

## Humulin R 500units/mL concentrated insulin prescribing information

**What?** Regular human insulin 500units/mL (Humulin R U-500)  
 Profile – onset within 30 minutes, duration of activity is variable but up to 24 hours

**Who?** People with diabetes and severe insulin resistance  
 Only available for individual patients under the Special Access Scheme

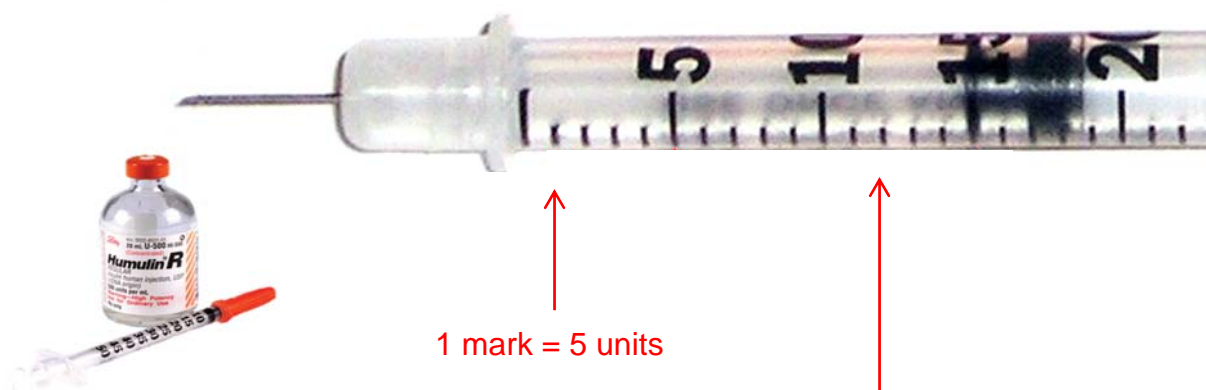
### CAUTION

Humulin R 500units/mL is FIVE times more concentrated than standard insulin  
 Check all doses carefully – insulin can be fatal

**Prescription?** **Contact Endocrine team - registrar page 6810**  
**Or after hours endocrinologist on call via switch**

**Only prescribe dose on the chart as marks on the insulin syringe**  
 The specific prescription and monitoring chart is available from Pharmacy

The markings on an insulin syringe are designed for 100units/mL standard insulin.  
 When using 500unit/mL insulin **1 mark on the syringe = 5 units of insulin**



Example: Dose 12 marks on syringe = 60units

**How?** **If possible, it is safest for patients to self administer this insulin with RN supervision**

Pharmacy will also provide appropriate syringes and alert signs  
 After Hours Drug Cupboard has a pack with charts and equipment

**Advice?** Endocrine registrar - page 6810 Diabetes CNC – page 6157

After hours via switch: Endocrinologist on call Pharmacist on call