

Horseshoe kidney is a condition in which the kidneys fuse (bind) together at the bottom, forming a "U" shape or horseshoe shape.

1: Hiwasa T, Wang H, Goto KI, Mine S, Machida T, Kobayashi E, Yoshida Y, Adachi A, Matsutani T, Sata M, Yamagishi K, Iso H, Sawada N, Tsugane S, Kunitatsu M, Kamitsukasa I, Mori M, Sugimoto K, Uzawa A, Muto M, Kuwabara S, Kobayashi Y, Ohno M, Nishi E, Hattori A, Yamamoto M, Maezawa Y, Kobayashi K, Ishibashi R, Takemoto M, Yokote K, Takizawa H, Kishimoto T, Matsushita K, Kobayashi S, Nomura F, Arasawa T, Kagaya A, Maruyama T, Matsubara H, Tomiita M, Hamanaka S, Imai Y, Nakagawa T, Kato N, Terada J, Matsumura T, Katsumata Y, Naito A, Tanabe N, Sakao S, Tatsumi K, Ito M, Shiratori F, Sumazaki M, Yajima S, Shimada H, Shirouzu M, Yokoyama S, Kudo T, Doi H, Iwase K, Ashino H, Li SY, Kubota M, Tomiyoshi G, Shinmen N, Nakamura R, Kuroda H, Iwade Y. Serum anti-DIDO1, anti-CPSF2, and anti-FOXJ2 antibodies as predictive risk markers for acute ischemic stroke. *BMC Med.* 2021 Jun 9;19(1):131. doi: 10.1186/s12916-021-02001-9. PMID: 34103026; PMCID: PMC8188684.

2: Pressman E, Osburn B, Vivas A, Krafft P, Ljubimov V, Chen L, Mhaskar R, Alikhani P. Rhabdomyolysis after spinal fusion surgery: management schema and prevention of a catastrophic complication. *Br J Neurosurg.* 2021 Jan 7;1-11. doi: 10.1080/02688697.2020.1866164. Epub ahead of print. PMID: 33410353.

3: García-Touchard A, Marañillo E, Mompeo B, Sañudo JR. Microdissection of the Human Renal Nervous System: Implications for Performing Renal Denervation Procedures. *Hypertension.* 2020 Oct;76(4):1240-1246. doi: 10.1161/HYPERTENSIONAHA.120.15106. Epub 2020 Aug 24. PMID: 32829660.

4: Spiessberger A, Arvind V, Dietz N, Grueter B, Huber F, Guggenberger R, Moriggl B, Varma V, Cho SK. A Comparison of Complications and Clinical and Radiologic Outcome Between the Mini-open Prepsos and Mini-open Transpsos Approaches for Lumbar Interbody Fusion: A Meta-Analysis. *Clin Spine Surg.* 2020 Aug;33(7):271-279. doi: 10.1097/BSD.0000000000001015. PMID: 32482972.

5: Eklund JE, Shah SH, Rubin DS, Mehta AI, Minev EM, Lee HH, Roth S. Incidence of and factors associated with acute kidney injury after scoliosis surgery in pediatric patients. *Spine Deform.* 2020 Oct;8(5):991-999. doi: 10.1007/s43390-020-00126-0. Epub 2020 May 6. PMID: 32378041.

6: Simonds E, Iwanaga J, Kikuta S, Schumacher M, Dupont G, Altafulla J, Yilmaz E, Oskouian RJ, Tubbs RS. Case Report of a Pelvic Crossed Fused Renal Ectopic Kidney. *Kurume Med J.* 2020 Jul 1;66(1):55-58. doi: 10.2739/kurumemedj.MS661004. Epub 2020 Apr 24. PMID: 32336732.

7: Kotikoski S, Huttunen J, Huttunen TJ, Helin K, Frösen J, Koivisto T, Kurki MI, von Und Zu Fraunberg M, Kunnamo I, Jääskeläinen JE, Lindgren AE. Secondary hypertension in patients with saccular intracranial aneurysm disease: A population based study. *PLoS One.* 2018 Oct 31;13(10):e0206432. doi: 10.1371/journal.pone.0206432. PMID: 30379949; PMCID: PMC6209332.

8: Eid S, Iwanaga J, Loukas M, Oskouian RJ, Tubbs RS. Pelvic Kidney: A Review of the Literature. *Cureus.* 2018 Jun 9;10(6):e2775. doi: 10.7759/cureus.2775. PMID: 30109168; PMCID: PMC6084689.

9: Nurmonen HJ, Huttunen T, Huttunen J, Kurki MI, Helin K, Koivisto T, von Und Zu Fraunberg M, Jääskeläinen JE, Lindgren AE. Polycystic kidney disease among 4,436 intracranial aneurysm patients from a defined population. *Neurology.* 2017 Oct 31;89(18):1852-1859. doi: 10.1212/WNL.0000000000004597. Epub 2017 Oct 4. PMID: 28978659.

10: Esen B, Telli O, Ucan B, Fitoz S, Unlu A, Burgu B, Soygur T. Retroaortic Variant of Reverse Horseshoe Kidney With Butterfly Vertebrae Presenting as Neurogenic Bladder. *Urology.* 2016 Sep;95:e1-2. doi: 10.1016/j.urology.2016.05.050. Epub 2016 Jun 6. PMID: 27282812.

- 11: Demir MK, Toktaş ZO, Yılmaz B, Akakin A, Koban O, Konya D. Caudal regression syndrome with diplomyelia (type 2 split cord malformation), tethered cord, syringomyelia, and horse-shoe kidney. *Spine J*. 2016 Mar;16(3):e193-4. doi: 10.1016/j.spinee.2015.10.019. Epub 2015 Oct 23. PMID: 26482981.
- 12: Munich SA, Theessen H, Johnson AK, Lopes DK. "Contrast-less" stent-assisted coiling of an A1 aneurysm. *J Stroke Cerebrovasc Dis*. 2014 Oct;23(9):2283-6. doi: 10.1016/j.jstrokecerebrovasdis.2014.04.013. Epub 2014 Aug 23. PMID: 25156782.
- 13: Dakwar E, Rifkin SI, Volcan IJ, Goodrich JA, Uribe JS. Rhabdomyolysis and acute renal failure following minimally invasive spine surgery: report of 5 cases. *J Neurosurg Spine*. 2011 Jun;14(6):785-8. doi: 10.3171/2011.2.SPINE10369. Epub 2011 Mar 18. Erratum in: *J Neurosurg Spine*. 2012 Jan;16(1):104. PMID: 21417696.
- 14: Yamada SM, Masahira N, Ikawa N, Nakai E, Park KC, Shimizu K. Preoperative surgical approach planning for metastatic pituitary stalk tumor using multimodal fusion imaging in a neuronavigation system—case report. *Neurol Med Chir (Tokyo)*. 2010;50(3):259-63. doi: 10.2176/nmc.50.259. PMID: 20339283.
- 15: Baradaran N, Ahmadi H, Nejat F, El Khashab M, Mahdavi A. Nonneural congenital abnormalities concurring with myelomeningocele: report of 17 cases and review of current theories. *Pediatr Neurosurg*. 2008;44(5):353-9. doi: 10.1159/000149900. Epub 2008 Aug 15. PMID: 18703879.
- 16: Hall WA, Vallera DA. Efficacy of antiangiogenic targeted toxins against glioblastoma multiforme. *Neurosurg Focus*. 2006 Apr 15;20(4):E23. doi: 10.3171/foc.2006.20.4.15. PMID: 16709029.
- 17: Asakuno K, Isono M, Wakabayashi Y, Mori T, Hori S, Kohno K, Kuwano M. The exogenous control of transfected c-fos gene expression and angiogenesis in cells implanted into the rat brain. *Brain Res*. 1995 Dec 8;702(1-2):23-31. doi: 10.1016/0006-8993(95)00880-8. PMID: 8846081.

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