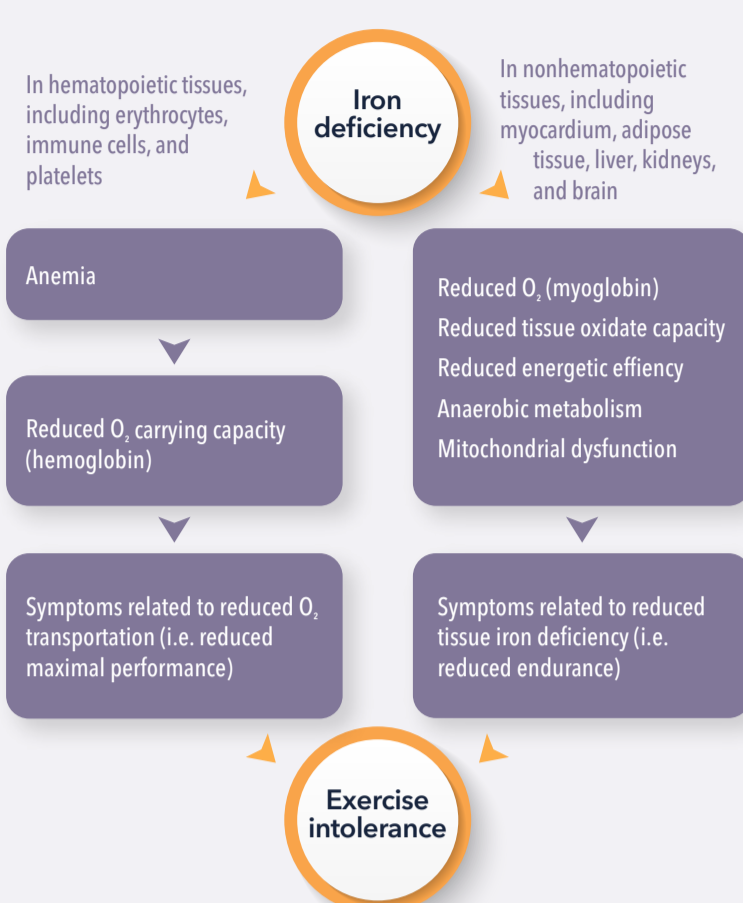


Several studies have shown that ID in patients with HF is associated with:

- Reduced exercise capacity
- Poor prognosis independently of anemia and left ventricular ejection fraction
- Impaired health-related quality of life (HRQoL)

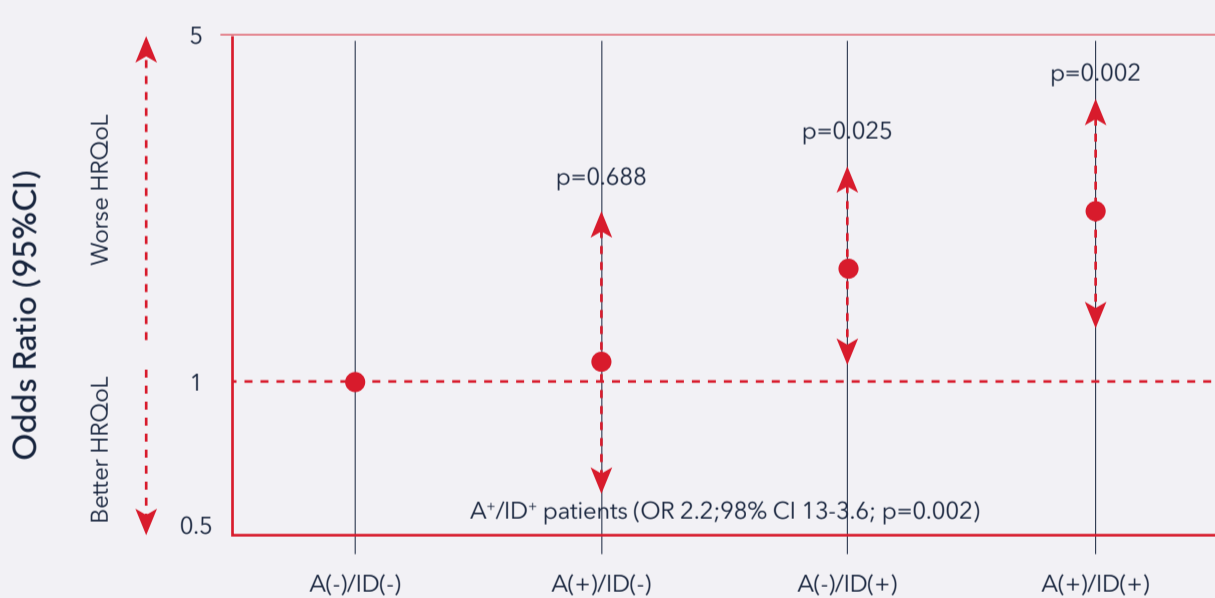
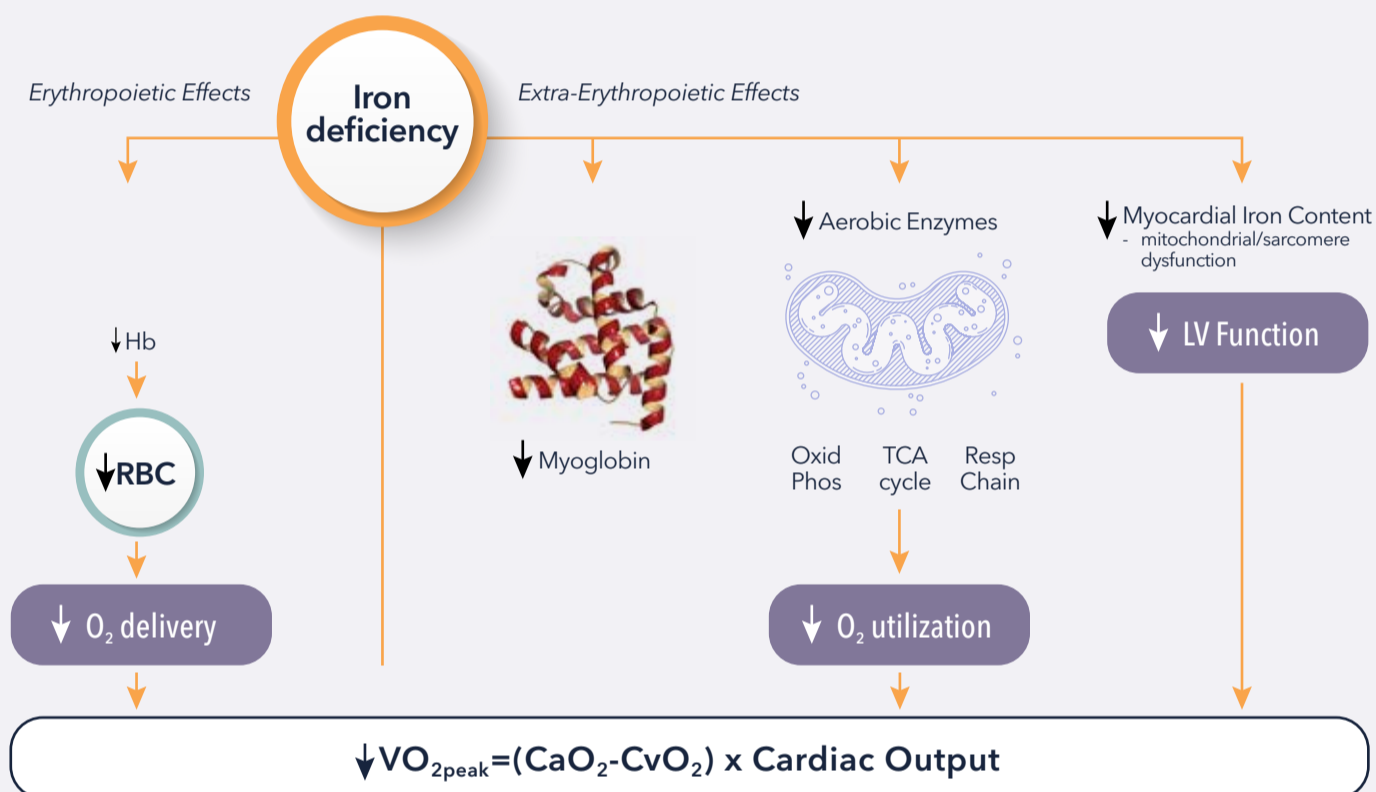
## Iron deficiency and exercise intolerance in heart failure

Iron deficiency in patients with stable systolic heart failure has been observed to be associated with submaximal exercise capacity as well as endurance.



## IRON DEFICIENCY is a key determinant of health-related quality of life in heart failure, regardless of anemia status

Patients impacted by chronic heart failure (CHF) present significant impairment of health-related quality of life (HRQoL). The role of iron in energy metabolism could be the link between ID and HRQoL.

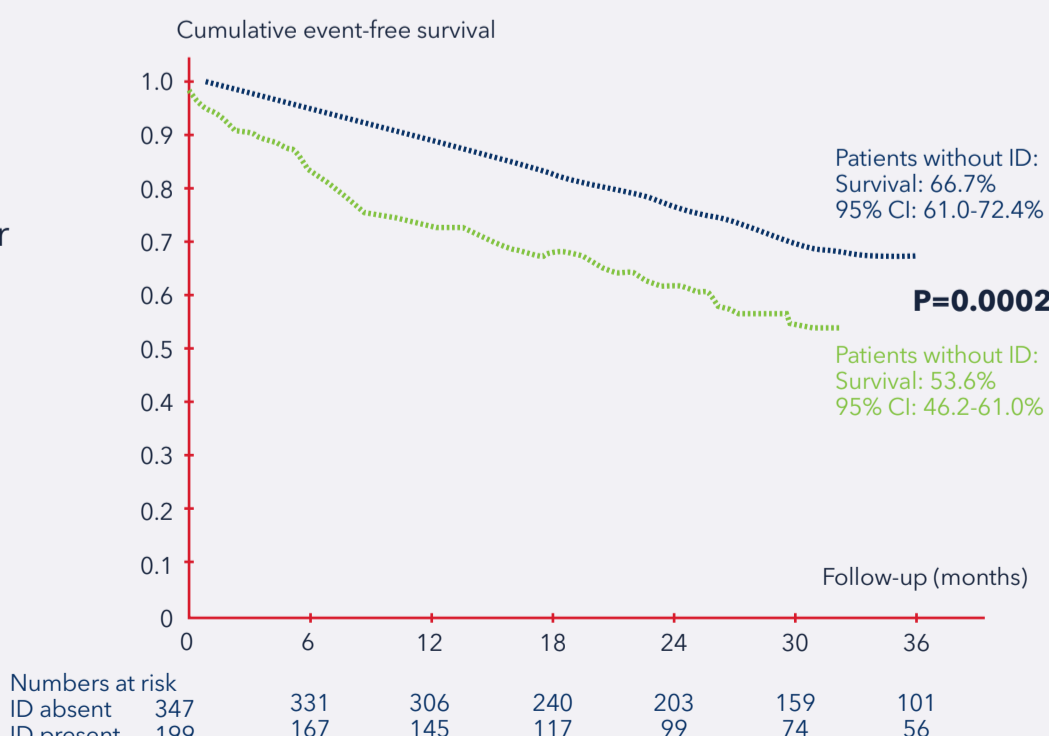


The worst HRQoL was observed in the presence of anemia as well as iron deficiency. A significant impact on HRQoL was observed in the presence of ID regardless of anemia

## Iron deficiency and prognosis in heart failure

Studies have found that in patients with systolic HF, ID was a strong independent predictor of death as well as heart transplantation.

Kaplan-Meier curves reflecting 3-year event-free survival rates in 546 patients with systolic heart failure with vs. without iron deficiency.



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