

# **Anemia of ESRD and ESRD with hepatitis c patients: role of erythropoietin**

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**Abstract:** Anemia is a common accompanied consequence of chronic kidney disease (CKD). Erythropoietin (EPO) insufficiency is the main reason for CKD anemia. The proportion of EPO deficits rises from 28% to 64% as renal function diminishes. Anemia in individuals with a GFR of 30 ml/min per 1.73 m<sup>2</sup> may not be due to EPO insufficiency, although it is certainly the primary cause of severe CKD. However, other variables, including Hb, can stimulate EPO production, complicating the response of EPO to low Hb in CKD patients.