

2. Zhou P, Yang XL, Wang XG, et al. A pneumonia outbreak associated with a new coronavirus of probable bat origin. *Nature*. 2020; 579(7798): 270–273.
3. Salian VS, Wright JA, Vedell PT, et al. COVID-19 Transmission, Current Treatment, and Future Therapeutic Strategies. *Molecular Pharmaceutics*. 2021; 18(3): 754–771.
4. Collins AB, Zhao L, Zhu Z, et al. Impact of COVID-19 on Male Fertility. *Urology*. 2022; 164: 33–39.
5. Gonzalez DC, Khodamoradi K, Pai R, et al. A Systematic Review on the Investigation of SARS-CoV-2 in Semen. *Res Rep Urol*. 2020; 12: 615–621.
6. Haque A, Pant AB. Mitigating Covid-19 in the face of emerging virus variants, breakthrough infections and vaccine hesitancy. *Journal of Autoimmunity*. 2022; 127: 102792.
7. Alimohamadi Y, Sepandi M, Taghdir M, Hosamirudsari H. Determine the most common clinical symptoms in COVID-19 patients: a systematic review and meta-analysis. *J Prev Med Hyg*. 2020; 61(3): E304–312.
8. Lin L, Jiang X, Zhang Z, et al. Gastrointestinal symptoms of 95 cases with SARS-CoV-2 infection. *Gut*. 2020; 69: 997–1001.
9. Chen X, Laurent S, Oezguer AO, et al. A systematic review of neurological symptoms and complications of COVID-19. *Journal of Neurology*. 2021; 268: 392–402.
10. Odriozola-Gonzalez P, Planchuelo-Gómez Á, Jesús Iruña M, de Luis-García R. Psychological symptoms of the outbreak of the COVID-19 confinement in Spain. *Journal of Health Psychology*. 2022; 27(4): 825–835.
11. Team CDC 19 R. SARS-CoV-2 B.1. 1. 529 (Omicron) Variant - United States, December 1-8, 2021. *MMWR Morb Mortal Wkly Rep*. 2021; 70(50): 1731–1734.
12. Beyerstedt S, Casaro EB, Rangel ÉB. COVID-19: angiotensin-converting enzyme 2 (ACE2) expression and tissue susceptibility to SARS-CoV-2 infection. *European Journal of Clinical Microbiology & Infectious Diseases*. 2021; 40(5): 905–919.
13. Seymen CM. The other side of COVID-19 pandemic: Effects on male fertility. 2020; 93(3): 1396–1402.
14. Harmer D, Gilbert M, Borman R, Clark KL. Quantitative mRNA expression profiling of ACE 2, a novel homologue of angiotensin converting enzyme. 2002; 532(1-2): 107–110.
15. Li W, Moore MJ, Vasileva N, et al. Angiotensin-converting enzyme 2 is a functional receptor for the SARS coronavirus. *Nature*. 2003; 426(6965): 450–454.
16. Sengupta P, Dutta S, Slama P, Roychoudhury S. COVID-19, oxidative stress, and male reproductive dysfunctions: is vitamin C a potential remedy? *Physiol Res*. 2022; 71(1): 47–54.
17. Jian S, Yushun W, Chuming L, et al. Cell entry mechanisms of SARS-CoV-2. *Proceedings of the National Academy of Sciences*. 2020; 117(21): 11727–11734.
18. Younis JS, Abassi Z, Skorecki K. Is there an impact of the COVID-19 pandemic on male fertility? The ACE2 connection. *American Journal of Physiology-Endocrinology and Metabolism*. 2020; 318(6): E878–880.
19. Douglas GC, O'Bryan MK, Hedger MP, et al. The novel Angiotensin-Converting Enzyme (ACE) homolog, ACE2, is selectively expressed by adult leydig cells of the testis. *Endocrinology*. 2004; 145(10): 4703–4711.
20. Reis AB, Fabiano CA, Pereira VM, et al. Angiotensin (1–7) and its receptor Mas are expressed in the human testis: implications for male infertility. 2010; 41(1): 75–80
21. Liu X, Chen Y, Tang W, et al. Single-cell transcriptome analysis of the novel coronavirus (SARS-CoV-2) associated gene ACE2 expression in normal and non-obstructive azoospermia (NOA) human male testes. *Science China Life Sciences*. 2020; 63(7): 1006–1015.
22. Wang K, Chen W, Zhou YS, et al. SARS-CoV-2 invades host cells via a novel route: CD147-spike protein. *BioRxiv*. 2020.
23. Cantuti-Castelvetri L, Ojha R, Pedro LD, et al. Neuropilin-1 facilitates SARS-CoV-2 cell entry and provides a possible pathway into the central nervous system. *BioRxiv*. 2020.
24. Yang M, Chen S, Huang B, et al. Pathological Findings in the Testes of COVID-19 Patients: Clinical Implications. *Eur Urol Focus*. 2020; 6(5): 1124–1129.