

NHS DORSET

ERYTHROID STIMULATING AGENT (ESA) PRESCRIPTION

**ESA: Epoetin alfa
(Eprex®)**

Indication: MDS Low

MDS Int-1

Patient Sticker

Name

DOB

Number

Predictive response to ESA: Score 0 74%, Score 1 point = 23%, Score 2 points =7%

Transfusion need	Point	S-EPO	Point
<2 units RBC/month	0	<500 U/l	0
≥2 units RBC/month	1	≥500 U/l	1

Hellstrom-Lindberg, 2003

Patient Score (tick) 0

1

2 X

Date commencing ESA:

Week (1-16):

Date	Drug	Dose	Administration	Number of days to be dispensed	Signature	Nurse	Date Time	Pharmacy
	Epoetin alfa (Eprex®)	30,000 units per week (if no response at 8 weeks dose may be doubled)	SC					
	G-CSF (filgrastim) if sideroblastic	300 µg	SC 2-3 times a week to maintain WBC below 10x10 ⁹ /l					

Response criteria:

Complete Erythroid Response: Achievement of Hb > 115 g/l and transfusion independence

Partial Erythroid Response: > 20 g/l increment in Hb and transfusion independence, but Hb remains < 115 g/l