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## Primære forskningsområder

Human headache models; diagnostic tests in headache research; non-invasive neuroimaging in headache research.

## Aktuel forskning

Investigating novel headache provoking substances and myofascial pain in primary headache disorders; investigating novel imaging methods and diagnostic test in headache.

## Mulige interessekonflikter

None.

## Ansættelse

### Consultant Neurologist

MD, PhD, DMSci, Associate Professor  
Afdeling for Hjerne- og Nervesygdomme  
Region Hovedstaden  
1 jan. 2015 → present

## Publikationer

**The role of community pharmacists in managing common headache disorders, and their integration within structured headache services: position statement on behalf of the European Headache Federation (EHF) and Lifting The Burden (LTB: the Global Campaign against Headache), with the formal endorsement of the International Pharmaceutical Federation**

BaniHani, H., Lampl, C., MaassenvandenBrink, A., Amin, F. M., Carlsen, L. N., Coppola, G., Deligianni, C., Gil-Gouveia, R., Holland, P. R., Husøy, A. K., Jensen, R., Plácido, M., Reuter, U., Ryliszkienė, K., Sanchez Del Río, M., Schytz, H. W., Tronvik, E., Versijpt, J., Steiner, T. J. & European Headache Federation, the Norwegian Centre for Headache Research (NorHead) and Lifting The Burden: the Global Campaign against Headache, 6 maj 2025, I: The Journal of Headache and Pain Online. 26, 1, 100.

**Trigeminal neuralgia and its comorbidities: a nationwide disease trajectory study**

Worm, J., Jørgensen, I. F., Davidsson, Ó. B., Hjalgrim, H., Röder, T., Ostrowski, S. R., Pedersen, O. B., Erikstrup, C., Bruun, M. T., Jensen, B. A., Sørensen, E., Ullum, H., Björnsdóttir, G., Thorgeirsson, T., Stefánsson, H., Sveinsson, Ó. Á., Stefánsson, K., Schytz, H. W., Bendtsen, L. & Brunak, S. & 3 flere, Hansen, T. F., Maarbjer, S. & DBDS Genomic Consortium, 1 apr. 2025, I: Pain. 166, 4, s. 879-887 9 s.

**No evidence of intracranial hypotension in persistent post-traumatic headache: A magnetic resonance imaging study**

Schytz, H. W., Smilkov, E., Carroll, I., Dobrocky, T., Al-Khazali, H. M., Tolnai, D., Jensen, R. H. & Amin, F. M., apr. 2025, I: Cephalalgia : an international journal of headache. 45, 4, s. 3331024251325556

**Methodological challenges in using screening tools for depression in migraine: A systematic review**

Asheer, J., Ali, F., Hilker, R., Videbech, P. & Schytz, H. W., feb. 2025, I: Cephalalgia : an international journal of headache. 45, 2, s. 3331024251317635

**Spontaneous intracranial hypotension - Neurological symptoms, diagnosis, and outcome**

Dalby, S. W., Smilkov, E. A., Santos, S. G., Olesen, V., Skjolding, A. D., Vukovic-Cvetkovic, V., Jensen, R. H. & Schytz, H. W., jan. 2025, I: European Journal of Neurology. 32, 1, e16579.

### **The Evidence for Diet as a Treatment in Migraine-A Review**

Nguyen, K. V. & Schytz, H. W., 9 okt. 2024, I: *Nutrients*. 16, 19, 3415.

### **Systematic review and meta-analysis of Neck Disability Index and Numeric Pain Rating Scale in patients with migraine and tension-type headache**

Al-Khazali, H. M., Al-Sayegh, Z., Younis, S., Christensen, R. H., Ashina, M., Schytz, H. W. & Ashina, S., aug. 2024, I: *Cephalalgia : an international journal of headache*. 44, 8, s. 3331024241274266

### **Hypersensitivity to CGRP as a predictive biomarker of migraine prevention with erenumab**

Al-Khazali, H. M., Ashina, H., Christensen, R. H., Wiggers, A., Rose, K., Iljazi, A., Amin, F. M., Ashina, M., Snellman, J., Maio-Twofoot, T. & Schytz, H. W., jun. 2024, I: *Cephalalgia : an international journal of headache*. 44, 6, s. 3331024241258734

### **Challenges in the management of new daily persistent headache at a tertiary headache center-A retrospective real-world evidence study**

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### **Pericranial Muscle Stiffness, Pain Thresholds, and Tenderness during a Treatment Cycle of OnabotulinumtoxinA for Chronic Migraine Prevention**

Dalby, S. W., Hvedstrup, J., Carlsen, L. N., Ashina, S., Bendtsen, L. & Schytz, H. W., 3 feb. 2024, I: *Diagnostics*. 14, 3, 330.

### **Does physical activity and inflammation mediate the job stress-headache relationship? A sequential mediation analysis in the ELSA-Brasil study**

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### **Serum calcitonin gene-related peptide in patients with persistent post-concussion symptoms, including headache: a cohort study**

Eggertsen, P. P., Palmfeldt, J., Schytz, H. W., Hay, D., Olsen, R. K. J. & Nielsen, J. F., 2024, I: *Journal of Neurology*. 271, 5, s. 2458-2472 15 s.

### **Spontaneous Intracranial Hypotension: Long-Term Follow-Up**

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### **Calcitonin gene-related peptide causes migraine aura**

Al-Khazali, H. M., Ashina, H., Wiggers, A., Rose, K., Iljazi, A., Christensen, R. H., Schytz, H. W., Amin, F. M. & Ashina, M., dec. 2023, I: *Journal of Headache and Pain*. 24, 1, 124.

### **An exploratory analysis of clinical and sociodemographic factors in CGRP-induced migraine attacks: A REFORM study**

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### **Evaluating Headache and Facial Pain in a Headache Diagnostic Laboratory: Experiences from the Danish Headache Center**

Schytz, H. W. & Hvedstrup, J., 14 aug. 2023, I: *Diagnostics*. 13, 16, 2671.

### **Comparison of the blink reflex in classical and idiopathic trigeminal neuralgia**

Bjerring, B., Maarbjerg, S., Heinskou, T., Bendtsen, L., Nikolic, M., Grillo, V., Icco, R. D. & Schytz, H. W., jul. 2023, I: *Cephalalgia : an international journal of headache*. 43, 7, s. 3331024231191136

**Fundus imaging and perimetry in patients with idiopathic intracranial hypertension - an intermethod and interrater validity study**

Rissan, Z., Hansen, N. S., Carlsen, L. N., Korsbaek, J. J., Jensen, R. H., Hamann, S. & Winther Schytz, H., jul. 2023, I: European Journal of Neurology. 30, 7, s. 1973-1982 10 s.

**White matter hyperintensities and cerebral microbleeds in persistent post-traumatic headache attributed to mild traumatic brain injury: a magnetic resonance imaging study**

Ashina, H., Christensen, R. H., Al-Khazali, H. M., Iljazi, A., Tolnai, D., Eigenbrodt, A. K., Larsson, H. B. W., Schytz, H. W., Lindberg, U. & Amin, F. M., 24 feb. 2023, I: Journal of Headache and Pain. 24, 1, 15.

**Adding eptinezumab to brief patient education to treat chronic migraine and medication-overuse headache: Protocol for RESOLUTION-A phase 4, multinational, randomized, double-blind, placebo-controlled study**

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**Cortical hemodynamic response during cognitive Stroop test in acute stroke patients assessed by fNIRS**

Heiberg, A. V., Simonsen, S. A., Schytz, H. W. & Iversen, H. K., 2023, I: NeuroRehabilitation. 52, 2, s. 199-217 19 s.

**Sensitivity of the SNNOOP10 list in the high-risk secondary headache detection**

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**The role of cytokines in migraine: A systematic review**

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**Telephone follow-up on treatment and patient satisfaction at a Danish tertiary headache center: A prospective study**

Carlsen, L. N., Bendtsen, L., Jensen, R. H. & Schytz, H. W., nov. 2022, I: Headache. 62, 10, s. 1312-1321 10 s.

**CGRP-induced migraine-like headache in persistent post-traumatic headache attributed to mild traumatic brain injury**

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**A history of International Headache Society grants and their impact on headache careers**

Puledda, F., Wang, S.-J., Diener, H.-C. & Schytz, H. W., okt. 2022, I: Cephalalgia : an international journal of headache. 42, 11-12, s. 1288-1293 6 s.

**Transorbital sonography: A non-invasive bedside screening tool for detection of pseudotumor cerebri syndrome**

Korsbæk, J. J., Hagen, S. M., Schytz, H. W., Vukovic-Cvetkovic, V., Wibroe, E. A., Hamann, S. & Jensen, R. H., okt. 2022, I: Cephalalgia : an international journal of headache. 42, 11-12, s. 1116-1126 11 s.

**Treatment experiences and clinical characteristics in migraine and tension-type headache patients before the first visit to a tertiary headache center**

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**Total tenderness score and pressure pain thresholds in persistent post-traumatic headache attributed to mild traumatic brain injury**

Ashina, H., Al-Khazali, H. M., Iljazi, A., Ashina, S., Amin, F. M. & Schytz, H. W., 8 aug. 2022, I: *Journal of Headache and Pain*. 23, 1, s. 1-8 8 s., 96.

#### **Prevalence of neck pain in migraine: A systematic review and meta-analysis**

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#### **Low adherence to the guideline for the acute treatment of migraine**

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#### **Airplane flights triggering spontaneous intracranial hypotension: Observations from the Danish headache centre**

Vukovic-Cvetkovic, V. & Schytz, H. W., 2022, I: *Acta Neurologica Scandinavica*. 146, 1, s. 92-98 7 s.

#### **Psychiatric Sequelae Following Whiplash Injury: A Systematic Review**

Al-Khazali, H. M., Ashina, H., Iljazi, A., Al-Sayegh, Z., Lipton, R. B., Ashina, M., Ashina, S. & Schytz, H. W., 2022, I: *Frontiers in Psychiatry*. 13, s. 1-9 9 s., 814079.

#### **Diagnosis and management of migraine in ten steps**

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#### **Hypersensitivity to calcitonin gene-related peptide in chronic migraine**

Iljazi, A., Ashina, H., Zhuang, Z. A., Lopez Lopez, C., Snellman, J., Ashina, M. & Schytz, H. W., maj 2021, I: *Cephalalgia : an international journal of headache*. 41, 6, s. 701-710 10 s.

#### **Author Response: Clinical Characterization of Delayed Alcohol-Induced Headache: A Study of 1,108 Participants**

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#### **Reference programme: diagnosis and treatment of headache disorders and facial pain. Danish Headache Society, 3rd edition, 2020**

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#### **Validation of the Temporomandibular Disorder Pain Screener in a Specialized Headache Center**

van der Meer, H. A., Bakke, M., Schytz, H. W. & Madsen, B. K., 1 mar. 2021, I: *Journal of oral & facial pain and headache*. 35, 2, s. 150-156 7 s.

#### **Green Flags and headache: A concept study using the Delphi method**

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#### **Delayed headache after COVID-19 vaccination: a red flag for vaccine induced cerebral venous thrombosis**

García-Azorín, D., Do, T. P., Gantenbein, A. R., Hansen, J. M., Souza, M. N. P., Obermann, M., Pohl, H., Schankin, C. J., Schytz, H. W., Sinclair, A., Schoonman, G. G. & Kristoffersen, E. S., 2021, I: *Journal of Headache and Pain*. 22, 1, s. 108 108.

### **Hovedpine og ansigtssmerter**

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### **Nonpharmacological Treatment of Persistent Postconcussion Symptoms in Adults: A Systematic Review and Meta-analysis and Guideline Recommendation**

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### **Pain sensitivity in men who have never experienced a headache: an observer blinded case control study**

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### **Post-traumatic headache attributed to traumatic brain injury: classification, clinical characteristics, and treatment**

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### **Psychiatric and cognitive comorbidities of persistent post-traumatic headache attributed to mild traumatic brain injury**

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### **Interrelations between migraine-like headache and persistent post-traumatic headache attributed to mild traumatic brain injury: a prospective diary study**

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### **Low plasma levels of calcitonin gene-related peptide in persistent post-traumatic headache attributed to mild traumatic brain injury**

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### **Ictal neck pain investigated in the interictal state - a search for the origin of pain**

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### **Increased neck muscle stiffness in migraine patients with ictal neck pain: A shear wave elastography study**

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**Dizziness and vertigo during the prodromal phase and headache phase of migraine: A systematic review and meta-analysis**

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**Efficacy, tolerability, and safety of erenumab for the preventive treatment of persistent post-traumatic headache attributed to mild traumatic brain injury: an open-label study**

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**Hovedpine**

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**Hypersensitivity to Calcitonin Gene-Related Peptide in Post-Traumatic Headache**

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**Post-Traumatic Stress Disorder After Traumatic Brain Injury-A Systematic Review and Meta-Analysis**

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**Post-traumatic stress disorder attributed to traumatic brain injury in children - a systematic review**

Iljazi, A., Ashina, H., Al-Khazali, H. M., Ashina, M., Winther Schytz, H. & Ashina, S., 2020, I: *Brain Injury*. 34, 7, s. 857-863 7 s.

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**Volume of the rectus capitis posterior minor muscle in migraine patients: a cross-sectional structural MRI study**

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**Post-traumatic headache: epidemiology and pathophysiological insights**

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Schytz, H. W., Amin, F. M., Selb, J. & Boas, D. A., apr. 2019, I: *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*. 39, 4, s. 633-649 17 s.

**Red and orange flags for secondary headaches in clinical practice: SNNOOP10 list**

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