

Know the administration of ferric carboxymaltose 1000 mg injection

DIAGNOSIS of iron deficiency in patients with heart failure¹

Serum ferritin concentration
<100 µg/L

OR

Serum ferritin concentration
100–299 µg/L
with transferrin saturation (TSAT)
<20%

DOSE of ferric carboxymaltose (FCM)²

- Maximum recommended cumulative dose of FCM: **1,000 mg** of iron/week
- If the total iron need is higher, then administer an additional dose after **7 days** from the first dose.

Total iron requirement		
Hemoglobin (g/dL)	Body weight of patient	
	35 to <70 kg	70 kg and above
<10	1,500 mg	2,000 mg
10 to < 14	1,000 mg	1,500 mg
Alternatively, 20 mg iron/kg body weight		

DILUTION²

Dilute up to **1000 mg** of iron in maximum **250 mL** of sterile 0.9% sodium chloride injection, USP

DURATION of administration²

15 min

“Administer over at least **15 minutes**”

References:

1. McDonagh TA, Metra M, Adamo M, et al; ESC Scientific Document Group. 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. *Eur Heart J.* 2021;42(36):3599-3726. 2. Ferinject (ferric carboxymaltose) [Internet]. Available from: <https://www.medicines.org.uk/emc/product/5910/smpc/print>

TUF^eHART
Ferric Carboxymaltose
500mg/1000mg (50mg/ml) injection

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