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| **Renal Directorate Guidelines**  **Royal Infirmary of Edinburgh** |

**Diafer (Ferric Derisomaltose 1000)**

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| **Indication** | Treatment and prevention of iron deficiency on dialysis. |
| **Dosage** | Usually 100 mg fortnightly or monthly, adjusted according to iron stores. |
| **Concentration** | 50mg/ml, available in 2ml vials (i.e. 100mg in 2ml). |
| **Stability** | Use immediately once vials are opened (or else risk of bacterial contamination and growth). |
| **Reconstitution** | No reconstitution required. Can be administered undiluted or diluted in up to 20 ml of 0.9% NaCl. |
| **Administration** | 1. Reduce dialysis pump speed to 150ml/minute 2. Bolus dose over 30 seconds into venous limb of dialyser 3. Resume previous pump speed |
| **Monitoring** | * Patients should be observed for at least 30 minutes after administration * During initiation of ESA therapy, iron stores should be checked monthly as patients will be at risk of iron depletion. Thereafter, iron stores should be checked every 3 months. * If ferritin rises to > 800µg/L or T Sats > 50%, iron should be withheld. |
| **Adverse**  **reactions** | Anaphylaxis-like reactions usually occur within a few minutes after the commencement of an iron infusion. If any concerns re: analphylaxis, stop infusion immediately and dial 2222 stating “Medical Emergency”. Ensure resuscitation trolley is available. Treatment as per ALS anaphylaxis guideline. |
| **Additional information** |  |