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Subject	Changing the syringes on an Atlas syringe pump
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1. Make sure the pump is in Dual Dosing mode.
2. Firstly, access the 'OTHER COMMANDS' in the pump menu.

```
→3) OTHER COMMANDS  
4) CONFIGURATION
```

3. Select 'EMPTY SYRINGE' and empty the contents of the syringe safely.

```
→5) EMPTY SYRINGE  
6) INITIALISE
```

4. Now use the 'FILL SYRINGE' command and fill from a port that is not connected to any fluid.

```
→4) FILL SYRINGE  
5) EMPTY SYRINGE
```

5. With the syringe plunger now at the bottom, unscrew the connecting screw and remove from the pump.



- The Syringe can now be safely unscrewed and removed. Screw in the new syringe and fasten the screw through the plunger.



- Once the syringe is physically attached, go to the syringe pump menu and select 'CONFIGURATION'.

```
3) OTHER COMMANDS  
→4) CONFIGURATION
```

- In the configuration menu, change the syringe volume setting to your new syringe volume.

```
→2) SYRINGE: 5000.0µ  
3) VALUE TYPE: 2
```

→

```
→1) FILL@ 100.0ml/mi  
2) SYRINGE: 25000.0
```

- Change the fill speed to approximately 4 times the working syringe volume. This will allow good performance across all the syringe types. You can change this value to better suit your needs.
- Finally, select 'INITIALISE' to store all the settings. The syringe pump is now ready for use.

```
5) DEFAULT EMPTY: B  
→6) INITIALISE
```