

## Information for the School Nurses: insulin Pens

Several insulin pen devices are available for patient use. The pen utilizes a disposable pen needle for each injection. The pen should not be stored with the needle attached. Dispose of used needles appropriately. Prior to each insulin injection, deliver an 'air shot' or 'priming injection' of 1-2 units of insulin with the device held perpendicular with the needle up to expel any air in the cartridge. Pen devices/cartridges are for single patient use.

Available pen devices include : Luxura® by Lilly , Humalog Kwikpen® by Lilly, Novolog Flexpen® by Novo Nordisk, and Novo Junior® pen by Novo Nordisk.

### Luxura ®Pen for Humalog 3cc penfill cartridges



- Reusable pen device utilizing disposable Humalog Penfill cartridges
- Measures  $\frac{1}{2}$  **unit increments** of insulin
- Cartridge is good, once pierced, for 30 days
- Store at a comfortable room temperature when in use (store yet to be used cartridges in the refrigerator.)
- Manufacturer recommends replacing pen after 3 years
- Manufacturers' instructional video: <http://www.humalog.com/humalog-insulin-pens/humapen-luxura-insulin-pen.jsp>

## Novo Junior® Pen for NovoLog 3cc penfill cartridges



- Reusable pen device utilizing disposable NovoLog penfill cartridges
- Measures  $\frac{1}{2}$  **unit increments** of insulin
- Cartridge is good, once pierced, for 30 days
- Store at a comfortable room temperature when in use (store yet to be used cartridges in the refrigerator.)
- The pen can deliver from  $\frac{1}{2}$  unit to a maximum of 35 units
- Manufacturer's instruction PDF sheet can be viewed at:  
<http://www.novonordiskcare.com/downloads/novopen-junior-package-insert.pdf>

## Humalog Kwik pen ®



- Disposable Pen device delivering from 1 unit to 60 units of Humalog insulin
- Packaged 5 disposable pens to a box

- The pen will not dial a dosage greater than that remaining in the pen
- Cartridge is good, once pierced, for 30 days
- Store at a comfortable room temperature when in use (store yet to be used cartridges in the refrigerator.)
- Manufacturer's instructional video can be viewed at: <http://www.humalog.com/humalog-insulin-pens/how-to-use-humalog-kwikpen-insulin-pen.jsp>

## NovoLog Flexpen®



- Disposable Pen device delivering from 1 unit to 60 units of Novolog insulin
- Packaged 5 disposable pens to a box
- The pen will not dial a dosage greater than that remaining in the pen
- Cartridge is good, once pierced, for 30 days
- Store at a comfortable room temperature when in use (store yet to be used cartridges in the refrigerator.)
- Manufacturer's instructional video can be viewed at : <http://www.novonordisk.com/diabetes/public/insulinpens/flexpen/quickguide.asp>