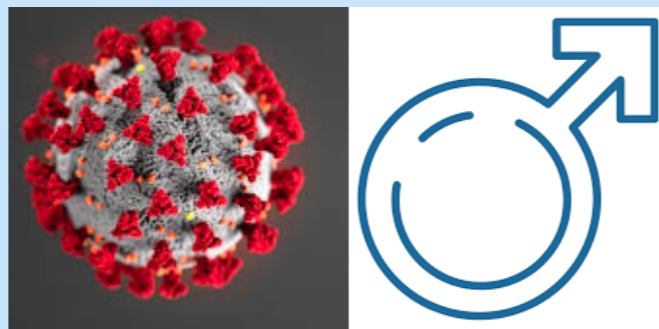


PEYRONIE'S DISEASE & COVID-19

Peyronie's disease in a patient after COVID-19 infection.



Peyronie's disease in a patient after COVID-19 infection.

Case Study:

Coronavirus disease 2019 (COVID-19) is an emerging infectious disease caused by a novel coronavirus (SARS-CoV-2), which demonstrates the ability to invade endothelial cells and cause systemic inflammation. Many possible long-term sequelae of COVID-19 remain unidentified. We describe a case of a man who developed Peyronie's disease after a resolved COVID-19 infection. Erectile dysfunction was confirmed by the International Index of Erectile Function-15 (IIEF) and Sexual Health Inventory for Men (SHIM) scores. A diagnosis of Peyronie's disease was confirmed on ultrasound. Furthermore, he was found to have low endothelial progenitor cells colony-forming units and low brachial artery flow-mediated vasodilation, both of which are indicative of endothelial dysfunction. This case suggests Peyronie's disease should be considered as a possible sequela of COVID-19 infection and providers should inquire about a history of COVID-19 infection in patients presenting with Peyronie's disease.

Keywords: COVID-19; Peyronie's disease; coronavirus; endothelial dysfunction; erectile dysfunction.

Sources: Pubmed.ncbi
FOR MORE INFORMATION
<https://pubmed.ncbi.nlm.nih.gov/34397121/>