Review Diagnostics-2997383

The authors tackle an always very interesting topic. Anemia in patients with CKD has been the subject of study in recent years and research has produced many papers on this topic and on iron requirements.
Patients on hemodialysis and non-dialysis CKD stages G4 and G5 were enrolled
However, the paper contains important biases.
In Tab 2 under the heading "Parameters of erythropoiesis" ferritin and the weekly dose of EPO have a standard deviation greater than the basal value!. The ferritin value is very high. These data (see Dopps study, Pivotal study by Mc Dougall, Lacquaniti et al KRCP 2020, Lacquaniti et al Medicina 2023, Minutolo R et al CKJ 2022) correlate with patients' inflammation.
The use of ferrous carboxymaltose, which may have an anti-inflammatory effect on hepcidin expression, is not reported.
These are very contradictory data.
These contradictory data are not clarified in the text.
The authors must explain these data in the text under discussion also based on the recommended references.
There are no clinical data in the text to support the results.
Authors must make these changes.
In this version the paper cannot be published.