

PinPrick Stimulatoren – Publikationen

1. Adamczyk W.M., Budzisz A., Saulicz O., Szikszay T.M., Saulicz E., Luedtke K.: Tactile Precision Remains Intact When Acute Neck Pain Is Induced. *J Pain* (2019)
2. Andersen H.H., Lo Vecchio S., Elberling J., Yosipovitch G., Arendt-Nielse L.: UVB-and NGF- induced cutaneous sensitization in humans selectively augments cowhage-and histamine- induced pain and evokes mechanical hyperknesis. *Exp Dermatol* (2018)
3. Andersen L.P., Gögenur I., Fenger A.Q., Petersen M.C., Rosenberg J., Werner M.U.: Analgesic and antihyperalgesic effects of melatonin in a human inflammatory pain model: a randomized, double-blind, placebo-controlled, three-arm crossover study. *Pain* (2015)
4. Asghar M.S., Pereira M.P., Werner M.U., Martensson J., Larsson H., Dahl J.B.: Secondary Hyperalgesia Phenotypes Exhibit Differences in Brain Activation during Noxious Stimulation. *PLoS One* (2015)
5. Backonja M.M., Attal N., Baron R., Bouhassira D., Drangholt M., Ziegler D. et al.: Value of quantitative sensory testing in neurological and pain disorders: NeuPSIG consensus. *Pain* (2013)
6. Baxter L., Fitzgibbon S., Moultrie F., Goksan S., Jenkinson M., Smith S., Andersson J., Duffa E., Slater R.: Optimising neonatal fMRI data analysis: Design and validation of an extended dHCP preprocessing pipeline to characterise noxious-evoked brainactivity in infants. *NeuroImage* (2019)
7. Benoit B., Martin-Misner R., Newman A., Latimer M., Campbell-Yeo M.: Neurophysiological assessment of acute pain in infants: a scoping review of research methods. *Acta Paediatr* (2017)
8. Benson S., Rebernik L., Wegner A., Kleine-Borgemann J., Engler H., Schlamann M., Forsting M., Schedlowski M., Elsenbruch S.: Neural circuitry mediating inflammation-induced central pain amplification in human experimental endotoxemia. *Brain Behav Immun* (2015)
9. Bisset L., Carty M., Smith A.: Unilateral Lateral Epicondylalgia Shows a Pro-nociceptive Pain Profile. *The Clinical J Pain* (2018)
10. Blankenburg M., Junker J., Hirschfeld G., Michel E., Aksu F., Wager J., Zernikow B.: Quantitative sensory testing profiles in children, adolescents and young adults (6–20 years) with cerebral palsy: Hints for a neuropathic genesis of pain syndromes. *Eur J Paediatr Neurol* (2018)
11. Blankenburg M., Boekens H., Hechler T., Maier C., Krumova E., Scherens A., Magerl W., Aksu F., Zernikow B.: Reference values for quantitative sensory testing in children and adolescents: Developmental and gender differences of somatosensory perception. *Pain* (2010)
12. Blankenburg M., Boekens H., Hechler T., Maier C., Krumova E., Scherens A., Magerl W., Aksu F., Zernikow B.: Quantitative Sensorische Testung bei Kindern und Jugendlichen nach dem Protokoll des Deutschen Forschungsverbundes Neuropathischer Schmerz (DFNS). *Schmerz* (2010)

13. Blichfeldt-Eckhardt M.R., Andersen C., Ørding H., Licht P.B., Toft P.: From acute to chronic pain after thoracic surgery: the significance of different components of the acute pain response. *J Pain Res.* (2018)
14. Brenner M.: Quantitative Sensorische Testung bei Patienten mit Hepatischer Enzephalopathie: Dissertation, Heinrich-Heine-Universität Düsseldorf (2016)
15. Bruun Plesner K, Bjarke Vaegter H.: Symptoms of Fibromyalgia According to the 2016 Revised Fibromyalgia Criteria in Chronic Pain Patients Referred to Multidisciplinary Pain Rehabilitation: Influence on Clinical and Experimental Pain Sensitivity. *J Pain* (2018)
16. Campbell-Yeo M.: ‘First, do no harm’ – the use of analgesia or placebo as control for babies in painful clinical trials. *Acta Paediatrica* (2016)
17. Cayrol T., Pitance L., Roussel N., Mouraux A., van den Broeke E.N.: No evidence of widespread mechanical pressure hyperalgesia after experimentally induced central sensitization through skin nociceptors. *Pain* (2018)
18. Dimova V., Oertel B.G., Kabakci G., Zimmermann M., Hermens H., Lauterbacher S., Ultsch A., Lötsch J.: A More Pessimistic Life Orientation Is Associated With Experimental Inducibility of a Neuropathy-like Pain Pattern in Healthy Individuals. *J Pain* (2015)
19. Di Stefano G., Celletti C., Baron R., Castori M., Di Franco M., La Cesa S., Leone C., Pepe A., Cruccu G., Truini A., Camerota F.: Central sensitization as the mechanism underlying pain in joint hypermobility syndrome/Ehlers–Danlos syndrome, hypermobility type. *Eur J Pain* (2016)
20. Eberhard L., Terebesi S., Giannakopoulos N., Hellmann D., Schindler H.J., Schmitter M., Pfau D.: Quantitative sensory response of the SCM muscle on sustained low level activation simulating co-contractions during bruxing. *Arch Oral Biol* (2018)
21. Fißmer I., Klein T., Magerl W., Treede R.D., Zahn P.K., Pogatzki-Zahn E.M.: Modality-specific somatosensory changes in a human surrogate model of postoperative pain. *Anesthesiology* (2011)
22. Fleckenstein J., Simon P., König M., Vogt L., Banzer W.: The pain threshold of high-threshold mechanosensitive receptors subsequent to maximal eccentric exercise is a potential marker in the prediction of DOMS associated impairment. *PloS One* (2017)
23. Geber C., Klein T., Azad S., Birklein F., Gierthmuehlen J., Hüge V., Lauchart M., Nitzsche D., Stengel M., Valet M., Baron R., Maier C., Toelle T., Treede R-D.: Test–retest and interobserver reliability of quantitative sensory testing according to the protocol of the German Research Network on Neuropathic Pain (DFNS): A multi-centre study. *Pain* (2011)
24. Gehling J., Mainka T., Vollert J., Pogatzki-Zahn E.M., Maier C., Enax-Krumova E.K.: Short-term test-retest-reliability of conditioned pain modulation using the cold-heat-pain method in healthy subjects and its correlation to parameters of standardized quantitative sensory testing. *BMC Neurol* (2016)
25. Geisler M., Eichelkraut L., Miltner W.H.R., Weiss T.: Expectation of exercise in trained athletes results in a reduction of central processing to nociceptive stimulation. *Behav Brain Res* (2019)

26. Goksan S., Hartley C., Emery F., Cockrill N., Poorun R., Moultrie F., Rogers R., Campbell J., Sanders M., Adams E., Clare S., Jenkinson M., Tracey I., Slater R.: fMRI reveals neural activity overlap between adult and infant pain. *Elife* (2015)
27. Goksan S., Hartley C., Hurley S.A., Winkler A.M., Duff E.P., Jenkinson M., Rogers R., Clare S., Slater R.: Optimal Echo Time for Functional MRI of the Infant Brain Identified in Response to Noxious Stimulation. *Magn Reson Med* (2017)
28. Grabher P., Callaghan M.F., Ashburner J., Weiskopf N., Thompson A.J., Curt A., Freund P.: Tracking Sensory System Atrophy and Outcome Prediction in Spinal Cord Injury. *Ann Neurol* (2015)
29. Green G., Hartley C., Hoskin A., Duff E., Shriver A., Wilkinson D., Adams E., Rogers R., Moultrie F., Slater R.: Behavioural discrimination of noxious stimuli in infants is dependent on brain maturation. *Pain* (2019)
30. Gursul D., Goksan S., Hartley C., Schmidt Mellado G., Moultrie F., Hoskin A., Adams E., Hathway G., Walker S., McGlone F., Slater R.: Stroking modulates noxious-evoked brain activity in human infants. *Curr Biol* (2018)
31. Gustorff B., Sycha T., Lieba-Samal D., Rolke R., Treede R.D., Magerl W.: The pattern and time course of somatosensory changes in the human UVB sunburn model reveal the presence of peripheral and central sensitization. *Pain* (2013)
32. Hartley C., Goksan S., Poorun R., Brotherhood K., Mellado G.S., Moultrie F., Rogers R., Adams E., Slater R.: The relationship between nociceptive brain activity, spinal reflex withdrawal and behaviour in newborn infants. *Sci* (2015)
33. Hartley C., Poorun R., Goksan S., Worley A., Boyd S., Rogers R., Ali T., Slater R.: Noxious stimulation in children receiving general anaesthesia evokes an increase in delta frequency brain activity. *Pain* (2014)
34. Helfert S., Reimer M., Barnscheid L., Hüllemann P., Rengelshausen J., Keller T., Baron R., Binder A.: Impact of suggestion on the human experimental model of cold hyperalgesia after topical application of high-concentration menthol [40%]. *Eur J Pain* (2018)
35. Henrich F., Magerl W., Klein T., Greffrath W., Treede R-D.: Capsaicin-sensitive C- and A-fibre nociceptors control long-term potentiation-like pain amplification in humans. *Brain* (2015)
36. Ianetti G.D., Baumgaertner U., Tracey I., Treede R.D., Magerl W.: Pinprick-evoked brain potentials (PEPs): a novel tool to assess central sensitization of nociceptive pathways in humans. *J Neurophysiol* (2013)
37. Jung W.M., Lee Y.S., Wallraven C., Chae Y.: Bayesian prediction of placebo analgesia in an instrumental learning model. *PloS One* (2017)
38. Jürgens T.P., Sawatzki A., Henrich F., Magerl W., May A.: An improved model of heat-induced hyperalgesia-repetitive phasic heat pain causing primary hyperalgesia to heat and secondary hyperalgesia to pinprick and light touch. *PloS One* (2014)
39. Jürgens T.P., Schulte A., Klein T., May A.: Transcranial direct current stimulation does neither modulate results of a quantitative sensory testing protocol nor ratings of suprathreshold heat stimuli in healthy volunteers. *Eur J Pain* (2012)

40. Kamm K., Pomschar A., Ruscheweyh R., Straube A., Reiser M.F., Hernádi I., László J.F., Ertl-Wagner B.: Static magnetic field exposure in 1.5 and 3 Tesla MR scanners does not influence pain and touch perception in healthy volunteers. *Eur J Pain* (2019)
41. Kasser S., Hartley C., Rickenbacher H., Klarer N., Depoorter A., Datta A.N., Cobo M.M., Goksan S., Hoskin A., Magerl W., Huhn E.A., Green G., Slater R., Wellmann S.: Birth experience in newborn infants is associated with changes in nociceptive sensitivity. *Sci Rep* (2019)
42. Klein T., Magerl W., Hanschmann A., Althaus M., Treede R.-D.: Antihyperalgesic and analgesic properties of the N-methyl-D-aspartate (NMDA) receptor antagonist neramexane in a human surrogate model of neurogenic hyperalgesia. *Eur J Pain* (2008)
43. Krumova E.K., Frettlöh J., Klauenberg S., Richter H., Wasner G., Maier C.: Long-term skin temperature measurements – A practical diagnostic tool in complex regional pain syndrome. *Pain* (2008)
44. Krüger S., Boettger M.K., Hilberg T.: Somatosensory profile of patients with haemophilia. *Haemophilia* (2018)
45. La Cesa S., Sammartino P., Mollica C., Casciulli G., Cruccu G., Truini A., Framarino-dei-Malatesta M.: A longitudinal study of painless and painful intercostobrachial neuropathy after breast cancer surgery. *Neurol Sci* (2018)
46. Landmann G., Stockinger L., Opsommer E.: Usefulness of laser-evoked potentials and quantitative sensory testing in patients with spinal cord injury pain: A multiple case study. *Conference paper* (2014)
47. Larsen I.M., Drewes A.M., Olesen A.E.: The Effect of a Combination of Diclofenac and Methadone Applied as Gel in a Human Experimental Pain Model – A Randomized, Placebo controlled Trial. *Basic Clin Pharmacol Toxicol* (2018)
48. Lee I., Wallraven C., Kong J., Chang D.S., Lee H., Park H.J., Chae Y.: When pain is not only pain: Inserting needles into the body evokes distinct reward-related brain responses in the context of a treatment. *Physiol Behav* (2015)
49. Lee Y.-S., Song H.-S., Kim H., Chae Y.: Altruistic decisions are influenced by the allocation of monetary incentives in a pain-sharing game. *PloS One* (2019)
50. Lenoir C., Plaghki L., Mouraux A., van den Broeke E.N.: Quickly responding C-fibre nociceptors contribute to heat hypersensitivity in the area of secondary hyperalgesia. *J Physiol* (2018)
51. Lieber S., Blankenburg M., Apel K., Hirschfeld G., Hernáiz Driever P., Reindl T.: Small-fiber neuropathy and pain sensitization in survivors of pediatric acute lymphoblastic leukemia. *Eur J Paediatr Neurol* (2018)
52. Lin M.-T., Lee L. J.-H., Chao C.-C., Hsieh S.-T.: Quality of life in polyneuropathy: association with biomarkers of small fiber impairment. *Health Qual Life Outcomes* (2015)
53. Loeser J., Blunk J.A., Ruschulte H., Knitsch J., Karst M., Hucho T.: The beta-adrenergic receptor agonist, terbutaline, reduces UVB induced mechanical sensitization in humans. *Eur J Pain* (2019)

54. Loetsch J., Dimova V., Ultsch A., Lieb I., Zimmermann M., Geisslinger G., Oertel B.G.: A small yet comprehensive subset of human experimental pain models emerging from correlation analysis with a clinical quantitative sensory testing protocol in healthy subjects. *Eur J Pain* (2016)
55. Lo Vecchio S., Andersen H.H., Arendt-Nielsen L.: The time course of brief and prolonged topical 8% capsaicin-induced desensitization in healthy volunteers evaluated by quantitative sensory testing and vasomotor imaging. *Exp Brain Res* (2018)
56. Magerl W., Fuchs P. N., Mayer R. A., Treede R.-D.: Roles of capsaicin-insensitive nociceptors in pain and secondary hyperalgesia. *Brain* (2001)
57. Magerl W., Krumova E., Baron R., Toelle T., Treede R.-D., Maier C.: Reference data for quantitative sensory testing (QST): Refined stratification for age and a novel method for statistical comparison of group data. *Pain* (2010)
58. Maier C., Baron R., Toelle T.R., Binder A., Birbaumer N., Birklein F., Gierthmuehlen J., Flor H., Geber C., Hugel V., Krumova E.K., Landwehrmeyer G.B., Magerl W., Maihofner C., Richter H., Rolke R., Scherens A., Schwarz A., Sommer C., Tronnier V., Ueçeyler N., Valet M., Wasner G., Treede R.-D.: Quantitative sensory testing in the German Research Network on Neuropathic Pain (DFNS): Somatosensory abnormalities in 1236 patients with different neuropathic pain syndromes. *Pain* (2010)
59. Mainka T., Malewicz N.M., Baron R., Enax-Krumova E.K., Treede R.-D., Maier C.: Presence of hyperalgesia predicts analgesic efficiency of topically applied capsaicin 8% in patients with peripheral neuropathic pain, *Eur J Pain* (2016)
60. Mancini F., Bauleo A., Cole J., Lui F., Porro C.A., Haggard P., Iannetti G.D.: Whole-Body Mapping of Spatial Acuity for Pain and Touch. *Ann Neurol* (2014)
61. Manresa J.B., Andersen O.K., Mouraux A., van den Broeke E.N.: High-frequency electrical stimulation induces a long-lasting enhancement of event-related potentials but does not change the perception elicited by intra-epidermal electrical stimuli delivered to the area of increased mechanical pinprick sensitivity. *PLoS One* (2018)
62. Marcuzzi A., Wrigley P.J., Dean C.M., Graham P.L., Hush J.M.: From acute to persistent low back pain: a longitudinal investigation of somatosensory changes using quantitative sensory testing-an exploratory study. *Pain Rep* (2018)
63. Mauermann E., Blum C.A., Buse G.L., Bandschapp O., Ruppen W.: Time course of copeptin during a model of experimental pain and hyperalgesia. *Eur J Anaesthesiol* (2017)
64. Meyer-Frießem C.H., Eitner L.B., Kaisler M., Maier C., Vollert J., Westermann A., Zahn P.K., Avila González C.A.: Perineural injection of botulinum toxin-A in painful peripheral nerve injury – a case-series: pain relief, safety, sensory profile, and sample size recommendation. *Curr Med Res Opin* (2019)
65. Meyer-Frießem C.H., Haag L.M., Schmidt-Wilcke T., Magerl W., Pokatzki-Zahn E.M., Tegenthoff M., Zahn P.K.: Transcutaneous spinal DC stimulation reduces pain sensitivity in humans. *Neurosci Lett* (2015)
66. Moshourab R., Begay V., Wetzel C., Walcher J., Middleton S., Gross M., Lewin G.R.: Congenital deafness is associated with specific somatosensory deficits in adolescents. *Sci Rep*

(2017)

67. Muecke M. , Cuhls H., Radbruch L., Weigl, Rolke R.: Evidence of Heterosynaptic LTD in the Human Nociceptive System: Superficial Skin Neuromodulation Using a Matrix Electrode Reduces Deep Pain Sensitivity. PloS One (2014)
68. Muecke M., Cuhls H., Radbruch L., Baron R., Maier C., Toelle T., Treede R.D., Rolke R.: Quantitative sensorische Testung. Der Schmerz (2014)
69. Muecke M., Cuhls H., Radbruch L., Baron R., Maier C., Toelle T., Treede R.D., Rolke R.: Quantitative sensory testing (QST). Der Schmerz (2015)
70. Naoum J., Reitz S., Krause-Utz A., Kleindienst N., Willis F., Kuniss S., Baumgaertner U., Mancke F., Treede R.D., Schmahl C.: The role of seeing blood in non-suicidal self-injury in female patients with borderline personality disorder. Psych Res (2016)
71. Ohnesorge H., Alpes A., Baron R., Gierthmuehlen J.: Influence of intraoperative remifentanyl and sufentanyl on sensory perception: a randomized trial. Curr Med Res Opin (2016)
72. O'Leary H., Smart K.M., Moloney N.A., Blake C., Doody C.M.: Pain sensitisation and the risk of poor outcome following physiotherapy for patients with moderate to severe knee osteoarthritis: protocol for a prospective cohort study. BMJ Open (2015)
73. O'Neill J., Sikandar S., MacMahon S.B., Dickenson A.H.: Human psychophysics and rodent spinal neurones exhibit peripheral and central mechanisms of inflammatory pain in the UVB and UVB heat rekindling models. J Psychol (2015)
74. Oudejans L., He X., Niesters M., Dahan A., Brines M., vanVelzen M.: Cornea nerve fiber quantification and construction of phenotypes in patients with fibromyalgia. Nature Srep (2016)
75. Paracka L., Kollwe K., Wegner F., Dressler D.: Strategies to decrease injection site pain in botulinum toxin therapy. J Neural Transm (2017)
76. Pereira M.P., Donahue R.R., Dahl J.B., Werner M., Taylor B.K., Werner M.U.: Endogenous Opioid-Masked Latent Pain Sensitization: Studies from Mouse to Human. PloS One (2015)
77. Pereira M.P., Werner M.U., Ringsted T.K., Rowbotham M.C., Taylor B.K., Dahl J.B.: Does Naloxone Reinstates Secondary Hyperalgesia in Humans after Resolution of a Burn Injury? A Placebo-Controlled, Double-Blind, Randomized Cross-Over Study. PloS One (2013)
78. Petersen K.L., Rowbotham M.C.: Quantitative sensory testing scaled up for multicenter clinical research networks: A promising start. Pain (2006)
79. Pfau D.B., Krumova E.K., Treede R.-D., Baron R., Toelle T., Birklein F., Eich W., Geber C., Gerhardt A., Weiss T., Magerl W., Maier C.: Quantitative sensory testing in the German Research Network on Neuropathic Pain (DFNS): Reference data for the trunk and application in patients with chronic postherpetic neuralgia. Pain (2014)
80. Prosenz J., Kloimstein H., Thaler U., Drdla-Schutting R., Sandkühler J., Gustorff B.: A brief, high-dose remifentanyl infusion partially reverses neuropathic pain in a subgroup of post herpetic neuralgia patients. J Clin Neurosci (2017)
81. Puta C., Schulz B., Schoeler S., Magerl W., Gabriel B., Gabriel H., Miltner W., Weiss T.:

- Enhanced sensitivity to punctate painful stimuli in female patients with chronic low back pain. *BMC Neurol* (2012)
82. Puta C., Schulz B., Schoeler S., Magerl W., Gabriel B., Gabriel H., Miltner W., Weiss T.: Somatosensory Abnormalities for Painful and Innocuous Stimuli at the Back and at a Site Distinct from the Region of Pain in Chronic Back Pain Patients. *PloS One* (2013)
 83. Reimer M., Rempe T., Diedrichs C., Baron R., Gerthmühlen J.: Sensitization of the Nociceptive System in Complex Regional Pain Syndrome. *PloS One* (2016)
 84. Ringsted T.K., Enghuss C., Petersen M.A., Werner M.U.: Demarcation of secondary hyperalgesia zones: Punctate stimulation pressure matters. *J Neurosci Methods* (2015)
 85. Roessler B., Paul A., Schuch M., Schulz M., Sycha T., Gustorff B.: Central origin of pinprick hyperalgesia adjacent to an UV-B induced inflammatory skin pain model in healthy volunteers. *Pain* (2013)
 86. Rolke R., Magerl W., Campbell K.A., Schalber C., Caspari S., Birklein F., Treede R.-D.: Quantitative sensory testing: a comprehensive protocol for clinical trials. *Eur J Pain* (2006)
 87. Rolke R., Baron R., Maier C., Tölle T.R., Treede R.-D., Beyer A., Binder A., Birbaumer N., Birklein F., Bötefür I.C., Braune S., Flor H., Hüge V., Klug R., Landwehrmeyer G.B., Magerl W., Maihöfner C., Rolko C., Schaub C., Scherens A., Sprenger, T., Valet M., Wasserka B.: Quantitative sensory testing in the German Research Network on Neuropathic Pain (DFNS): Standardized protocol and reference values. *Pain* (2006)
 88. Rosner J., Hubli M., Hostettler P., Jutzeler C.R., Kramer J.L.K., Curt A.: Not Hot, but Sharp: Dissociation of Pinprick and Heat Perception in Snake Eye Appearance Myelopathy. *Front Neurol* (2018)
 89. Rosner J., Scheuren P. S., Stalder S. A., Curt A., Hubli M.: Pinprick Evoked Potentials – Reliable Acquisition in Healthy Human Volunteers. *Pain Med* (2019)
 90. Schlereth T., Magerl W., Treede R.D.: Spatial discrimination thresholds for pain and touch in human hairy skin. *Pain* (2001)
 91. Schloss N., Shabes P., Kuniss S., Willis F., Treede R.-D., Schmahl C., Baumgärtner U.: Differential perception of sharp pain in patients with borderline personality disorder. *Eur J Pain* (2019)
 92. Schuh-Hofer S., Wodarski R., Pfau D.B., Caspani O., Magerl W., Kennedy J.D., Treede R.D.: One night of total sleep deprivation promotes a state of generalized hyperalgesia: A surrogate pain model to study the relationship of insomnia and pain. *Pain* (2013)
 93. Shabes P., Schloss N., Magerl W., Schmahl C., Treede R.D., Baumgaertner U.: A novel human surrogate model of noninjurious sharp mechanical pain. *Pain* (2016)
 94. Soni A., Batra R.N., Gwilym S.E., Spector T.D., Hart D.J., Arden N.K., Cooper C., Tracey I., Javaid M.K.: Neuropathic features of joint pain. *Arthritis Rheum* (2013)
 95. Springer J.S., Karlsson P., Madsen C.S., Johnsen B., Finnerup N.B., Jensen T.S., Nikolajsen L.: Functional and structural assessment of patients with and without persistent pain after thoracotomy. *Eur J Pain* (2017)

96. Strid J.M.C., Pedersen E.M., Al-Karradi S., Fichtner Bendtsen M.A., Bjorn S., Dam M., Daugaard M., Hansen M.S., Linnet K.D., Borglum J., Soballe K., Fichtner Bendtsen T.: Real-Time Ultrasound/MRI Fusion for Suprasacral Parallel Shift Approach to Lumbosacral Plexus Blockade and Analysis of Injectate Spread: An Exploratory Randomized Controlled Trial. *Bio Med Res Int* (2017)
97. Stiasny-Kolster K., Pfau D.B., Oertel W.H., Treede R.D., Magerl W.: Hyperalgesia and functional sensory loss in restless legs syndrome. *Pain* (2013)
98. Tampin B., Vollert J., Schmid A.B.: Sensory profiles are comparable in patients with distal and proximal entrapment neuropathies, while the pain experience differs. *Curr Med Res Opin* (2018)
99. Uddin Z., Woznowski-Vu A., Flegg D., Aternali A., Wickens R., Wideman T.H.: Evaluating the novel added value of neurophysiological pain sensitivity within the fear-avoidance model of pain. *Eur J Pain*. (2019)
100. van den Broeke E., Mouraux A., Groneberg A., Pfau D.B., Treede R.D., Klein T.: Characterizing pinprick-evoked brain potentials before and after experimentally induced secondary hyperalgesia. *J Neurophysiol* (2015)
101. van den Broeke E., Lenoir C., Mouraux A.: Secondary hyperalgesia is mediated by heat-insensitive A-fibre nociceptors. *J Physiol* (2016)
102. van den Heuvel S.S.A., van der Wal S.E.I., Smedes L.A., Radema S.A., van Alfen N., Vissers K.C.P., Steegers M.A.H.: Intravenous Lidocaine: Old-School Drug, New Purpose—Reduction of Intractable Pain in Patients with Chemotherapy Induced Peripheral Neuropathy. *Pain Res Manag* (2017)
103. Vogel C., Rukwied R., Stockinger L., Schley M., Schmelz M., Schleinzer W., Konrad C.: Functional characterisation of at-level hypersensitivity in patients with spinal cord injury. *J Pain* (2017)
104. Watanabe K., Noma N., Sekine N., Takanezawa D., Hirota C., Eliav E., Imamura Y.: Association of somatosensory dysfunction with symptom duration in burning mouth syndrome. *Clin Oral Invest* (2018)
105. Wettstein M., Eich W., Bieber C., Tesarz J.: Profiles of Subjective Well-being in Patients with Chronic Back Pain: Contrasting Subjective and Objective Correlates. *Pain Med* (2019)
106. Whitaker L. H. R., Reid J., Choa A., McFee S., Seretny M., Wilson J., Elton R. A., Vincent K., Horne A.W.: An Exploratory Study into Objective and Reported Characteristics of Neuropathic Pain in Women with Chronic Pelvic Pain. *PloS One* (2016)
107. Wildgaard K., Ringsted T.K., Hansen H.J., Petersen R.H., Kehlet H.: Persistent postsurgical pain after video-assisted thoracic surgery – an observational study. *Acta Anaesthesiol Scand* (2016)
108. Williams G., Fabrizi L., Meek J., Jackson D., Tracey I., Robertson N., Slater R., Fitzgerald M.: Functional magnetic resonance imaging can be used to explore tactile and nociceptive processing in the infant brain. *Acta Pediatr* (2015)
109. Ziegler E. A., Magerl W., Meyer R.A., Treede R.-D.: Secondary hyperalgesia to punctate mechanical stimuli. *Brain* (1999)