

The infraorbital artery is an artery in the head that branches off the maxillary artery, emerging through the infraorbital foramen, just under the orbit of the eye.

# Unclassified

- 1: Kotoh R, Maruhashi T, Tamura S, Yamamoto D, Koizumi H, Kurihara Y, Osada M, Oi M, Asari Y. Life-threatening [traumatic epistaxis](#) due to massive bleeding into the maxillary sinus. *Trauma Case Rep.* 2021 Feb 18;32:100434. doi: 10.1016/j.tcr.2021.100434. PMID: 33665324; PMCID: PMC7903132.
- 2: Li L, London NR Jr, Silva S, Prevedello D, Carrau RL. Transnasal prelacrimal approach to the inferior intraconal space: a feasibility study. *Int Forum Allergy Rhinol.* 2019 Sep;9(9):1063-1068. doi: 10.1002/alr.22368. Epub 2019 Jul 1. PMID: 31261443.
- 3: Allam AE, Khalil AAF, Eltawab BA, Wu WT, Chang KV. Ultrasound-Guided Intervention for Treatment of Trigeminal Neuralgia: An Updated Review of Anatomy and Techniques. *Pain Res Manag.* 2018 Apr 2;2018:5480728. doi: 10.1155/2018/5480728. PMID: 29808105; PMCID: PMC5902000.
- 4: Rodriguez Rubio R, Kola O, Tayebi Meybodi A, Tabani H, Feng X, Burkhardt JK, Yousef S, Lawton MT, Benet A. Minimally Invasive Exposure of the Maxillary Artery at the Anteromedial Infratemporal Fossa. *Oper Neurosurg (Hagerstown).* 2019 Jan 1;16(1):79-85. doi: 10.1093/ons/opy051. PMID: 29660062.
- 5: Choi PJ, Iwanaga J, Tubbs RS. An Oblique Columellar Artery Variant. *Cureus.* 2017 Dec 18;9(12):e1958. doi: 10.7759/cureus.1958. PMID: 29487772; PMCID: PMC5815652.
- 6: Truong HQ, Sun X, Celikci E, Borghei-Razavi H, Wang EW, Snyderman CH, Gardner PA, Fernandez-Miranda JC. Endoscopic anterior transmaxillary "transalispheonid" approach to Meckel's cave and the middle cranial fossa: an anatomical study and clinical application. *J Neurosurg.* 2018 Feb 2;130(1):227-237. doi: 10.3171/2017.8.JNS171308. PMID: 29393751.
- 7: Lee AG, Shader JD, Vickers A, Diaz OM, Bilyk JR. Not the usual suspect. *Surv Ophthalmol.* 2019 Mar-Apr;64(2):248-253. doi: 10.1016/j.survophthal.2017.10.001. Epub 2017 Oct 9. PMID: 29024673.
- 8: Fizzano KM, Claude AK, Kuo LH, Eells JB, Hinz SB, Thames BE, Ross MK, Linford RL, Wills RW, Olivier AK, Archer TM. Evaluation of a modified infraorbital approach for a maxillary nerve block for rhinoscopy with nasal biopsy of dogs. *Am J Vet Res.* 2017 Sep;78(9):1025-1035. doi: 10.2460/ajvr.78.9.1025. PMID: 28836847.
- 9: Akiyama O, Güngör A, Middlebrooks EH, Kondo A, Arai H. Microsurgical anatomy of the maxillary artery for extracranial-intracranial bypass in the pterygopalatine segment of the maxillary artery. *Clin Anat.* 2018 Jul;31(5):724-733. doi: 10.1002/ca.22926. Epub 2017 Nov 29. PMID: 28556192.
- 10: Zhang X, Tabani H, El-Sayed I, Russell M, Feng X, Benet A. The Endoscopic Endonasal Transmaxillary Approach to Meckel's Cave Through the Inferior Orbital Fissure. *Oper Neurosurg (Hagerstown).* 2017 Jun 1;13(3):367-373. doi: 10.1093/ons/oxp009. PMID: 28521351.
- 11: Leung VC, Hussain A, Krings T, DeAngelis D. Endovascular Management of a Traumatic Infraorbital Pseudoaneurysm Causing Orbital Compartment Syndrome. *Ophthalmic Plast Reconstr Surg.* 2017 Sep/Oct;33(5):e110-e112. doi: 10.1097/IOP.0000000000000828. PMID: 27841830.
- 12: Elhadi AM, Zaidi HA, Yagmurlu K, Ahmed S, Rhoton AL Jr, Nakaji P, Preul MC, Little AS. Infraorbital nerve: a surgically relevant landmark for the pterygopalatine fossa, cavernous sinus, and

- anterolateral skull base in endoscopic transmaxillary approaches. *J Neurosurg.* 2016 Dec;125(6):1460-1468. doi: 10.3171/2015.9.JNS151099. Epub 2016 Mar 4. PMID: 26943844.
- 13: Cremer J, Sum SO, Braun C, Figueiredo J, Rodriguez-Guarin C. Assessment of maxillary and infraorbital nerve blockade for rhinoscopy in sevoflurane anesthetized dogs. *Vet Anaesth Analg.* 2013 Jul;40(4):432-9. doi: 10.1111/vaa.12032. Epub 2013 Mar 28. PMID: 23534860.
- 14: Snyder CJ, Snyder LB. Effect of mepivacaine in an infraorbital nerve block on minimum alveolar concentration of isoflurane in clinically normal anesthetized dogs undergoing a modified form of dental dolorimetry. *J Am Vet Med Assoc.* 2013 Jan 15;242(2):199-204. doi: 10.2460/javma.242.2.199. PMID: 23276096.
- 15: Schultheiß S, Petridis AK, El Habony R, Maurer P, Scholz M. The transmaxillary endoscopic approach to the orbit. *Acta Neurochir (Wien).* 2013 Jan;155(1):87-97. doi: 10.1007/s00701-012-1525-8. Epub 2012 Nov 6. PMID: 23129106.
- 16: Herd MK, Smith RJ, Brennan PA. Long buccal nerve block: a previously unreported complication. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2011 Aug;112(2):e1-3. doi: 10.1016/j.tripleo.2011.03.019. PMID: 21684769.
- 17: Al-Sandook T, Al-Saraj A. Ocular complications after inferior alveolar nerve block: a case report. *J Calif Dent Assoc.* 2010 Jan;38(1):57-9. PMID: 20178228.
- 18: Abuzayed B, Tanriover N, Gazioglu N, Cetin G, Akar Z. Extended endoscopic endonasal approach to the pterygopalatine fossa: anatomic study. *J Neurosurg Sci.* 2009 Jun;53(2):37-44. PMID: 19546841.
- 19: Kassam AB, Prevedello DM, Carrau RL, Snyderman CH, Gardner P, Osawa S, Seker A, Rhoton AL Jr. The front door to meckel's cave: an anteromedial corridor via expanded endoscopic endonasal approach- technical considerations and clinical series. *Neurosurgery.* 2009 Mar;64(3 Suppl):ons71-82; discussion ons82-3. doi: 10.1227/01.NEU.0000335162.36862.54. PMID: 19240575.
- 20: Staszyk C, Bienert A, Bäumer W, Feige K, Gasse H. Simulation of local anaesthetic nerve block of the infraorbital nerve within the pterygopalatine fossa: anatomical landmarks defined by computed tomography. *Res Vet Sci.* 2008 Dec;85(3):399-406. doi: 10.1016/j.rvsc.2008.02.008. Epub 2008 Mar 26. PMID: 18371997.
- 21: Okuno S, Sakaki T. [A case of intracranial neurinoma arising from the maxillary branch of the trigeminal nerve]. *No Shinkei Geka.* 2005 Jul;33(7):709-15. Japanese. PMID: 16001812.
- 22: Ustün ME, Büyükmumcu M, Ulku CH, Cicekcibasi AE, Arbag H. Radial artery graft for bypass of the maxillary to proximal middle cerebral artery: an anatomic and technical study. *Neurosurgery.* 2004 Mar;54(3):667-70; discussion 670-1. PMID: 15028142.
- 23: Mavropoulos A, Aars H, Brodin P. Hyperaemic response to cigarette smoking in healthy gingiva. *J Clin Periodontol.* 2003 Mar;30(3):214-21. doi: 10.1034/j.1600-051x.2003.10284.x. PMID: 12631179.
- 24: Couldwell WT, Sabit I, Weiss MH, Giannotta SL, Rice D. Transmaxillary approach to the anterior cavernous sinus: a microanatomic study. *Neurosurgery.* 1997 Jun;40(6):1307-11. doi: 10.1097/00006123-199706000-00040. PMID: 9179908.
- 25: Ahuja S, Datta A, Krishna A, Bhattacharya A. Infra-orbital nerve block for relief of postoperative pain following cleft lip surgery in infants. *Anaesthesia.* 1994 May;49(5):441-4. doi: 10.1111/j.1365-2044.1994.tb03484.x. PMID: 8209992.

26: Sewall EC. Surgical removal of the sphenopalatine ganglion. Report of three operations; elaborating an original technic to expose the pterygopalatine fossa, command the internal maxillary artery and its terminals and the infraorbital nerve and its branches. 1937. Ann Otol Rhinol Laryngol. 1992 Apr;101(4):285-92. doi: 10.1177/000348949210100401. PMID: 1562131.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**



Permanent link:

[https://neurosurgerywiki.com/wiki/doku.php?id=infraorbital\\_artery](https://neurosurgerywiki.com/wiki/doku.php?id=infraorbital_artery)

Last update: **2024/06/07 02:49**