fetal growth</a>                                                                                                                | BMC Pediatrics                                           | <a href="https://doi.org/10.1186/s12887-021-02951-2">https://doi.org/10.1186/s12887-021-02951-2</a>                                         | 2022             | Rasmus F.W., Olander, Johnny K.M., Sundholm, Sanna, Suonsyrjä, Taisto, Sarkola                                                                                                                                             | No        |
| <a href="#">Validation and Feasibility of an Automated System for the Assessment of Vascular Structure and Mechanical Properties in the Digital Arteries: An Ultrahigh-Frequency Ultrasound Study</a> | Ultrasound in Medicine and Biology                       |                                                                                                                                             | 2022             | Federica, Poli, Catherine, Fortier, Hakim, Khettab, Francesco, Faita, Saverio, Vitali, Giacomo, Aringhieri, Lorenzo, Ghiadoni, Stefano, Taddei, Laurence, Amar, Aurelien, Lorthioir, Pierre, Boutouyrie, Rosa Maria, Bruno | No        |
| <a href="#">Assessing mechanical vibration-altered wall shear stress in digital arteries</a>                                                                                                          | Journal of Biomechanics                                  |                                                                                                                                             | 2022             | Christophe, Noël, Nicla, Settembre                                                                                                                                                                                         | No        |
| <a href="#">UVA-1 phototherapy as adjuvant treatment for eosinophilic fasciitis: in vitro and in vivo functional characterization</a>                                                                 | International Journal of Dermatology                     |                                                                                                                                             | 2022             | Linda, Tognetti, Camilla, Marrocco, Andrea, Carraro, Edoardo, Conticini, Cyril, Habouguit, Giancarlo, Mariotti, Elisa, Cinotti, Jean Luc, Perrot, Pietro, Rubegni                                                          | No        |

| Title                                                                                                                                                    | Journal                                                                 | Link                                                                                                        | Publication date | References                                                                                                                                                                                                                                                                                                                                                                                                                          | Top Paper |
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| <a href="#">Use of Ultra-high-frequency Ultrasound for Aplasia Cutis Congenita of the Scalp</a>                                                          | Plastic and Reconstructive Surgery - Global Open                        |                                                                                                             | 2021             | Ryo, Karakawa, Tomoyuki, Yano, Hidehiko, Yoshimatsu, Mayu, Koto, Atsushi, Nakao, Shunsuke, Ichi                                                                                                                                                                                                                                                                                                                                     | No        |
| <a href="#">Ultrasound Evaluation of Peripheral Nerve Trauma</a>                                                                                         | Current Physical Medicine and Rehabilitation Reports                    |                                                                                                             | 2022             | Jeffrey A., Strakowski                                                                                                                                                                                                                                                                                                                                                                                                              | No        |
| <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        |
| <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, Meinilä, 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, Naresh, Murty, Brian, Drake, Paul, Muller, James, Perry, Victor X.D., Yang | No        |

| Title                                                                                                                                                                                 | Journal                               | Link                                                                                                                                                                                | Publication date | References                                                                                                                                                                | Top Paper |
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| <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        |
| <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, Fonze, 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, Elżbieta, 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        |

| Title                                                                                                                                                                                                                             | Journal                                     | Link                                                                                                                              | Publication date | References                                                                                                                                                                                      | Top Paper |
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| <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        |
| <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, Fonzei, 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="#">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        |

| Title                                                                                                                                                                                                                                   | Journal                                                  | Link                                                                                                                                                          | Publication date | References                                                                                                                                                   | Top Paper |
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| <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, Haboug, Elisa, Cinotti, Pietro, Rubegni, Jean Luc, Perrot                                                              | 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        |
| <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, Alback, 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, Kristina, 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        |

| Title                                                                                                                                                                          | Journal                                                        | Link                                                                                                                                                                                                  | Publication date | References                                                                                                                                                                                                              | Top Paper |
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| <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="#">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://poster.ng.netkey.at/esr/viewing/index.php?module=viewing_poster&amp;task=&amp;pi...">https://poster.ng.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="#">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, Maciej, Piskunowicz, Kassa, Darge                                                                                                                                                                         | 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        |

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| <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, Clayson, Xueliang, Pan, Sunny, Kwok, Thomas, Sandwisch, Jun, Liu                                                                | No        |
| <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 extrathyroidal 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, Kharla, 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        |



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| <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., Haboug, F., Cambazard, P., Rubegni, J. L., Perrot                                                               | No        |
| <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.jdcrr.2017.09.008">https://doi.org/10.1016/j.jdcrr.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        |

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| <a href="#">Neonatal Arterial Morphology Is Related to Body Size in Abnormal Human Fetal Growth</a> CLINICAL PERSPECTIVE                                                                | 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="#">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        |
| <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="#">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="#">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, Dissemond, 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., Ozyurekoglul, 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        |

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| <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        |
| <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="#">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        |

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| <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="#">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, Myrødal, Peter, Friberg, Li Ming, Gan                                                                                                                          | No        |
| <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, Martcorena, 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        |