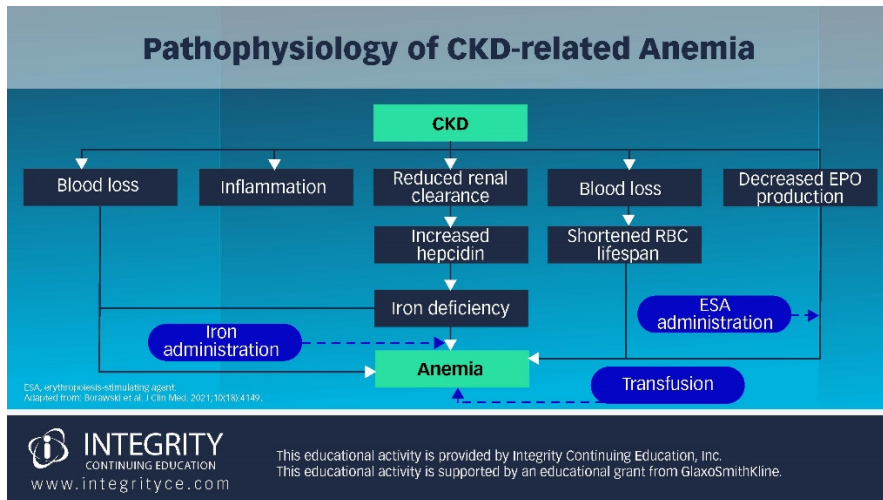


## Challenging Cases in CKD Anemia: The Kidneys and Heart as Linked Parts - Clinical Brief #2

### Targeting the Pathophysiology of CKD-related Anemia

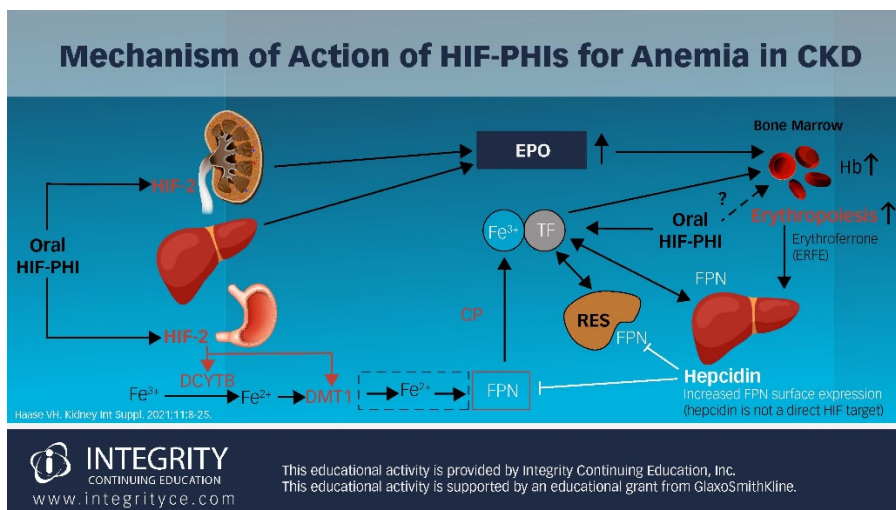
[Click](#) to view video.

Traditional CKD-related anemia treatment includes ESA administration, iron supplementation, and transfusion.



An emerging therapeutic strategy for CKD-related anemia, HIF-PHIs, does the following:

- Stabilize HIFs
- Increase erythropoiesis via increased renal and hepatic EPO production
- Decrease hepcidin levels and modulate iron metabolism
- Increase total Fe-binding capacity and transferrin levels



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