

Publikationen

Priv. -Doz. Dr. Volker Hüge

1: Sachau J, Bruckmueller H, Gierthmühlen J, Magerl W, May D, Binder A, Forstenpointner J, Koetting J, Maier C, Tölle TR, Treede RD, Berthele A, Caliebe A, Diesch C, Flor H, Hüge V, Maihöfner C, Rehm S, Kersebaum D, Fabig SC, Vollert J, Rolke R, Stemmler S, Sommer C, Westermann A, Cascorbi I, Baron R. The serotonin receptor 2A (HTR2A) rs6313 variant is associated with higher ongoing pain and signs of central sensitization in neuropathic pain patients. *Eur JPain*. 2020 Nov 10. doi: 10.1002/ejp.1696. Epub ahead of print. PMID: 33171011.

2: Meidert AS, Kinzinger J, Möhnle P, Pekrul I, Spiekermann K, Thorsteinsdottir J, Briegel J, Hüge V. Perioperative Management of a Patient with Severe Factor V Deficiency Presenting with Chronic Subdural Hematoma: A Clinical Report. *WorldNeurosurg*. 2019 Jul;127:409-413. doi: 10.1016/j.wneu.2019.04.080. Epub 2019 Apr15. PubMed PMID: 30999086.

3: Blassmann U, Hope W, Roehr AC, Frey OR, Vetter-Kerkhoff C, Thon N, Briegel J, Hüge V. CSF penetration of vancomycin in critical care patients with proven or suspected ventriculitis: a prospective observational study. *J Antimicrob Chemother*. 2019 Apr 1;74(4):991-996. doi: 10.1093/jac/dky543. PubMed PMID: 30689877.

4: Lenski M, Biczok A, Hüge V, Forbrig R, Briegel J, Tonn JC, Thon N. Role of Cerebrospinal Fluid Markers for Predicting Shunt-Dependent Hydrocephalus in Patients with Subarachnoid Hemorrhage and External Ventricular Drain Placement. *World Neurosurg*. 2019 Jan;121:e535-e542. doi: 10.1016/j.wneu.2018.09.159. Epub 2018 Sep 27. PubMed PMID: 30268545.

5: Gensichen J, Schultz S, Adrion C, Schmidt K, Schauer M, Lindemann D, Unruh N, Kosilek RP, Schneider A, Scherer M, Bergmann A, Heintze C, Joos S, Briegel J, Scherag A, König HH, Brettschneider C, Schulze TG, Mansmann U, Linde K, Lühmann D, Voigt K, Gehrke-Beck S, Koch R, Zwissler B, Schneider G, Gerlach H, Kluge S, Koch T, Walther A, Atmann O, Oltrogge J, Sauer M, Schnurr J, Elbert T; PICTURE Study Group. Effect of a combined brief narrative exposure therapy with case management versus treatment as usual in primary care for patients with traumatic stress sequelae following intensive care medicine: study protocol for a multicenter randomized controlled trial (PICTURE). *Trials*. 2018 Sep 10;19(1):480. doi: 10.1186/s13063-018-2853-7. PubMed PMID: 30201053; PubMed Central PMCID: PMC6131807.

6: Briegel J, Hüge V, Möhnle P. Hydrocortisone in septic shock: all the questions answered? *J Thorac Dis.* 2018 Jun;10(Suppl 17):S1962-S1965. doi: 10.21037/jtd.2018.04.120.

PubMed PMID: 30023091; PubMed Central PMCID: PMC6036032.

7: Kunz M, Siller S, Nell C, Schniepp R, Dorn F, Hüge V, Tonn JC, Pfister HW, Schichor C. Low-Dose versus Therapeutic Range Intravenous Unfractionated Heparin Prophylaxis in the Treatment of Patients with Severe Aneurysmal Subarachnoid Hemorrhage After Aneurysm Occlusion.

World Neurosurg. 2018 Sep;117:e705-e711.

doi: 10.1016/j.wneu.2018.06.118. Epub 2018 Jun 27. PubMed PMID: 29959066.

8 Hulde N, Köppen M, Gratzke M, Kisch-Wedel H, Brenner P, Hüge V.

[Hemorrhage of the innominate artery during percutaneous dilatation tracheotomy]. *Anaesthesist.* 2018 Jun;67(6):448-451. doi: 10.1007/s00101-018-0439-0. Epub 2018 Apr 18. German.

PubMed PMID: 29671002.

9: Lenski M, Hüge V, Schmutzer M, Ueberschaer M, Briegel J, Tonn JC, Schichor C, Thon N. Inflammatory Markers in Serum and Cerebrospinal Fluid for Early Detection

of External Ventricular Drain-associated Ventriculitis in Patients With Subarachnoid Hemorrhage.

J Neurosurg Anesthesiol. 2019 Apr;31(2):227-233. doi: 10.1097/ANA.0000000000000496. PubMed PMID: 29494414.

10: Marx G; SepNet Critical Care Trials Group. Correction to: Incidence of severe sepsis and septic shock in German intensive care units: the prospective, multicentre INSEP study.

Intensive Care Med. 2018 Jan;44(1):153-156. doi:

10.1007/s00134-017-4980-0. PubMed PMID: 29196793.

11: Rollnik JD, Adolphsen J, Bauer J, Bertram M, Brocke J, Dohmen C, Donauer E, Hartwich M, Heidler MD, Hüge V, Klarmann S, Lorenzl S, Lück M, Mertl-Rötzer M, Mokrusch T, Nowak DA, Platz T, Riechmann L, Schlachetzki F, von Helden A, Wallesch CW, Zergiebel D, Pohl M.

[Prolonged weaning during early neurological and neurosurgical rehabilitation : S2k guideline published by the Weaning Committee of the German Neurorehabilitation Society (DGNR)]. *Nervenarzt.* 2017

Jun;88(6):652-674. doi: 10.1007/s00115-017-0332-0. Review. German. PubMed PMID:

28484823.

12: Lenski M, Hüge V, Briegel J, Tonn JC, Schichor C, Thon N. Interleukin 6 in the Cerebrospinal Fluid as a Biomarker for Onset of Vasospasm and Ventriculitis After Severe Subarachnoid Hemorrhage.

World Neurosurg. 2017 Mar;99:132-139. doi: 10.1016/j.wneu.2016.11.131.

Epub 2016 Dec 5. PubMed PMID: 27931942.

13: Blassmann U, Roehr AC, Frey OR, Vetter-Kerkhoff C, Thon N, Hope W, Briegel J, Hüge V.

Cerebrospinal fluid penetration of meropenem in neurocritical care patients with proven or suspected ventriculitis: a prospective observational study. Crit Care. 2016 Oct 24;20(1):343. PubMed PMID: 27776537; PubMed Central PMCID: PMC5078935.

14: Hüge V. [Critical care management of intracerebral hemorrhage].

Med Klin Intensivmed Notfmed. 2018 Apr;113(3):164-173. doi: 10.1007/s00063-016-0154-z. Epub 2016 May 24. Review. German. PubMed PMID: 27221095.

15: Blassmann U, Roehr AC, Frey OR, Koeberer A, Briegel J, Hüge V, Vetter-Kerkhoff C. Decreased Linezolid Serum Concentrations in Three Critically Ill Patients: Clinical Case Studies of a Potential Drug Interaction between Linezolid and Rifampicin.

Pharmacology. 2016; 98(1-2):51-5. doi: 10.1159/000445194. Epub 2016 Apr 6. PubMed PMID: 27046487.

16: van der Heide V, Woehle T, Ripperger M, Hüge V.

[Acute non-allergic angioedema. Rare cause for intensive care unit admission]. Anaesthesist. 2015 Aug;64(8):569-73. doi: 10.1007/s00101-015-0055-1. Epub 2015 Jul 21. German. PubMed PMID: 26194651.

17: Pellkofer HL, Havla J, Hauer D, Schelling G, Azad SC, Kuempfel T, Magerl W, Hüge V. The major brain endocannabinoid 2-AG controls neuropathic pain and mechanical hyperalgesia in patients with neuromyelitis optica.

PLoS One. 2013 Aug 9;8(8):e71500. doi: 10.1371/journal.pone.0071500. eCollection 2013. PubMed PMID: 23951176; PubMed Central PMCID: PMC3739748.

18: Möhnle P, Hüge V, Polasek J, Weig I, Atzinger R, Kreimeier U, Briegel J.

Survival after cardiac arrest and changing task profile of the cardiac arrest team in a tertiary care center.

ScientificWorldJournal. 2012;2012:294512. doi: 10.1100/2012/294512. Epub 2012 Apr 30. PubMed PMID: 22654585; PubMed Central PMCID: PMC3361298.

19: D'Anastasi M, Japp AS, Hüge V, Schwarz F, Reiser MF, Johnson TR.

[Unusual intensive care course in a patient with head injuries].

Radiologe. 2012

Feb;52(2):163-6. doi: 10.1007/s00117-011-2288-6. German. PubMed PMID: 22271325.

20: Gierthmühlen J, Maier C, Baron R, Tölle T, Treede RD, Birbaumer N, Hüge V, Koroschetz J, Krumova EK, Lauchart M, Maihöfner C, Richter H, Westermann A; German Research Network on Neuropathic Pain (DFNS) study group. Sensory signs in complex regional pain syndrome and peripheral nerve injury. *Pain*. 2012 Apr;153(4):765-74. doi: 10.1016/j.pain.2011.11.009. Epub 2011 Dec 10. PubMed PMID: 22154921.

21: Hüge V, Lauchart M, Magerl W, Beyer A, Moehnle P, Kaufhold W, Schelling G, Azad SC. Complex interaction of sensory and motor signs and symptoms in chronic CRPS. *PLoS One*. 2011 Apr 29;6(4):e18775. doi: 10.1371/journal.pone.0018775. PubMed PMID: 21559525; PubMed Central PMCID: PMC3084711.

22: Binder A, May D, Baron R, Maier C, Tölle TR, Treede RD, Berthele A, Faltraco F, Flor H, Gierthmühlen J, Haenisch S, Hüge V, Magerl W, Maihöfner C, Richter H, Rolke R, Scherens A, Uçeyler N, Ufer M, Wasner G, Zhu J, Cascorbi I. Transient receptor potential channel polymorphisms are associated with the somatosensory function in neuropathic pain patients. *PLoS One*. 2011 Mar 29;6(3):e17387. doi: 10.1371/journal.pone.0017387. PubMed PMID: 21468319; PubMed Central PMCID: PMC3066165.

23: Hüge V, Baschnegger H, Moehnle P, Peraud A, Briegel J. [Amitriptyline-induced cardiac arrest : treatment with fat emulsion]. *Anaesthesist*. 2011 Jun;60(6):541-5. doi: 10.1007/s00101-011-1848-5. Epub 2011 Mar 24. German. PubMed PMID: 21437755.

24: Geber C, Klein T, Azad S, Birklein F, Gierthmühlen J, Hüge V, Lauchart M, Nitzsche D, Stengel M, Valet M, Baron R, Maier C, Tölle T, Treede RD. 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 Mar;152(3):548-56. doi: 10.1016/j.pain.2010.11.013. Epub 2011 Jan 14. PubMed PMID: 21237569.

25: Hüge V, Müller E, Beyer A, Kraft E, Azad SC. [Patients with chronic pain syndromes. Impact of an individual outpatient therapy program on pain and health-related quality of life]. *Schmerz*. 2010 Sep;24(5):459-67. doi: 10.1007/s00482-010-0968-1. German. PubMed PMID: 20821234.

26: Maier C, Baron R, Tölle TR, Binder A, Birbaumer N, Birklein F, Gierthmühlen J, Flor H, Geber C, Hüge V, Krumova EK, Landwehrmeyer GB, Magerl W, Maihöfner C,

Richter H, Rolke R, Scherens A, Schwarz A, Sommer C, Tronnier V, Uçeyler N, Valet

M, Wasner G, Treede RD.

Quantitative sensory testing in the German Research Network on Neuropathic Pain (DFNS): somatosensory abnormalities in 1236 patients with different neuropathic pain syndromes. *Pain*. 2010 Sep;150(3):439-50. doi: 10.1016/j.pain.2010.05.002. PubMed PMID: 20627413.

27: Huge V, Lauchart M, Magerl W, Schelling G, Beyer A, Thieme D, Azad SC.

Effects of low-dose intranasal (S)-ketamine in patients with neuropathic pain.

Eur J Pain. 2010 Apr;14(4):387-94. doi: 10.1016/j.ejpain.2009.08.002. Epub 2009 Sep 3. PubMed PMID: 19733106.

28: Kaufmann I, Hauer D, Huge V, Vogeser M, Campolongo P, Chouker A, Thiel M,

Schelling G.

Enhanced anandamide plasma levels in patients with complex regional pain syndrome following traumatic injury: a preliminary report.

Eur Surg Res.2009;43(4):325-9. doi: 10.1159/000235870. Epub 2009 Sep 2. PubMed PMID: 19729930.

29: Huge V, Lauchart M, Förderreuther S, Kaufhold W, Valet M, Azad SC, Beyer A, Magerl W.

Interaction of hyperalgesia and sensory loss in complex regional pain syndrome type I (CRPS I).

PLoS One. 2008 Jul 23;3(7):e2742. doi:

10.1371/journal.pone.0002742. PubMed PMID: 18648647; PubMed Central PMCID:

PMC2453233.

30: Huge V, Rammes G, Beyer A, Zieglgänsberger W, Azad SC.

Activation of kappa opioid receptors decreases synaptic transmission and inhibits long-term potentiation in the basolateral amygdala of the mouse.

Eur J Pain. 2009 Feb;13(2):124-9. doi: 10.1016/j.ejpain.2008.03.010. Epub 2008 Apr 24. PubMed PMID: 18439862.

31: Kaufmann I, Eisner C, Richter P, Huge V, Beyer A, Chouker A, Schelling G, Thiel M.

Lymphocyte subsets and the role of TH1/TH2 balance in stressed chronic pain patients.

Neuroimmunomodulation. 2007;14(5):272-80. doi: 10.1159/000115041. Epub 2008 Feb 1. PubMed PMID: 18239379.

32: Kaufmann I, Eisner C, Richter P, Huge V, Beyer A, Chouker A, Schelling G, Thiel M. Psychoneuroendocrine stress response may impair neutrophil function in complex regional pain syndrome.

Clin Immunol. 2007 Oct;125(1):103-11. Epub 2007Aug 16. PubMed PMID: 17702656.

33: Hüge V, Schloderer U, Steinberger M, Wuenschmann B, Schöps P, Beyer A, Azad SC. Impact of a functional restoration program on pain and health-related quality of life in patients with chronic low back pain.

Pain Med. 2006 Nov-Dec;7(6):501-8. PubMed PMID: 17112363.

34: Rolke R, Baron R, Maier C, Tölle TR, Treede RD, Beyer A, Binder A, Birbaumer

N, Birklein F, Bötefür IC, Braune S, Flor H, Hüge V, Klug R, Landwehrmeyer GB, 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 Aug;123(3):231-43. Epub 2006 May 11. Erratum in: Pain. 2006 Nov;125(1-2):197.

PubMed PMID: 16697110.

35: Azad SC, Hüge V, Schöps P, Hilf C, Beyer A, Dodt HU, Rammes G, Zieglgänsberger W.

[Endogenous cannabinoid system. Effect on neuronal plasticity and pain memory].

Schmerz. 2005 Nov;19(6):521-7. German. PubMed PMID: 16328555.

36: Lang PM, Hüge V, Mast G, Habler O.

Survival of acute hemorrhage and extreme dilutional anemia in the presence of high-graded aortic valve stenosis.

Acta Anaesthesiol Scand. 2004 Apr;48(4):521. PubMed PMID: 15025619.

37: Hüge V, Schelling G.

[More than just the emperor's clothes. From Sudeck's disease to complex regional pain syndrome].

Anaesthesist. 2003 Oct;52(10):881. German. PubMed PMID: 14628795.

38: Buerkle H, Hüge V, Wolfgart M, Steinbeck J, Mertes N, Van Aken H, Prien T.

Intra-articular clonidine analgesia after knee arthroscopy.

Eur J Anaesthesiol. 2000 May;17(5):295-9. PubMed PMID: 10926069.