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| Renal Directorate Guidelines  Royal Infirmary of Edinburgh |

**Hepatitis B Immunisation- HBVaxPro**

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| **Indication** | Immunisation against hepatitis B infection in all patients starting haemodialysis . |
| **Dosage and administration** | 40 micrograms at 0, 1 and 6 months by IM injection  Patients should be regarded as a ‘responder’ if anti HBs antibody titre is >100mIU/ml 8 weeks after completing immunisation. Responders should have an annual anti HB antibody titre check and a booster given if level <100mIu/ml.  If level 10-100mIU/ml- give booster and recheck after 4-8 weeks.  If level <10mIU/ml- course repeated once and recheck at 6-8 weeks. If still <10mIU/ml, then patient is a ‘ non responder’.  If level 10-100mIU/ml then give booster. |
| **Concentration/strength** | 40 micrograms/1ml |
| **Stability** | Store refrigerated. |
| **Reconstitution instructions** | N/A |
| **Additional information** | Not to be injected into the buttock (vaccine efficacy reduced).  Other preparations available if supply issues with HBVaxPro   * Fendrix -20micrograms at 0,1,2 and 6 months * Engerix B -40 micrograms at 0,1,2 and 6 months |