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.

REFERENCES:

Several studies have shown that ID in patients with HF is associated with:
- Reduced exercise capacity
- Impaired health-related quality of life (HRQoL)

Iron deficiency and exercise intolerance in heart failure

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

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

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.

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.

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.