

Title	#	Departments/University	Authors	Published	Year
Skin physiology and safety of microfocused ultrasound with visualization for improving skin laxity	E19-01	Division of Cosmetic Sciences, University of Hamburg, Hamburg, Germany, Merz Pharmaceuticals, Frankfurt, Germany	Martina Kerscher, Arti Tania Nurrisyanti, Christine Eiben-Nielson, Susanne Hartmann, Judith Lambert-Baumann	Dovepress Clinical, Cosmetic and Investigational Dermatology	2019
Cytokine and Chemokine Recovery Is Increased by Colloid Perfusates during Dermal Microdialysis	E18-13	Department of Dermatology and Venereology, Otto-von-Guericke University, D-39120 Magdeburg, Germany; Dermatology Centre MDZ Mainz, D-55128 Mainz, Germany, Department of Clinical Pharmacy, Institute of Pharmacy, Martin-Luther-Universitaet Halle-Wittenberg, D-06120 Halle, Germany; Department of Clinical Pharmacy and Biochemistry, Institute of Pharmacy, Freie Universitaet Berlin, D-14195 Berlin, Germany	Sven R. Quist, Claudia Kirbs, Charlotte Kloft and Harald P. Gollnick	Materials (journal) 11 (2018), 5, artical no. 682	2018
Verification of new method for automatic thickness measurement of melanocytic skin tumours by high frequency ultrasound	E18-12	Department of Skin and Venereal Diseases of the Lithuanian University of Health Sciences, Kaunas, Lithuania, Ultrasound Institute of Kaunas University of Technology, Kaunas, Lithuania, Department of Pathological Anatomy of the Lithuanian University of Health Sciences, Kaunas, Lithuania, Kaunas University of Technology, Kaunas, Lithuania, Department of Plastic and Reconstructive Surgery of the Lithuanian University of Health Sciences, Kaunas, Lithuania	Gintare Linkeviciute, Renaldas Raisutis, Kristina Sakalauskiene, Jurgita Makstiene, Jonas Guzaitis, Loreta Pilipaityte, Skaidra Valiukeviciene	Journal of Vibroengineering, Vol. 20, Issue 1, 2018	2018
Application of automatic statistical postprocessing method for analysis of ultrasonic and digital dermatoscopy images	E18-11	Prof. K. Baršauskas Ultrasound Research Institute, Kaunas University of Technology, Kaunas, Lithuania; Department of Applied Mathematics, Faculty of Mathematics and Natural Sciences, Kaunas University of Technology, Kaunas, Lithuania; Department of Electrical Power systems, Faculty of Electrical and Electronics Engineering, Kaunas University of Technology, Kaunas, Lithuania; Department of Skin and Venereal Diseases, Lithuanian University of Health Sciences, Kaunas, Lithuania	Indre Drulyte, Tomas Ruzgas, Renaldas Raisutis, Skaidra Valiukeviciene & Gintare Linkeviciute	LIBYAN JOURNAL OF MEDICINE 2018, VOL. 13	2018
Clinical and Biophysical Outcomes of Combining Microfocused Ultrasound with Visualization and Calcium Hydroxylapatite Filler for Facial Treatment	E18-10	Division of Cosmetic Sciences, University of Hamburg, Hamburg, Germany, Merz Pharmaceuticals, Frankfurt, Germany	Martina Kerscher, Arti Tania Nurrisyanti, Christine Eiben-Nielson, Susanne Hartmann, Judith Lambert-Baumann	Dermatology and Therapy (Heidelb)	2018

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Combination of Fractional Radiofrequency and Thermo-Contraction Systems for Facial Skin Rejuvenation: A Clinical and Histological Study	E18-09	The Center for Research & Training in Skin Diseases & Leprosy, Tehran University of Medical Sciences, Tehran, Iran. Department of Biostatistics, School of Public Health, Iran University of Medical Sciences, Tehran, Iran. Department of Dermatopatology, Razi Hospital, Tehran University of Medical Sciences, Tehran, Iran. Medical device company, Tehran, Iran.	Aniseh Samadi, Saman Ahmad Nasrollahi, Leila Janani, Zahra Beigom Moosavi, Kambiz Kamyab Hesari, Arash Rezaie Kalantari, Alireza Firooz	Aesthetic Surgery Journal, Volume 38, Issue 12, 12 November 2018, Pages 1341–1350	2018
A rare case of a co-located pigmented naevus and dermal cyst: The utility of very high frequency Ultrasound and Videodermoscopy for differentiation.	E18-08	Laboratory for Noninvasive Skin Diagnostics, ANTA-Med Clinic, Moscow, Russia	Bezugly A.	European Federation of Societies for Ultrasound in Medicine and Biology (EFSUMB)	2018
Biophysical and ultrasonographic changes in lichen planus compared with uninvolved skin	E18-07	Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran, Telemedicine Research Center, National Research Institute of Tuberculosis and Lung Diseases, Shahid Beheshti University of Medical Sciences, Tehran, Iran	T.Yazdanparast MD, K.YazdaniMD, PhD P.Humbert MD, PhD A.Khatami MD, S.Ahmad Nasrollahi PharmD, PhD H.ZartabMD, L.Izadi Firouzabadi MD, A.Firooz MD	International Journal of Women's Dermatology	2018
Ultrasonographic features of superficial and nodular basal cell carcinoma	E18-06	Laboratory for Noninvasive Skin Diagnostics, ANTA-Med Clinic, Moscow, Russia	Khlebnikova AN, Molochkov VA, Selezneva EV, Belova LA, Bezugly A, Molochkov AV	Med Ultrason 2018; 20(4)	2018
Use of SkinFibrometer® to measure skin elasticity and its correlation with Cutometer® and DUB® SkinScanner	E18-05	Skincare Research Institute AMOREPACIFIC R&D Center, Yongin, Korea	M.A. Kim E.J. Kim H.K. Lee	Wiley Skin Research & Technology Volume 24, No 3 August 2018	2018
Zajrzeć pod skórę / Look under the skin	18-04	IT4KAN www.it4kan.pl	Szymon Korzekwa	Beauty Inspiration Magazine 3/2018	2018
A randomized, double-blind, comparative study for efficacy assessment of two hyaluronic acid nasolabial fillers	E18-03	Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran	Saman Ahmad Nasrollahi, Mansour Nassiri Kashani, Taraneh Yazdanparast, Setareh Ameri, Alireza Firooz	Journal of Surgical Dermatology	2018
Comparison of linoleic acid-containing water-in-oil emulsion with urea-containing water-in-oil emulsion in the treatment of atopic dermatitis: a randomized clinical trial	E18-02	Center for Research and Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran	Saman Ahmad Nasrollahi, Azin Ayatollahi, Taraneh Yazdanparast, Aniseh Samadi, Hamed Hosseini, Mansour Shamsipour, Ali Asghar Akhlaghi, Somayeh Yadangi, Christoph Abels, Alireza Firooz	Clinical, Cosmetic and Investigational Dermatology	2018

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Safety and efficacy of a high-intensity focused ultrasound (HIFU) device in the improvement of skin laxity and wrinkles of the face	E18-01	Center For Research & Training In Skin Diseases & Leprosy. Tehran University of Medical Sciences, Tehran, Iran	Aniseh Samadi (MD), Saman Ahmad Nasrollahi (PharmD/PhD), Shadi Marami Zonouz (M.Sc), Somayeh Yadangi (M.Sc), Alireza Firooz (MD)	Poster	2018
Verification of new method for automatic thickness measurement of melanocytic skin tumours by high frequency ultrasound	E17-05	Department of Skin and Venereal Diseases of the Lithuanian University of Health Sciences, Kaunas, Lithuania, Ultrasound Institute of Kaunas University of Technology, Kaunas, Lithuania, Department of Pathological Anatomy of the Lithuanian University of Health Sciences, Kaunas, Lithuania, Kaunas University of Technology, Kaunas, Lithuania, Department of Plastic and Reconstructive Surgery of the Lithuanian University of Health Sciences, Kaunas, Lithuania	Gintare Linkeviciute, Renaldas Raisutis, Kristina Sakalauskiene, Jurgita Makstiene, Jonas Guzaitis, Loreta Pilipaityte, Skaidra Valiukeviciene	Journal of Vibroengineering, Vol. 20, Issue 1, 2018	2018
High-Frequency Ultrasound in Blistering Skin Diseases	E17-04	Shandong Provincial Hospital for Skin Diseases, Shandong University, Jinan, China	Xiujun Cheng, MD , Jianke Li, MD, Guizhi Zhou, MD, Yongxia Liu, MD, Xianmei Lu, MD, Na Wang, MD, Hong Liu, PhD, Furen Zhang, PhD	Journal of Ultrasound in Medicine Volume36, Issue11	2017
High-frequency ultrasonography (HFUS) as a useful tool in differentiating between plaque morphea and extragenital lichen sclerosis lesions	E17-03	Department of Dermatology, Venereology and Allergology, Wrocław Medical University, Wrocław, Poland	Rafał Białynicki-Birula, corresponding author Radomir Reszke, and Jacek C. Szepietowski	Advances in Dermatology and Allergology Journal	2017
improvement of skin condition in striae distensae: development, characterization and clinical efficacy of a cosmetic product containing Punica granatum seed oil and Croton lechleri resin extract	E17-02	Department of Dermatopharmacy and cosmetics ¹ , Department of Pharmaceutical Technology and Biopharmacy ² , Faculty of Pharmacy, University of Medicine and Pharmacy Iuliu Hațieganu, Cluj-Napoca, Romania	Cătălina Bogdan ¹ , Sonia Iurian ² , Joan Tomuta ² , Mirela Moldovan ¹	Dovepress Drug Design, Development and Therapy	2017
Comparative clinical assessment of two nasolabial hyaluronic acid fillers: A double-blind, randomized controlled trial	E17-01	Center for Research and Training in Skin Diseases and Leprosy, University of Medical Sciences, Tehran, Iran	Saman Ahmad Nasrollahi, PharmD, PhD, Taraneh Yazdanparast, MD Setareh Ameri, MSc Shadi Marami Zonouz, Msc, Mansour Nassiri-Kashani, MD, Alireza Firooz, MD	Iranian Journal of Dermatology	2017

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FORMULATION AND EVALUATION OF A WATER-IN-OIL CREAM CONTAINING HERBAL ACTIVE INGREDIENTS AND FERULIC ACID	E16-02	Department of Dermatopharmacy and Cosmetics, Faculty of Pharmacy, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania 2Department of Pharmaceutical Technology and Biopharmacy, Faculty of Pharmacy, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania 3Department of Histology, Faculty of Medicine, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania	MIRELA MOLDOVAN1, ABIR LAHMAR1, CĂTĂLINA BOGDAN1, SIMONA PĂRĂUAN1, IOAN TOMUȚĂ2, MARIA CRIȘAN3	Clujul Medical 2016	2016
The influence of gender and age on the thickness and echo-density of skin	E16-01	Center For Research & Training In Skin Diseases & Leprosy. Tehran University of Medical Sciences, Tehran, Iran and Clinical Trial Center, Tehran University of Medical Sciences, Tehran, Iran	A. Firooz, A. Rajabi-Estarabadi, H. Zartab, N. Pazhohi, F. Faniyan and L. Janani	Skin Research and Technology 2017; 23: 13 –20	2016
A Painful Nipple: A Rare Presentation for an Infiltrating Labular Carcinoma	E15-03	Department of Dermatology, Pius Hospital de Valls, Tarragona, Spain University Hospital of Fuenlabrada, Madrid, Spain	P. Pasquali Azael Freites-Martinez Elia Camacho Angeles Fortuno	The Breast Journal	2015
High-Frequency Ultrasound (HFUS) in the Management of Skin Cancer Treated with Cryosurgery	E15-02 (E105)	Department of Dermatology, Pius Hospital de Valls, Tarragona, Spain	P. Pasquali	Book: Cryosurgery: A Practical Manual	2015
Central corneal thickness measurements and ultrasonographic study of the growing equine eye	E15-01 (E107)	Small Animal Clinic, Faculty of Veterinary Medicine, Freie Universität Berlin, Germany	L. Herbig J. C. Eule	Veterinary Ophthalmology	2015
Central Corneal Thickness Of Healthy Equine Eyes Measured With High Frequency Ultrasound (HF) And Ultrasound Biomicroscopy (UBM)	E103	Small Animal Clinic, Faculty of Veterinary Medicine, Freie Universität Berlin, Germany	L. Herbig JC Eule	ECVO (European College of Veterinary Ophthalmologie)	2014
Human skin morphology monitoring with 22 and 75 MHz high frequency ultrasound in aesthetic dermatology practice	E104	Moscow Scientific-Practical Center of Dermatology and Cosmetology, Moscow 127473, Russia	A. Bezugly N. PotekaeV	ISBS	2014
Comparison of the echogenicity of pigmented basal cell carcinoma with pigmented melanocytic nevus of head and neck using high frequency ultrasound imaging	E106	Center for Research & Training in Skin Diseases and Leprosy, Tehran University of Medical Sciences, Tehran, Iran	Alireza Firooz Parisa Khoshpouri Pegah Khoshpouri Mohammad Pooya Hamed Zartab Ali Rajabi Kambiz Kamyab		2013
Ultrasound and 3D Skin Imaging - Methods to Evaluate Efficacy of Striae Distensae Treatment	E098	Department of Drug Sciences, School of Pharmacy, University of Pavia, Italy	Mariella Blevè Priscilla Capra Franca Pavanetto Paola Perugini	Dermatology Research and Practice	2012

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High-resolution ultrasound (18-22 MHz) use in the measurement of in-vivo thickness of melanoma malignum	E101	University of Pécs, Department of Onkodermatology, Radiology and Pathology	Evelin Adriána Csernus Zsuzsanna Lengyel Judit Ferencz István Battyáni Endre Kálmán Zita Battyáni		2012
Anti-inflammatory Effects of Topical Formulations Containing Sea Silt and Sea Salt on Human Skin. In Vivo During Cutaneous Microdialysis	E11-02	Clinic of Dermatology and Venereology and Department of Pathological Biochemistry, Otto-von-Guericke University, Magdeburg	Sven R. Quist, Ingrid Wiswedel, Jennifer Quist and Harald P. Gollnick	Acta Dermato-Venereologica	2011
Pre-operative assessment of basal cell carcinoma dimensions using high-frequency ultrasonography and its correlation with histopathology	E099	Center for Research & Training in Skin Diseases & Leprosy Department of Pathology Department of Dermatology, Razi Skin Hospital, Tehran University of Medical Sciences, Tehran, Iran	M. Nassiri-Kashani B. Sadr F. Fanian K. Kamyab P. Noormohammadpour M. Mirshams Shahshahani M. Saraf-Yazdi H. Zartab A. Firooz	EADV	2011
Principles of high-frequency ultrasonography for investigation of skin pathology	E100	Department of Skin and Venereal Diseases of Kaunas University of Medicine, Kaunas Ultrasound Institute, Kaunas, University of Technology, Kaunas, Lithuania	D. Jasaitiene S. Valiukeviciene G. Linkeviciute R. Raisutis E. Jasiuniene R. Kazys	JEADV	2011
Clinical application of multiphoton tomography in combination with high-frequency ultrasound for evaluation of skin diseases	E097	JenLab GmbH, Jena Department of Biophotonics and Laser Technology, Faculty of Physics and Mechatronics, Saarland University taberna pro medicum GmbH, Lüneburg, Germany Department of Dermatology and Allergology, University Hospital Jena, Germany	Karsten König Marco Speicher Martin J. Köhler Rüdiger Scharenberg Martin Kaatz	Journal of BioPhotonics	2010
Biophysical and clinical evaluation of a topical treatment with 5% vitamin C and 0.1% madecassoside on skin physiology after 12 weeks	E095	University of Hamburg, Department of Chemistry, Division of Cosmetic Science	Nils Krueger Larissa Weber Angelika Kaess Heike Buntrock Martina Kerscher	EADV	2009
Psoriasis Plaque Test (PPT) as a model for Proof of Concept (POC) studies	E096	bioskin®, Berlin and Hamburg, Germany	Joachim W. Fluhr MD Betsy Hughes-Formella PhD Ragna Williams MS Walter Wigger-Alberti MD	EADV	2009

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Sonographie der Haut und Subkutis einschließlich subkutaner Lymphknoten	D055		T. Maier, D. Dill-Müller, A. Blum, S. El Gammal, M. Freitag, P. Gottlöber, K. Hoffmann, J. Maschke, H. Schatz, M. Stücker, J. Ulrich, Ch. Voit, J. Welzel, M-H. Schmid-Wendtner, E. Sattler	Fortschritte der praktischen Dermatologie und Venerologie, Springer	2008
Non-invasive evaluation techniques to quantify the efficacy of cosmetic anti-cellulite products	E071	proDERM Institute for Applied Dermatological Research GmbH, Schenefeld, Germany	Stephan Bielfeldt Peter Buttgerit Marianne Brandt Gunja Springmann Klaus-Peter Wilhelm	Skin Research and Technology	2008
Melanoma histological Breslow thickness predicted by 75-MHz ultrasonography	E090	Sydney Melanoma Diagnostic Centre and Department of Dermatology, Royal Prince Alfred Hospital NHMRC Clinical Trial Centre, Sydney Australia Sound Medical Equipment, Crows Nest, Australia Department of Dermatology, University of Modena and Reggio Emilia, Modena Italy	P. Guitera L. X. Li K. Crotty P. FitzGerald R. Mellenbergh G. Pellacani S. W. Menzies	British Journal of Dermatology	2008
Newer technologies/techniques and tools in the diagnostic of melanoma	E094	Jamaica Hospital Medical Center, Department of Medicine, Jamaica, NY University of Miami, Miller School of Medicine, Department of Dermatology and Cutaneous Surgery	Jitendrakumar K. PATEL Sailesh KONDA Oliver A. PEREZ Sadegh AMINI George ELGART Brian BERMAN	Eur J Dermatol	2008
Preoperative Ultrasonic Assessment of Thin Melanocytic Skin Lesions Using a 100-MHz Ultrasound Transducer	E043	Department of Dermatology and Surgery and Institute of High Frequency Engineering, Ruhr-University, Bochum Ruhr Center of Excellence for Medical Engineering (KMR), Bochum	Thilo Gambichler Georg Moussa Katharina Bahrenberg Michael Vogt Helmut Ermert Dirk Weyhe Peter Altmeyer Klaus Hoffmann	American Society for Dermatologic Surgery	2007
Mycophenolate sodium for subacute cutaneous lupus erythematosus resistant to standard therapy	E049	Department of Dermatology and Department of Internal Medicine, Ruhr-University Bochum	A. Kreuter N.S. Tomi S.M. Weiner M. Huger P. Altmeyer T. Gambichler	British Journal of Dermatology	2007

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The relative contributions of different skin layers to the mechanical behavior of human skin in vivo using suction experiments	E063	Eindhoven University of Technology, Department of Biomedical Engineering Philips Research Laboratories, Personal Care Institute, Eindhoven Queen Mary University London, Department of Engineering and Interdisciplinary Research Centre in Biomedical Materials, London	F.M. Hendriks D. Brokken C.W.J. Oomens D.L. Bader F.P.T. Baaijens	Medical Engineering and Physics	2006
Weiterentwicklungen in der hochauflösenden Sonographie der Haut (100 MHz)	D047	Dermatologische Klinik, Krankenhaus Bethesda, Freudenberg Institut für Hochfrequenztechnik, Ruhr-Universität, Bochum	S. El Gammal K. Kaspar M. Vogt H. Ermert	DDG	2005
Ultrasound Scanning in Dermatology	E042	Department of Dermatology and Allergology, Friedrich-Wilhelms-University, Bonn Department of Dermatology and Allergology, Ludwig-Maximilian University, Munich	Monika-Hildegard Schmid-Wendtner Walter Burgdorf	Arch Dermatologie	2005
A new High Frequency Ultrasound Skin Imaging System: Imaging properties and clinical in vivo results	E044	Institute of High Frequency Engineering, Dermatological University Hospital, Ruhr University Bochum taberna pro medicum, Lüneburg Ruhr-Center of Excellence for Medical Engineering, Bochum	Michael Vogt Rüdiger Scharenberg Gerog Moussa Michael Sand Klaus Hoffmann Peter Altmeyer Helmut Ermert	Acoustical Imaging	2005
In vivo Ultrasound Biomicroscopy of Skin with 20 MHz and 100 MHz range Ultrasound Inverse Echo Signal Filtering Optimization_Rotterdam	E048	Institute of High Frequency Engineering, Ruhr University Bochum taberna pro medicum, Lüneburg Ruhr-Center of Excellence for Medical Engineering, Bochum	M. Vogt B. Paul S. Scharenberg R. Scharenberg H. Ermert	IEEE	2005
Pulsed High-Dose Corticosteroids Combined With Low-Dose Methotrexate in Severe Localized Scleroderma	E050	Department of Dermatology and Allergology, Ruhr-University, Bochum	Alexander Kreuter Thilo Gambichler Frank Breuckmann Sebastian Rotterdam Marcus Freitag Markus Stuecker Klaus Hoffmann Peter Altmeyer	Arch Dermatologie	2005
High Frequency Ultrasound (20 to 100 MHz Range) for in vivo Skin Imaging	E064	Institute of High Frequency Engineering, Ruhr-University Bochum Ruhr-Center of Excellence for Medical Engineering (KMR) Bochum	M. Vogt H. Ermert	Ultrasonic Transducer Conference	2005

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Development and Evaluation of a High-Frequency Ultrasound-Based System for In Vivo Strain Imaging of the Skin	E065	Institute of High Frequency Engineering and Department of Electrical Engineering and Information Technology, Ruhr-University Bochum	Michael Vogt Helmut Ermert	IEEE	2005
New developments in sonography of the skin	E067	Dermatological Clinic, Hospital Bethesda, Freudenberg Institut für Hochfrequenztechnik, Ruhr-University Bochum	S. El Gammal K. Kaspar M. Vogt H. Ermert	IACD	2005
Concepts for High Resolution Blood Flow Imaging with High Frequency Ultrasound	E068	Institute of High Frequency Engineering, Ruhr-University Bochum Ruhr-Center of Excellence for Medical Engineering (KMR) Bochum	M. Vogt H. Ermert	Blood Flow-Modeling and Diagnostics	2005
Strain Imaging of the Skin utilizing High Frequency Ultrasound	E069	Institute of High Frequency Engineering and Department of Electrical Engineering and Information Technology, Ruhr-University Bochum	M. Vogt H. Ermert	IEEE UFFC	2005
Multimodal imaging of the skin with high frequency ultrasound, optical coherence tomography and epiluminescence microscopy	E033	Institute of High Frequency Engineering, Ruhr-University, Bochum, Germany taberna pro medicum GmbH, Lüneburg, Germany Visiomed AG, Bochum, Germany Isis optronics, Mannheim, Germany Dermatological University Hospital, Bochum, Germany Ruhr Center of Excellence for Medical Engineering	M. Vogt S. Scharenberg R. Scharenberg T. Grünendick A. Knüttel K. Hoffmann P. Altmeyer H. Ermert		2004
Effects of 1-year intermittent treatment with topical tacrolimus monotherapy on skin collagen synthesis in patients with atopic dermatitis	E035	Department of Dermatology, hospital for Skin and Allergic Diseases and Department of Clinical Chemistry, University Helsinki, Finland	H. Kyllönen A. Remitz J.M. Mandelin P. Elg S. Reitamo	British Journal of Dermatology	2004
Analysis and Measurement of Spectral Characteristics and Spatial Resolution of High Frequency Ultrasound Imaging Systems	E045	Institute of High Frequency Engineering, Ruhr University Bochum taberna pro medicum, Lüneburg Ruhr-Center of Excellence for Medical Engineering, Bochum	M. Vogt B. Paul S. Scharenberg R. Scharenberg H. Ermert	IEEE	2004
Measurement of Structural Changes within Facial Wrinkles via High Frequency Ultrasound Analysis	E062	Access Business Group, Ada, Michigan	Sarah Mclouth Ron Sharpe Jay Dittmer John Scimeca Di Qu		2004
Examples of in-vivo-measurements with the up to date DUB systems	E070	Institute of High Frequency Technology, Ruhr-Universität Bochum	M. Vogt	2004-11-08	2004

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Analysis and Measurement of Spectral Characteristics and Spatial Resolution of High Frequency Ultrasound Imaging Systems	E085	Institute of High Frequency Engineering, Ruhr-University Bochum, Germany taberna pro medicum GmbH, Lüneburg, Germany Ruhr Center of Excellence for Medical Engineering, KMR, Bochum, Germany	M. Vogt B. Paul S. Scharenberg R. Scharenberg H. Ermert	IEEE	2004
Ultrasound measurements of skin thickness after UV exposure: a feasibility study	E086	Food and Drug Administration, Department of Health and Human Services, Center for Devices and Radiological Health, Office of Science and Technology, Rockville, MD, USA	Hector Lopez Janusz Z. Beer Sharon A. Miller Barbara Z. Zmudzka	Journal of Photochemistry and Photobiology	2004
A high frequency ultrasound elastography system for in vivo skin elasticity imaging	E034	Institute of High Frequency Engineering, Ruhr-University, Bochum, Germany taberna pro medicum GmbH, Lüneburg, Germany Dermatological University Hospital, Bochum, Germany	M. Vogt S. Scharenberg R. Scharenberg K. Hoffmann P. Altmeyer H. Ermert	5 th World Congress on Ultrasonics	2003
A numerical-experimental method to characterize the non-linear mechanical behaviour of human skin	E037	Eindhoven University of Technology, Department of Biomedical Engineering Philips Research Technologies	F.M. Hendriks D. Brokken J.T.W.M. van Eemeren C.W.J. Oomens F.P.T. Baaijens J.B.A.M. Horsten	Skin Research and Technology	2003
Imedeen Time Perfection: Assessment of Time Perfection's effect on the skin with signs of ageing	E038	Thomas J. Stephens & Associates, Inc. Dallas Texas	Monya L. Sigler		2003
Development of a high Frequency Ultrasound Skin Imaging System: Optimization utilizing time domain reflectometry and network analysis	E053	Dept. of Electrical Engineering, Ruhr-University, Bochum, Germany taberna pro medicum GmbH, Lueneburg, Germany	M. Vogt B. Paul S. Scharenberg R. Scharenberg H. Ermert	IEEE Ultrasonics	2003
Skin Benefits of an SPF20 Copper Peptide Containing Face Cream	E061	Thomas J. Stephens & Associates, Inc., Dallas Neutrogena Corporation, Los Angeles	T.J. Stephens M. Sigler M.B. Finkey Y. Appa	AAD	2003
Development of a High Frequency Ultrasound Skin Imaging System: Optimization utilizing Time Domain Reflectometry and Network Analysis	E066	Institute of High Frequency Engineering, Ruhr-University Bochum taberna pro medicum GmbH, Lüneburg	M. Vogt B. Paul S. Scharenberg R. Scharenberg H. Ermert	IEEE	2003
High-resolution sonography of the epidermis	E083	Krankenhaus Bethesda, Freudenberg, Germany Institut of High Frequency Engineering, Ruhr-University Bochum	S. El Gammal K. Kaspar M. Vogt H. Ermert	ISBS & ISSI	2003

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A high frequency ultrasound based system for spatially resolved imaging of skin elasticity in vivo	E084	Ruhr-University, Bochum, Germany taberna pro medicum, Lüneburg, Germany Dermatologic University Hospital, Bochum	M. Vogt S. Scharenberg R. Scharenberg K. Hoffmann P. Altmeyer H. Ermert	ISBS & ISSI	2003
In vivo Evaluation and Imaging of Skin Elasticity Applying High Frequency (22 MHz) Ultrasound	E047	Institute of High Frequency Engineering, Ruhr-University, Bochum, Germany taberna pro medicum GmbH, Lüneburg, Germany Dermatological University Hospital, Bochum, Germany	M. Vogt S. Scharenberg R. Scharenberg K. Hoffmann P. Altmeyer H. Ermert	IEEE UFFC	2002
Skin Benefits of Copper Peptide Containing Facial Cream	E060	University of Pennsylvania Department of Dermatology, Philadelphia KGL Inc. Skin Study Center, Broomall Thomas J. Stephens & Associates, Inc., Dallas Neutrogena Corporation, Los Angeles	J.J. Leyden G. Grove T.J. Stephens M.B. Finkey S. Barkovic Y. Appa	AAD	2002
Instrumental evaluation of retinoid-induced skin irritation	E081	Department of Dermatology and Allergology, Ruhr University Bochum, Germany	M. Stücker M. Hoffmann P. Altmeyer	Skin Research and Technology	2002
Ohne Schnitt unter die Haut	D043	Dermatologische Universitätsklinik am St. Josef-Hospital Bochum	S. El Gammal P. Altmeyer	MEDrubin	2001
High Frequency Ultrasound for High Resolution Skin Imaging	E040	Ruhr-University Bochum	Michael Vogt Katharina Kaspar Peter Altmeyer Klaus Hoffmann Stephan El Gammal	Frequenz	2001
Different Pattern of Collagen Cross-Links in Two Sclerotic Skin Diseases	E046	Department of Dermatology and Institute for Medical Molecular Biology, Medical University of Lübeck Department of Dermatology, University Cologne Department of Clinical Chemistry, University of Oulu	J. Brinkmann C.M. Neess Y. Gaber H. Sobhi H. Notbohm N. Hunzelmann P.P. Fietzek P.K. Müller J. Risteli R. Gebker K. Scharffetter-Kochanek	Invest. Dermatol	2001
Vitamin B12 ointment containing avocado oil in the therapy of plaque psoriasis	E051	Department of Dermatology and Allergology, Ruhr-University, Bochum Department of Statistics of the University of Dortmund	Markus Stücker Ulrike Memmel Matthias Hoffmann Joachim Hartung Peter Altmeyer	Dermatolgy	2001

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The velocity of ultrasound in human primary melanoma tissue – implications for the clinical use of high resolution sonography	E074	Department of Dermatology, St.Georg Hospital, Hamburg, Germany Department of Dermatology, Buxtehude Hospital, Buxtehude, Germany	Michael Weichenthal Peter Mohr Eckhard W. Breitbart	BMC Dermatology	2001
Ultraschall-Elastographie der Prostata	D036	Institut für Hochfrequenztechnik, Urologische Klinik, Herne und Abteilung für Allgemeine und Spezielle Pathologie der Ruhr-Universität Bochum	A. Lorenz H. Ermert H.-J. Sommerfeld M. Garcia-Schürmann T. Senge S. Philippou	Ultraschall in der Medizin	2000
Sonographie (Manual Maligne Melanome)	D041	Tumorzentrum München	Monika-H. Schmid-Wendtner		2000
Kombinierte Erfassung von axialem und transversalem Blutfluß mit einem 50 MHz-Ultraschall-B-Bild-System für die Dermatologie	D035	Lehrstuhl für Hochfrequenztechnik und Dermatologische Klinik, Ruhr-Universität Bochum	M. Vogt C. Curio H. Ermert S. el Gammal K. Kaspar K. Hoffmann M. Stücker P. Altmeyer	Zeitschrift für Medizinische Physik	1999
Präoperative sonographische Melanomdiagnostik - Vergleich von 7,5- und 20-MHz-Sonographie	D038	Klinik und Poliklinik für Dermatologie und Venerologie der Otto-von-Guericke-Universität Magdeburg	J. Ulrich S. Peterleit H. Gollnick	Ultraschall in der Medizin	1999
100-MHz-Sonographie zur Darstellung des Stratum corneum an der Palmarhaut nach Anwendung verschiedener Externa	D046	Dermatologische Klinik und Institut für Hochfrequenztechnik der Ruhr-Universität Bochum	K. Kaspar M. Vogt H. Ermert P. Altmeyer S. El Gammal	Ultraschall in der Medizin	1999
Imaging of fibrosis of the oral mucosa by 20 MHz sonography	E021	...			1999
Sonography of the Skin at 100 MHz Enables In Vivo Visualization of Stratum Corneum and Viable Epidermis in Palmar Skin and Psoriatic Plaques	E023	Dermatological Clinic and Insitute of High Frequency Engineering of the Ruhr-University, Bochum	Stephan El Gammal Claudia El Gammal Katharina Kaspar Carsten Pieck Peter Altmeyer Michael Vogt Helmut Ermert	Journal of Investigative Dermatology	1999
Comparison of Blood Flow Imaging Concepts with Coherent and Incoherent RF Carriers in the 50 MHz Region for Application in Dermatology	E024	Dept. of Electrical Engineering, Ruhr University Bochum, Germany	Michael Vogt Helmut Ermert	IEEE Ultrasonics Symposium Proceedings, Caesars Tahoe, Nevada, USA	1999
A New System for the Acquisition of Ultrasonic Multicompression Strain Images of the Human Prostate In Vivo	E029	Dept. of Electrical Engineering, Ruhr University Bochum, Germany	Andreas Lorenz H.-J. Sommerfeld Miguel Garcia-Schürmann Stathis Philippou Theodor Senge Helmut Ermert	IEEE	1999

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Dermatological Applications of High-Frequency Ultrasound	E036	Section of Dermatology, Pennsylvania State University College of Medicine, Hershey, PA	Diane M. Thiboutot	Society of Photo-Optical Instrumentation Engineers	1999
100-MHz-Sonographie von Psoriasis-vulgaris-Plaques	D033	Dermatologische Klinik und Institut für Hochfrequenztechnik der Ruhr-Universität Bochum	S. el Gammal C. Pieck T. Auer Katharina Kaspar K. Hoffmann P. Altmeyer M. Vogt H. Ermert	Ultraschall in der Medizin	1998
Bath-PUVA therapy in three patients with scleredema adutorum	E002	Departments of Dermatology and Pathology, University of Cologne taberna pro medicum, Lüneburg, Germany	Carina M.Hager Hussein A. Sobhi Nicolas Hunzelmann Claudia Wickenhauser Rüdiger Scharenberg Thomas Krieg Karin Scharffetter-Kochanek	American Academy of Dermatology	1998
Low-dose UVA phototherapy for treatment of localized scleroderma	E007	Departments of Dermatology: Ruhr-University Bochum Ludwig-Maximilians University Munich Heinrich-Heine University Düsseldorf, Germany.	Martina Kerscher Matthias Volkenandt Claus Gruss Tilman Reuther Gregor von Kobyletzki Marcus Freitag Thomas Dirschka Peter Altmeyer	American Academy of Dermatology	1998
High Resolution Estimation of axial and transversal Bloodflow with a 50 MHz Pulsed Wave Doppler System for Dermatology	E027	Dept. of Electrical Engineering and Dermatologic University Hospital of Ruhr University Bochum, Germany	M. Vogt H. Ermert S.el Gammal K. Kaspar K. Hoffmann M. Stücker P.Altmeyer	24 th International Symposium on Acoustical Imaging, Santa Barbara, California, USA	1998
High Resolution True Velocity Mapping with a 50 MHz Pulsed Wave Doppler System for Dermatology	E028	Dept. of Electrical Engineering, Ruhr University Bochum, Germany	Michael Vogt Helmut Ermert	IEEE Ultrasonics Symposium Proceedings, Sendai, Japan	1998
Darstellung der Dermatoheliosis mit der 20 MHz-Sonographie	D013	Universitäts-Hautklinik der Ludwig-Maximilians-Universität München Abt. Dermatologie der Universität Ulm	P. Gottlöber R.U. Peter H.C. Korting	H+G, Zeitschrift für Hautkrankheiten	1997
Application of high frequency broadband ultrasound for high resolution blood flow measurement	E025	Dept. of Electrical Engineering, Ruhr University Bochum, Germany	Michael Vogt Helmut Ermert	IEEE Ultrasonics Symposium Proceedings, Toronto, Canada	1997
Nichinvasive hochauflösende Sonographie des Malignen Melanoms der Haut (Vor Sonnenbrand kann - gerade bei Kindern - nicht genug gewarnt werden)	D005	Dermatologische Klinik der Ruhr-Universität Bochum	M. Freitag K. Hoffmann P. Altmeyer	Fortschr. Medizin	1996

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Diagnosestellung mittels Dermatoskopie und 20 MHz-Sonographie: Malignes Melanom versus Basaliom	D014	Dermatologische Klinik und Poliklinik der Ludwig-Maximilians-Universität München	P. Gottlöber G. Krähn H.C. Korting R.U. Peter	H+G, Zeitschrift für Hautkrankheiten	1996
Sonographische Diagnostik in der Dermatologie	D015		H.C. Korting	Zeitschrift für Hautkrankheiten	1996
Wirkungseintritt eines Antihistaminikums im Histamin-Quaddeltest	D023	Dermatologische Klinik der Ruhr-Universität Bochum	K. Hoffmann T. Auer M. Stücker P. Altmeyer	Aktuelle Dermatologie	1996
Topical Glucocorticoids with Improved Risk-Benefit Ratio	E008	Lehrstuhl Pharmakologie am Institut für Pharmazie II der Freien Universität Berlin, Germany Dermatologische Klinik und Poliklinik der Ludwig-Maximilians-Universität, Munich, Germany	Monika Schäfer-Korting Monika-Hildegard Schmid Hans Christian Korting	Drug Safety	1996
A 100-MHz Ultrasound Imaging System for Dermatologic and Ophthalmologic Diagnostics	E026	Department of RF Engineering, University of Bochum, Germany	Christian Passmann Helmut Ermert	IEEE	1996
Darstellung oberflächlicher Hauttumoren im HNO-Bereich	D006	Klinik und Poliklinik für Hals-Nasen-Ohrenkrankheiten der Universität Erlangen-Nürnberg Dermatologische Universitätsklinik St. Josef-Hospital Bochum	H. Heinritz W. Benzel K. Hoffmann H. Iro	HNO	1995
Antientzündliche Wirkung von Prostaglandin E in Kombination mit Gamma-Liolsäure	D016	BioSkin, Institut für Dermatologische Forschung und Entwicklungen Beiersdorf AG, Hamburg Universität Osnabrück Universitätsklinik München	Irene Tausch J. Gaßmüller Betsy Hughes-Formella R. Maas-Irslinger F. Rippke B. Melnik G. Plewig	DDG	1995
Der Stellenwert der 20, 50 und 100 MHz Sonographie in der Dermatologie	D017	Dermatologische Klinik der Ruhr-Universität Bochum im St. Josef-Hospital Institut für Hochfrequenztechnik, Ruhr-Universität Bochum	S. El-Gammal P. Altmeyer T. Auer K. Kaspar K. Hoffmann C. Paßmann H. Ermert	Akt. Dermatologie	1995
Preoperative Characterization of Pigmented Skin Lesions by Epiluminescence Microscopy and High-Frequency Ultrasound	E001	Departments of Dermatology: University of Würzburg Technical University of Munich, Germany	Wolfgang Dummer Hans-Jürgen Blaheta Boris C. Bastian Tamara Schenk Eva-Bettina Bröcker, Wolfgang Remy	Arch Dermatol. Vol. 131, March 1995	1995
High-Frequency Sonography of Skin Diseases	E014	Dermatological Department of the Ruhr University Bochum in St. Josef's Hospital, Germany	Klaus Hoffmann Anja Röchling Markus Stücker Kay Dirting Stefan el Gammal Andrea Hoffmann Peter Altmeyer	CRC Press	1995

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Non-invasive assessment of the antipsoriatic activity of fumaric acid derivatives	E041	Dermatological Department of the Ruhr-University, Bochum	K. Hoffmann Th. Dirschka H. Schwarze M. Stücker U. Matthes S. el-Gammal A. Hoffmann P. Altmeyer	Skin Research and Technology	1995
Bestimmung der Elastizität und Dicke der Haut mit Hilfe eines kombinierten Elastometer-Ultraschallsystems bei Sclerodermien und Ehlers-Danlos Syndrom	D039	Hautklinik der Heinrich-Heine-Universität, Düsseldorf	S. Reinauer K.L. Müller-Forte T. Ruzicka		1994
Variationen im ultrasonographischen Bild des malignen Melanoms	D001	Hautklinik der Städtischen Kliniken Kassel Akademisches Lehrkrankenhaus der Philipps-Universität Marburg	R. Rompel J. Petres	Hautarzt	1993
Ultrasonographische Darstellung von Narbengewebe und abgeheilten Wunden unterschiedlicher Genese	D007	Hautklinik der Städtischen Kliniken Kassel Akademisches Lehrkrankenhaus der Philipps-Universität Marburg	R. Rompel J. Petres	Akt. Dermatologie	1993
Summen-A-Mode-Verfahren bei Messungen der Hautdicke mit 20 MHz Sonographie	D018	Dermatologische Klinik und Poliklinik der Ludwig-Maximilians-Universität München	H. Hart Martina Kerscher H.C. Korting	Akt. Dermatologie	1993
Darstellung der subkutanen Atrophie bei der zirkumskripten Sklerodermie im 20_MHz-B-scan Ultraschall	D019	Institut für Humanpharmakologie, Dermatologie der Schering AG	J.J. Lévy J. Gaßmüller H. Audring A. Brenke H. Albrecht-Nebe	Hautarzt	1993
Bewertung der aktinischen Elastose mittels 20 MHz Sonographie	D020	Dermatologische Klinik der Ruhr-Universität Bochum im St. Josef-Hospital	T. Dirschka K. Hoffmann M. Stücker P. Altmeyer	Akt. Dermatologie	1993
Ultrasound and cryosurgery	E006	Dermatological Department of the Ruhr University Bochum in St. Josef's Hospital, Germany	K. Hoffmann Th. Dirschka M. Stücker Gisela Rippert Andrea Hoffmann S. El-Gammal P. Altmeyer	Dermatological Monthly Paper	1993
Einsatz der 20-MHz-Sonographie in der Diagnostik und Verlaufskontrolle sklerodermatischer Prozesse der Haut	D021	Dermatologische Klinik und Poliklinik der Medizinischen Fakultät der Humboldt-Universität zu Berlin	J. Lévy J. Gaßmüller Heike Audring N. Sönnichsen	Dermatologische Monatsschrift	1992

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Therapie- und Verlaufskontrolle des psoriatischen Plaques mittels 20-MHz-Sonographie und Kolorimetrie	D022	Dermatologische Klinik und Poliklinik der Medizinischen Fakultät der Humboldt-Universität zu Berlin Humanpharmakologie / Dermatologie der Schering AG Berlin	Barbara Klinger Johannes Gaßmüller Jean Lévy	10/1992	1992
Lupus pernio bei Sarkoidose Stadium IIb – Therapie und Verlaufskontrolle mit 20 MHz Ultraschall	D026	Dermatologische Klinik und Poliklinik der Medizinischen Fakultät der Humboldt-Universität zu Berlin	J. Gaßmüller J. Lévy Heike Audring	Dermatologische Monatsschrift	1992
Ultraschalldiagnostik von Hauttumoren	D027	Klinik und Poliklinik für Hals-Nasen-Ohrenkranke der Universität Erlangen-Nürnberg Dermatologische Universitätsklinik St. Josef-Hospital Bochum	N. Nitsche K. Hoffmann H. Iro	HNO	1992
General Phenomena of Ultrasound in Dermatology	E003		P. Altmeyer K. Hoffmann M. Stücker S. Goertz S. El-Gammal	Ultrasound in Dermatology	1992
Malignant Melanoma in 20-MHz B Scan Sonography	E005	Dermatological Department of the Ruhr University Bochum in St. Josef's Hospital, Germany	K. Hoffmann J. Jung S. El-Gammal P. Altmeyer	Dermatology; 185:49-55	1992
Topical Glucocorticoids of the Non-fluorinated Double-ester Type	E010	Department of Dermatology, Ludwig-Maximilians-University, Munich, Germany	M.J. Kerscher H.C. Korting	Acta Derm Venerol	1992
Ultrasound Assessment of the Comparative Atrophogenicity of Potent Fluorinated and Nonfluorinated Topical Glucocorticoids	E011		H.C. Korting D. Vieluf M. Kerscher	Ultrasound in Dermatology	1992
0.25% Prednicarbate cream and the corresponding vehicle induce less skin atrophy than 0.1% Betamethasone-17-valerate cream and 0.5% Clobetasol-17-propionate cream	E012	Department of Dermatology, Ludwig-Maximilians-University, Munich, Germany	H.C. Korting D. Vieluf M. Kerscher	European Journal of Clinical Pharmacology	1992
Hauttumoren im Ultraschall	D029		K. Hoffmann S. el Gammal K. Winkler M. Stücker R. Hammentgen H. Schatz P. Altmeyer	hautnah	1991
20-MHz B-mode Ultrasound in Monitoring the Course of Localized Scleroderma (Morphea)	E004	Dermatological Department of the Ruhr University Bochum in St. Josef's Hospital, Germany	K. Hoffmann U. Gerbaulet S. El-Gammal P. Altmeyer	Acta Derm Venerol Suppl. 164	1991

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What dermatologists should know about digital imaging	E016	Department of Dermatology, Oregon Health Sciences University and the Department of Medicine, Section of Dermatology, University of Arizona Health Sciences Center, Tucson	Douglas A. Peredina, MD Protland, Oregon	Journal of the American Academy of Dermatology	1991
Digitale 20-MHz-Sonographie des Baslioms im b-scan	D002	Dermatologische Klinik der Ruhr-Universität Bochum im St. Josef-Hospital	Klaus Hoffmann Markus Stücker Stefan el-Gammal Peter Altmeyer	Hautarzt	1990
B-scan-Sonographie in der Dermatologie	D003 E009	Dermatologische Klinik der Ruhr-Universität Bochum im St. Josef-Hospital	Klaus Hoffmann Stefan el-Gammal Peter Altmeyer	Hautarzt	1990
Blick in die Haut – ohne Schnitt und Biopsie	D008	Dermatologische Klinik der Ruhr-Universität Bochum im St. Josef-Hospital	Klaus Hoffmann Stefan el-Gammal Peter Altmeyer	Münchener Medizinische Wochenschrift	1990
Digitale 20 MHz-Sonographie der Haut in der präoperativen Diagnostik	D009	Dermatologische Klinik der Ruhr-Universität Bochum im St. Josef-Hospital	Klaus Hoffmann Stefan el-Gammal U. Matthes Peter Altmeyer	H+G, Zeitschrift für Hautkrankheiten	1989
Die Kryochirurgie eines Basalioms	D010	Dermatological Department of the Ruhr Unviersity Bochum	Heike Luther J. Banas G. Daweke-Pickardt K. Hoffmann H. Fabry P. Altmeyer	H+G Zeitschrift für Hautkrankheiten	1989
Fortschritt im Kampf gegen den schwarzen Hautkrebs	D011		Christa T. Kaul	PraxisComputer	1989
Neue Entwicklungen der Ultraschalldiagnostik in der Dermatologie	D012	Universitäts-Hautklinik Hamburg-Eppendorf Universitäts-Hautklinik der Ludwig-Maximilians-Universität München	E.W. Breitbart Ch.E. Müller R. Hicks D. Vieluf	Akt. Dermatologie	1989
The Use of Ultrasound in Evaluation of Skin Care Products	E073	Peter T. Pugliese and Associates, Bernville	Peter T. Pugliese	Cosmetics and Toiletries March	1989
In vivo study of the human retino-choroidal layers by RF-Signal analysis. II. Automated digital image analysis on the M-scan	E017	Bonn	K.M. Irion H.G. Trier R.-D. Lepper	Ophthalmic Echography	1987
Eine neue Methode zur Bestimmung der Hautelastizität mit Hilfe von Ultraschall	D040	Universitäts-Hautklinik der Universität Hamburg	Ronald Hicks		1985
Hautdickenmessung mit Ultraschall (Anwendungsbeispiel)	D053	Universitäts-Hautklinik Hamburg-Eppendorf	E. W. Breitbart W. Rehpenning S. Bohnsack		1985
Digitale Analyse von Ultraschall-M-Bildern zur Ermittlung des dynamischen Verhaltens der Augenrückwand	D030	Institut für Biomedizinische Technik, Universität Stuttgart Universitätsaugenklinik Bonn	K.M. Irion U. Faust H.G. Trier R.D. Lepper	Ultraschall in der Medizin	1984

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Möglichkeiten und Grenzen der Ultraschall Diagnostik zur in vivo Bestimmung der Invasionstiefe des malignen Melanoms	D031	Universitätshautklinik Hamburg Eppendorf Institut für Mathematik und Datenverarbeitung in der Medizin des Universitätskrankenhauses Eppendorf	E.W. Breitbart W. Rehpenning	H+G	1983
Non-invasive skin measurement by ultrasound	E018	University of Manchester, England	P.A. Payne, Ph.D.		1983
Comparison of Xeroradiographic and Ultrasound Detection of Corticosteroid Induced Dermal Thinning	E020		C.Y. Tan, R. Marks, P. Payne	Journal of Investigative Dermatology	1981
Determining Skin Thickness with Pulsed Ultra Sound	E019	Department of Surgery, New Jersey Medical School, Newark	Harold Alexander, Ph.D. D.L. Miller, Ph.D.	The Journal of Investigative Dermatology	1979

Exxx = English

Dxxx = German