

## Peer-review publications

\*Fernández-de-Las-Peñas C, Palacios-Ceña M, **Castaldo M**, Wang K, Guerrero-Peral Á, Catena A et al. Variables associated with use of symptomatic medication during a headache attack in individuals with tension-type headache: a European study. *BMC Neurology*. 2020 feb 1;20(1). 43. <https://doi.org/10.1186/s12883-020-1624-8>

Di Antonio S, **Castaldo M**, Finocchi C, Torelli P, Arendt-Nielsen L. Correlation between Sensitization of Trigeminal Nucleus and Functionality of Deep Cervical Flexor Muscles. 2019. Abstract fra Pain in Europe, Congress of the European Pain Federation, EFIC, Valencia, Spanien.

Di Antonio S, **Castaldo M**, Finocchi C, Torelli P, Arendt-Nielsen L. Sensitization of Trigeminal Nucleus in Subjects with Migraine Interictally. 2019. Abstract fra Pain in Europe, Congress of the European Pain Federation, EFIC, Valencia, Spanien.

Fuensalida-Novo S, Parás-Bravo P, Jiménez-Antona C, **Castaldo M**, Wang K, Benito-González E et al. Gender differences in clinical and psychological variables associated with the burden of headache in tension-type headache. *Women & Health*. 2019;1-12. <https://doi.org/10.1080/03630242.2019.1696440>

Palacios-Ceña M, Fuensalida-Novo S, **Castaldo M**, Finocchi C, Torelli P, Arendt-Nielsen L. Sleep Quality is Associated with the Burden of Headache in Men, but not in Women, with Tension Type Headache. 2019. Abstract fra Pain in Europe, Congress of the European Pain Federation, EFIC, Valencia, Spanien.

\*Palacios-Ceña M, Wang K, **Castaldo M**, Ordás-Bandera C, Torelli P, Arendt-Nielsen L et al. Variables Associated with the Use of Prophylactic Amitriptyline Treatment in Patients with Tension Type Headache. *The Clinical Journal of Pain*. 2019 apr;35(4):315-320. <https://doi.org/10.1097/AJP.0000000000000685>

\***Castaldo M**, Catena A, Fernández-de-Las-Peñas C, Arendt-Nielsen L. Widespread Pressure Pain Hypersensitivity, Health History, and Trigger Points in Patients with Chronic Neck Pain: A Preliminary Study. *Pain Medicine*. 2019 dec 1;20(12):2516-2527. <https://doi.org/10.1093/pm/pnz035>

**Castaldo M**, Catena A, Chiarotto A, Villafañe JH, Fernández-de-Las-Peñas C, Arendt-Nielsen L. Association between clinical and neurophysiological outcomes in patients with mechanical neck pain and whiplash-associated disorders. *The Clinical Journal of Pain*. 2018 feb;34(2):95-103. <https://doi.org/10.1097/AJP.0000000000000532>

Fernández-de-las-Peñas C, Palacios-Ceña M, Fuensalida-Novo S, **Castaldo M**, Wang K, Arendt-Nielsen L. The number of active and latent trigger points is associated with restricted cervical range of motion in tension type headache. 2018. Abstract fra 12th European Headache Federation Congress, EHF 2018, Florence, Italien.

Fernández-de-las-Peñas C, Fuensalida-Novo S, Palacios-Ceña M, **Castaldo M**, Wang K, Arendt-Nielsen L. The number of active trigger points is associated with pain features, depression and anxiety in frequent episodic, but not chronic, tension type headache. 2018. Abstract fra 12th European Headache Federation Congress, EHF 2018, Florence, Italien.

\*Palacios-Ceña M, Wang K, **Castaldo M**, Guillem-Mesado A, Ordás-Bandera C, Arendt-Nielsen L et al. Trigger points are associated with widespread pressure pain sensitivity in people with tension-type headache. *Cephalalgia*. 2018 feb 1;38(2):237-245. <https://doi.org/10.1177/0333102416679965>

Benito-González E, Palacios-Ceña M, Fernández-Muñoz JJ, **Castaldo M**, Wang K, Catena A et al. Variables associated with sleep quality in chronic tension-type headache: A cross-sectional and longitudinal design. PLOS ONE. 2018 maj 1;13(5). e0197381.  
<https://doi.org/10.1371/journal.pone.0197381>

\*Palacios-Ceña M, Wang K, **Castaldo M**, Guerrero-Peral A, Caminero AB, Fernández-de-Las-Peñas C et al. Assessment of deep dynamic mechanical sensitivity in individuals with tension-type headache: The dynamic pressure algometry. European Journal of Pain. 2017;21(8):1451–1460.  
<https://doi.org/10.1002/ejp.1065>

**Castaldo M**, Catena A, Chiarotto A, Villafañe JH, Fernández-de-las-Peñas C, Arendt-Nielsen L. Association between pain, disability, widespread pressure pain hypersensitivity and trigger points in subjects with neck pain. Scandinavian Journal of Pain. 2017; 16:167-168.  
<https://doi.org/10.1016/j.sjpain.2017.04.012>

**Castaldo M**, Catena A, Fernández-de-las-Peñas C, Arendt-Nielsen L. Association between widespread pressure pain hypersensitivity, health history, and trigger points in subjects with neck pain. Scandinavian Journal of Pain. 2017; 16:168. <https://doi.org/10.1016/j.sjpain.2017.04.013>

**Castaldo M**, Catena A, Chiarotto A, Fernández-de-Las-Peñas C, Arendt-Nielsen L. Do subjects with whiplash-associated disorders respond differently in the short-term to manual therapy and exercise than those with mechanical neck pain? Pain Medicine. 2017;18(4):791-803.  
<https://doi.org/10.1093/pm/pnw266>

**Castaldo M**, Catena A, Fernández-de-Las-Peñas C, Arendt-Nielsen L. Health history, widespread pressure pain hypersensitivity, and trigger points in neck pain. 2017. Abstract fra Pain in Europe X, 10th Congress of the European Pain Federation, EFIC, Copenhagen, Danmark.

\*Fernández-de-Las-Peñas C, Benito-González E, Palacios-Ceña M, Wang K, **Castaldo M**, Arendt-Nielsen L. Identification of subgroups of patients with tension type headache with higher widespread pressure pain hyperalgesia. *Journal of Headache and Pain*. 2017;18. 43.  
<https://doi.org/10.1186/s10194-017-0751-0>

**Castaldo M**, Catena A, Chiarotto A, Villafane JH, Fernández-de-las-Peñas C, Arendt-Nielsen L. Pain, disability, widespread pressure pain hypersensitivity, and trigger points in neck pain subjects. 2017. Abstract fra Pain in Europe X, 10th Congress of the European Pain Federation, EFIC, Copenhagen, Danmark.

Palacios-Ceña M, **Castaldo M**, Wang K, Catena A, Torelli P, Arendt-Nielsen L et al. Relationship of active trigger points with related disability and anxiety in people with tension-type headache. *Medicine*. 2017;96(13). e6548. <https://doi.org/10.1097/MD.00000000000006548>

**Castaldo M**. Tension-type headache and central sensitization: the role of physical therapy according to EBM. *Journal of Headache and Pain*. 2017 nov 30;18(1):15 - 15. S47.  
<https://doi.org/10.1186/s10194-017-0817-z>

**Castaldo M**. Sensitization in Neck Pain: a comparison between whiplash-associated disorders and mechanical neck pain subjects. Aalborg Universitetsforlag, 2017. 121 s. (Ph.d.-serien for Det Sundhedsvidenskabelige Fakultet, Aalborg Universitet).

\*Palacios-Ceña M, Fernández-Muñoz JJ, **Castaldo M**, Wang K, Guerrero-Peral Á, Arendt-Nielsen L et al. The association of headache frequency with pain interference and the burden of disease is mediated by depression and sleep quality, but not anxiety, in chronic tension type headache. *Journal of Headache and Pain*. 2017;18. 19. <https://doi.org/10.1186/s10194-017-0730-5>

Fuensalida-Novo S, Palacios-Ceña M, Fernández-Muñoz JJ, **Castaldo M**, Wang K, Catena A et al. The burden of headache is associated to pain interference, depression and headache duration in chronic tension type headache: a 1-year longitudinal study. *Journal of Headache and Pain*. 2017 dec 28;18. 119. <https://doi.org/10.1186/s10194-017-0829-8>

Palacios-Ceña M, Wang K, **Castaldo M**, Fuensalida-Novo S, Ordás-Bandera C, Guillem-Mesado A et al. The number of active trigger points is associated with sensory and emotional aspects of health-related quality of life in tension type headache. *Scandinavian Journal of Pain*. 2017; 16:166. <https://doi.org/10.1016/j.sjpain.2017.04.008>

Arendt-Nielsen L, Palacios-Ceña M, Wang K, **Castaldo M**, Benito-González E, Guerrero-Peral AL et al. The use of symptomatic pharmacological treatment is associated with sensitization in patients with tension type headache. 2017. Abstract fra Pain in Europe X, 10th Congress of the European Pain Federation, EFIC, Copenhagen, Danmark.

Palacios Ceña M, **Castaldo M**, Wang K, Madeleine P, Guerrero ÁL, Arendt-Nielsen L et al. Topographical pressure pain sensitivity maps of the temporalis muscle in people with frequent episodic and chronic tension-type headache. *Pain Practice*. 2017;17(8):1050-1057. <https://doi.org/10.1111/papr.12565>

\*Palacios-Ceña M, **Castaldo M**, Wang K, Torelli P, Pillastrini P, Fernández-de-las-Peñas C et al. Widespread pressure pain hypersensitivity is similar in women with frequent episodic and chronic tension-type headache: a blinded case–control study. *Headache*. 2017;57(2):217-225. <https://doi.org/10.1111/head.12982>

\*Arendt-Nielsen L, **Castaldo M**, Mechelli F, Fernández-de-las-Peñas C. Muscle triggers as a possible source of pain in a subgroup of tension-type headache patients? *The Clinical Journal of Pain*. 2016;32(8):711-718. <https://doi.org/10.1097/AJP.0000000000000318>

Arendt-Nielsen L, Palacios-Ceña M, Ambite-Quesada S, **Castaldo M**, Wang K, Fernández-de-Las-Peñas C. The number of active trigger points is positive correlated with widespread pressure pain sensitization in individuals with tension type headache. 2016. Abstract fra 16th World Congress on Pain, Yokohama, Japan.

**Castaldo M**, Catena A, Arendt-Nielsen L. Pain and disability changes with manual therapy in whiplash and mechanical neck pain patients: an experimental and clinical study. 2016. Abstract fra 16th World Congress on Pain, Yokohama, Japan.

Arendt-Nielsen L, **Castaldo M**. MTPs are a peripheral source of nociception. *Pain Medicine*. 2015;16(4):625-627. <https://doi.org/10.1111/pme.12714>

\***Castaldo M**, Ge H-Y, Chiarotto A, Villafane JH, Arendt-Nielsen L. Myofascial trigger points in patients with whiplash-associated disorders and mechanical neck pain. *Pain Medicine*. 2014;15(5):842–849. <https://doi.org/10.1111/pme.12429>

Chiarotto A, Fernández-de-Las-Peñas C, **Castaldo M**, Villafañe JH. Bilateral Pressure Pain Hypersensitivity over the Hand as Potential Sign of Sensitization Mechanisms in Individuals with Thumb Carpometacarpal Osteoarthritis. *Pain Medicine* 2013; 14: 1585–1592. [https://doi: 10.1111/pme.12179](https://doi.org/10.1111/pme.12179). Epub 2013 Jun 26.

Chiarotto A, Fernandez-de-Las-Peñas C, **Castaldo M**, Negrini S, Villafañe JH. Widespread pressure pain hypersensitivity in elderly subjects with unilateral thumb carpometacarpal osteoarthritis. *Hand (N Y)*. 2013 Dec;8(4):422-9. [https://doi: 10.1007/s11552-013-9537-2](https://doi.org/10.1007/s11552-013-9537-2).

Number of first authorships in the last 5 years: 10 (including peer-reviewed articles published in conference proceedings)

Number of last authorships in the last 5 years: 1

Total number of publications: 35 (including PhD thesis)

Total number of publications with peer review: 34 (including peer-reviewed articles published in conference proceedings)

Impact factor (IF) of the journals:

Cephalalgia: 4.438

The Journal of Headache and Pain: 3.918

Headache: 3.189

The European Journal of Pain: 3.188

The Clinical Journal of Pain: 2.893

Pain Medicine IF: 2.782

BMC Neurology: 2.233