

## Insulin: Quantities, doses and frequency of supply

### NOTE: FOR PENS & CARTRIDGES ONLY

- Insulin products come in **3ml** cartridges or pens packaged in **boxes of 5**
- The standard concentration is **100IU/ml** (\*beware exceptions below)
- Any opened pen or cartridge should be **discarded after 28 days**
- Insulin from two different pens/cartridges can be used to make up the total dose (i.e. a patient needs to inject 70 units but only 30 remaining in current pen. Patient can use those 30 units and inject additional 40 from new pen)

300 units per pen/cartridge → 1500 units per box of 5

| <b>*EXCEPTIONS</b>         |   |  |
|----------------------------|---|--|
| <i>Humalog Kwikpen 200</i> | Lispro <b>200IU/ml</b>                            | <b>RED:</b> Consultant only              |
| <i>Toujeo Solostar</i>     | Glargine <b>300IU/ml</b>                          | <b>RED:</b> Consultant only              |
| <i>Tresiba FlexTouch</i>   | Degludec available as <b>100UI &amp; 200IU/ml</b> | Different status on each local formulary |

| <b>For all 100IU/ml products</b> |                                   |   |
|----------------------------------|-----------------------------------|---|
| <b>Total Daily Dose</b>          | <b>Number of days for ONE pen</b> | <b>Number of days for ONE BOX OF 5 pens</b> |
| 10 units                         | 28                                | 140   |
| 15 units                         | 20                                | 100   |
| 20 units                         | 15                                | 75  |
| 25 units                         | 12                                | 60  |
| 30 units                         | 10                                | 50  |
| 40 units                         | 7                                 | 37  |
| 50 units                         | 6                                 | 30  |
| 60 units                         | 5                                 | 25  |
| 70 units                         | 4                                 | 21  |
| 80 units                         | 3                                 | 18  |
| 90 units                         | 3                                 | 16  |