

## Peer-Reviewed Publikationen

Kónya S, Natarajan TS, **Allouch H**, Nahleh KA, Dogheim OY, Boehm H. [Convolutional neural network-based automated segmentation and labeling of the lumbar spine X-ray](#). J Craniovertebr Junction Spine. 2021 Apr-Jun;12(2):136-143. doi: 10.4103/jcvjs.jcvjs\_186\_20. Epub 2021 Jun 10. PubMed PMID: 34194159; PubMed Central PMCID: PMC8214241.

Alhashash M, **Allouch H**, Boehm H, Shousha M. [Results of Four-Level Anterior Cervical Discectomy and Fusion Using Stand-Alone Interbody Titanium Cages](#). Asian Spine J. 2021 Mar 11;. doi: 10.31616/asj.2020.0463. [Epub ahead of print] PubMed PMID: 33687861.

**Allouch H**, Nahleh KA, Mursch K, Shousha M, Alhashash M, Boehm H. [Symptomatic Intracranial Hemorrhage after Dural Tear in Spinal Surgery - a Series of 10 Cases and Review of the Literature](#). World Neurosurg. 2021 Feb 25;. doi: 10.1016/j.wneu.2021.02.071. [Epub ahead of print] PubMed PMID: 33640532.

**Allouch H**, Kassem MES, Behnke-Mursch J, Mursch K. [Safety and Accuracy of Ultrasound-guided Burr hole Brain Abscess Aspiration](#). J Neurol Surg A Cent Eur Neurosurg. 2021 Feb 22;. doi: 10.1055/s-0040-1720989. [Epub ahead of print] PubMed PMID: 33618413.

**Allouch H**, Kónya S, Shousha M, Boehm H. Criteria for radiological evaluation of incorporation of stand-alone expandable cervical vertebral body replacement devices. A technical note and preliminary report. Int J Spine Res (2020) 2(1): 046-050. DOI: [10.17352/ijsr.000013](#)

Shousha M, Alhashash M, **Allouch H**, Boehm H. [Reoperation rate after anterior cervical discectomy and fusion using standalone cages in degenerative disease: a study of 2,078 cases](#). Spine J. 2019 Dec;19(12):2007-2012. doi: 10.1016/j.spinee.2019.08.003. Epub 2019 Aug 9. PubMed PMID: 31404654.

Maiseyeu I, **Allouch H**, Behnke-Mursch J, Mursch K. [Retrieval of a Subcutaneous Needle using High-frequency Ultrasound](#). J Neurol Surg A Cent Eur Neurosurg. 2019 Jul;80(4):318-319. doi: 10.1055/s-0038-1676593. Epub 2019 Apr 24. PubMed PMID: 31018227.

Shousha M, Alhashash M, **Allouch H**, Boehm H. [Surgical treatment of type II odontoid fractures in elderly patients: a comparison of anterior odontoid screw fixation and posterior atlantoaxial fusion using the Magerl-Gallie technique](#). Eur Spine J. 2019 Mar 16;. doi: 10.1007/s00586-019-05946-x. [Epub ahead of print] PubMed PMID: 30879184.

**Allouch H**, Shousha M, Böhm H. [\[Surgical management of ankylosing spondylitis \(Bechterew's disease\)\]](#). Z Rheumatol. 2017 Dec;76(10):848-859. doi: 10.1007/s00393-017-0400-7. Review. PubMed PMID: 29101454.

**Allouch H**, Pfeifenbring S, Behnke-Mursch J, Halatsch ME, Mursch K. [Real-time ultrasound monitoring during intracranial needle biopsies: operative results and detection of complications in 100 cases](#). World Neurosurg. 2014 Jul-Aug;82(1-2):202-6. doi: 10.1016/j.wneu.2013.01.019. Epub 2013 Jan 8. PubMed PMID: 23313261.

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**Allouch H**, Behnke-Mursch J, Mursch K. [Intra-operative diagnosis and image-guided management of an intracerebral haemorrhage occurring during ultrasound-guided biopsy](#). Acta Neurochir (Wien). 2007 Jan;149(1):91-3; discussion 93. doi: 10.1007/s00701-006-1043-7. Epub 2006 Nov 30. PubMed PMID: 17131069.

Sarkisova K Yu, Khonicheva N M, **Allouch H**. Behavioral rutes of the Wag/Rij line rats with genetic disposition to epilepsy of the absence type. Russian Journal of Physiology 86.5, 608-611. 2000.

## Non-Peer-Reviewed Publikationen

**Allouch H**, Abu Nahleh K. Möglichkeiten zur Reduktion der Zugangsmorbidität in der Wirbelsäulen-chirurgie. <https://atos-kliniken.com/LP/atos-news/moeglichkeiten-zur-reduktion-der-zugangsmorbiditaet-in-der-wirbelsaeulen-chirurgie/>

**Allouch H**, Abu Nahleh K. Der traumatische Bandscheibenvorfall. <https://news.atos-kliniken.com/der-traumatische-bandscheibenvorfall/>

**Allouch H:** Tumoren der Wirbelsäule. Ärzteblatt Thüringen 29. Jahrgang 11/2018, ISSN 0863-5412. [https://www.aerzteblatt-thueringen.de/pdf/thu1811\\_617.pdf](https://www.aerzteblatt-thueringen.de/pdf/thu1811_617.pdf)

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Wirbelsäulenverletzungen. Ärzteblatt Thüringen 29. Jahrgang 10/2018, ISSN 0863-5412. [https://www.aerzteblatt-thueringen.de/pdf/thu1810\\_547.pdf](https://www.aerzteblatt-thueringen.de/pdf/thu1810_547.pdf)

## Kongressbeiträge

Markthaler L, Alhashash M, Abu Nahleh K, Shousha M, Boehm H, **Allouch H**:

Intraoperative Cutibacterium acnes in infectious spondylodiscitis - A case-control-study, Eurospine 19-21 October 2022 Milan/Italy. Brain and Spine, Volume 2, Supplement 1, 2022.

**Allouch H**, Abu Nahleh K, Shousha M, Alhashash M, Böhm H.

Efficacy and Safety of a Motion Preserving Technique for the Treatment of Lateral Soft Disc-Herniations of the Cervical Spine through an Anterior Transosseous Approach – Analysis of 166 Cases. SCOLIOSIS RESEARCH SOCIETY, 27th International Meeting on Advanced Spine Techniques (IMAST) July 6 through December 31, 2020.

**Allouch H**, Abu Nahleh K, Mursch K, Shousha M, Alhashash M, Böhm H.

Intrakranielle Komplikationen nach wirbelsäulen-chirurgischen Eingriffen- Intracranial complications after spinal surgery. 71. Jahrestagung der Deutschen Gesellschaft für Neurochirurgie vom 24.–24. Juni 2020 in virtueller Form.

**Allouch H**, Abu Nahleh K, Shousha M, Böhm H.

Wie lässt sich die knöcherne Integration eines expandierbaren zervikalen Wirbelkörperersatzimplantates bestimmen? 14. Deutscher Wirbelsäulenkongress, 28.– 30. November 2019 I München.

Alhashash H, Alsengaby H, Bahrami R, Shousha M, **Allouch H**, Böhm H.

Auswertung der Ergebnisse von translaminaren (transossär) minimalinvasiven Zugang für kranial umschlagene Bandscheibenvorfälle – eine Fallserie von 450 Patienten. 14 Deutscher Wirbelsäulenkongress 28.– 30. November 2019 I München.

Alhashash M, Mosafer M A, Shousha M, **Allouch H**, Böhm H.

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**Allouch H**, Abu Nahleh K, Mursch K, Shousha M, Alhashash M, Böhm H.

Intrakranielle Komplikationen nach lumbaler Wirbelsäulen-chirurgie: eine Analyse von 12 Fällen. 45. Jahrestagung der Sektion intrakranieller Druck, Hirnblutung und Hydrozephalus (SIDHH) der DGNC, 8.-9. November 2019 I Mainz.

Alhashash M, Shousha M, **Allouch H**, Bahrami R, Boehm H.

Results of the surgical treatment of atlantoaxial metastatic tumours; a single centre case series of 35 consecutive patients. Eurospine 2019.

Abu Nahleh K, **Allouch H**, Shousha M, Alhashash M, Böhm H.

Complications following cervical spine surgery in patients with Parkinson's disease – an analysis of 21 patients. 35<sup>th</sup> Annual Meeting Cervical Spine Resarch Society –Europe 22–24 May 2019, Rome/Italy.

**Allouch H**, Abu Nahleh K, Shousha M, Dhainy A, Alhashash M, Gendy H, Alkharsawi M, Böhm H.

Epidemiology and surgical management of tumors of the cervical spine: review of 241 cases. 35<sup>th</sup> Annual Meeting Cervical Spine Resarch Society –Europe 22–24 May 2019, Rome/Italy.

Alhashash M, Bahrami R, Shousha M, Gendy H, **Allouch H**, Böhm H.

Analysis of the Indications, surgical profile, and complications of Occipitocervical Fusion; retrospective review of 230 patients long-term follow up. 35<sup>th</sup> Annual Meeting Cervical Spine Resarch Society –Europe 22–24 May 2019, Rome/Italy.

Alhashash M, Alkahrshawi M, Shousha M, **Allouch H**, Böhm H.

Incidence of infection and possible risk factors after anterior subaxial cervical spine surgery; Review of 4897 consecutive procedures. 34<sup>th</sup> Annual Meeting Cervical Spine Resarch Society –Europe 9–11 May 2018 • Lisbon/Portugal.

Alhashash M, Shousha M, **Allouch H**, Gendy H, Böhm H.

Surgical management of Odontoid fractures in elderly patients; operative profile and surgical outcome of odontoid screw fixation in comparison with posterior atlantoaxial (C1-C2) fusion. Conference: DWG (German Society of spine Surgeons), November 2017, Stuttgart/Germany.

Alhashash M, Shousha M, **Allouch H**, Gendy H, Böhm H.

Four-level Standalone cage fusion in cervical spondylosis; analysis of 130 patients' long term clinical and radiological follow up. Conference: DWG (German Society of spine Surgeons), November 2017, Stuttgart/Germany.

Alhashash M, Shousha M, **Allouch H**, Boehm H.

Odontoid fractures in multi-morbid elderly patients – percutaneous posterior transarticular atlantoaxial fixation – a prospective study. 33<sup>rd</sup> Annual Meeting Cervical Spine Resarch Society –Europe 24–26, May 2017. Salzburg/Austria.

Alhashash M, Shousha M, **Allouch H**, Gendy H, Boehm H.

Re-operation rate after anterior cervical fusion using standalone cages indegenerative cervical spondylosis based on 2078 patients – long term follow-up. 33<sup>rd</sup> Annual Meeting Cervical Spine Resarch Society –Europe 24–26, May 2017. Salzburg/Austria.

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Removal of foraminal cervical disc prolapse from anterior avoiding fusion or artifical without touching the disc – longterm results. 33<sup>rd</sup> Annual Meeting Cervical Spine Resarch Society –Europe 24–26, May 2017. Salzburg/Austria.

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Multi-level non-contiguous spinal infections. Series of 77 Cases in a single Institution. Conference Paper: DWG. At Frankfurt, Germany Dec. 2013

Siam A E, Böhm H, Hamdan A, Sadaddin H, **Allouch H**.

Adjacent segment infection after sterile spine surgery. A series of 23 cases and review of literature: Conference Paper: October 2013 Eurospine. At Liverpool, UK, Volume: 2013

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Clinical aspects, operative procedure and outcome in 26 patients suffering from Chiari malformations. International Symposium Syringomyelia 9-11 Dezember 2010, Berlin

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Normaldruckhydrocephalus – Problemfall Shunt. ANIM2009, 26. Arbeitstagung für Neurologische Intensiv- und Notfallmedizin, 22. – 24. Januar 2009, Leipzig, Postersitzung, P284.

**Allouch H**, Schneider B, Behnke-Mursch J, Mursch K.

Ultraschallgesteuerte Bohrlochbiopsien bei zentralen Lymphomen.

Jahrestagung der Sektion „Neuroendoskopie, Neuronavigation und intraoperative Bildgebung“. 16. – 17. Mai 2008, Göttingen.

Mursch K, **Allouch H**, Behnke-Mursch J.

Ultrasound-guided needle biopsies in deep cerebral lesions.

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