

Wuhan

COVID-19 is a serious [infection](#) that originated in Wuhan, China, and has resulted in worldwide [morbidity](#) and mortality. It continues to be a major health concern in [2022](#), being associated with multiorgan failure. Although the [pathophysiology](#) of the disease and its complications are not well understood, it is believed that a [cytokine](#) storm, triggered by [complement activation](#) may be responsible for the severity and complications of the disease. As of now, there is no definitive treatment available. Hematological changes associated with COVID-19 include [lymphopenia](#), [anemia](#), [thrombocytopenia](#), [disseminated intravascular coagulation](#), and [thrombosis](#). [Paroxysmal nocturnal hemoglobinuria](#) (PNH), on the other hand, is an acquired clonal hematopoietic stem cell disorder that occurs due to an acquired PIG-A mutation affecting the hematopoietic stem cells. Interestingly, PNH exhibits some clinical and laboratory manifestations like those seen in COVID-19. Albalawi et al. present a rare case of PNH that developed following a COVID-19 infection ¹⁾

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Albalawi M, Alwasaidi T, Almohammadi M, Alzarief AA, Elyamany G. Paroxysmal nocturnal hemoglobinuria in a patient post COVID-19 virus infection: A case report with literature review. Clin Case Rep. 2023 Oct 9;11(10):e8011. doi: 10.1002/ccr3.8011. PMID: 37822485; PMCID: PMC10562656.

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