Dear editor

We are pleased to submit our manuscript "Thyroid Nodules' Effect on Survival and Cardiovascular Risks in HFrEF Patients with Anemia and Hyperuricemia: A Retrospective Study" for consideration in Science Progress.

Thyroid nodules independently predicted higher mortality (HR=1.58, \*p\*=0.046) in HFrEF patients with anemia/hyperuricemia.Serum uric acid better predicted venous thrombosis in non-nodule patients (AUC=0.809 vs. 0.692).FT4 and MCV were associated with cardiac function decline, suggesting new risk markers.

First to link thyroid nodules with cardiovascular outcomes in this high-risk population. Provides actionable insights for integrated thyroid-cardiac risk assessment.

This work aligns with Science Progress focus on cardiovascular/metabolic disorders. We appreciate your consideration and look forward to your response.

this is an original manuscript and has not been previously published or submitted to another journal. There are no conflicts of interest related to the study design or its results.

Sincerely,

Zhengjiang Liu

Department of Cardiology, Affiliated Hospital of Youjiang Medical University for Nationalities, Youjiang Medical University for Nationalitie

j29542006@vip.tom.com