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A REVIEW ON ANEMIA OF CHRONIC DISEASE WHICH OFTEN GOES UNREPORTED AND ITS TREATMENT APPROACHES

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ABSTRACT:

Anemia of a chronic disease (ACD) is where the hemoglobin, blood levels and RBCs are lower than the normal values due to an existing chronic condition. The major regulator of iron metabolism, hepcidin, plays an important role in the pathogenesis of ACD. Treatment of the underlying illness and red cell transfusions in severe anemia are the major treatments. Erythropoiesis stimulating drugs are utilized in more severe anemias. Recently, new therapeutic options for ACD in defined conditions, including as chelating medicines, hepcidin antagonists, and other erythropoiesis stimulating drugs, have been investigated. The article was aimed to review the clinical management, appropriate diagnosis, complications, clinical manifestations, pathophysiology, etiology of Anemia of Chronic Disease (ACD).

KEYWORDS:

Anemia of inflammation/chronic disease, chronic kidney disease, erythropoiesis-stimulating agents, ferritin, hepcidin, interleukins, iron.

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