



# SYDMED PTY LTD

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## **Dorado KT Transducer Dome Setup Procedure**

Note: Setup procedure is identical for both Pves and Pabd

### **Step 1**

Remove the transducer protector (if fitted) from the transducer, by depressing the locking tab on the right side of the cover and sliding it upwards.

### **Step 2**

Attach a disposable transducer dome (part: MX960) to the transducer, by ensuring the locking tab is on the right hand side and sliding it downwards onto the dome. Make sure the transducer dome locks into place – you should hear an audible ‘click’.

### **Step 3**

Attach a 3-way stopcock (part: 636.03.000) to the bottom of the transducer dome. One nozzle should point left and the other should point downwards. The nozzle pointing left should also be positioned on an angle slightly outwards from the transducer (this allows room for a 20ml syringe to be attached). The tap should be positioned as shown in the picture.



### **Step 4**

Attach the 1 meter extension tubing (part: 637.16.100) to the top of the transducer dome by using the 3-way stopcock that is attached to it. The unused nozzle should be positioned on the right side and the tap should be positioned as shown in the picture.





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## **Step 5**

Attach a 20ml syringe (filled with saline or water) to the bottom stopcock as shown, and flush/prime the line. Ensure there are no air bubbles in any part of the transducer dome and extension tubing. Once primed, turn the tap on the bottom stopcock anti-clockwise 1/8<sup>th</sup> of a turn to lock it off.



***Flush/Prime  
Position***



***Locked Off  
Position***

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You are now ready to complete the **Dorado KT Transducer 'Zero All'**  
Procedure

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## Dorado KT Transducer 'Zero All' Procedure

### Step 1

Check that the Uroflow transducer is ready with an empty beaker in place.

### Step 2

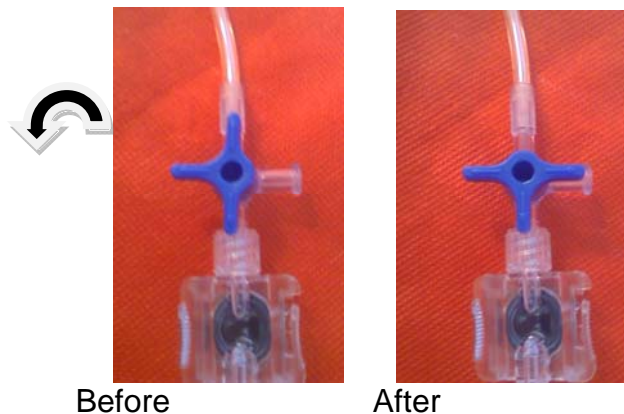
Check that the saline bag is in place (it is preferable that there is enough saline for the entire study as this avoids zeroing and offsetting the transducer settings during the study).

### Step 3

Check that the transducers are level with the position of the patient.

### Step 4

Turn the top stopcock on both **Pves** and **Pabd** anti clockwise  $\frac{1}{4}$  of a turn. This will open the transducer to air without opening the patient line to air.



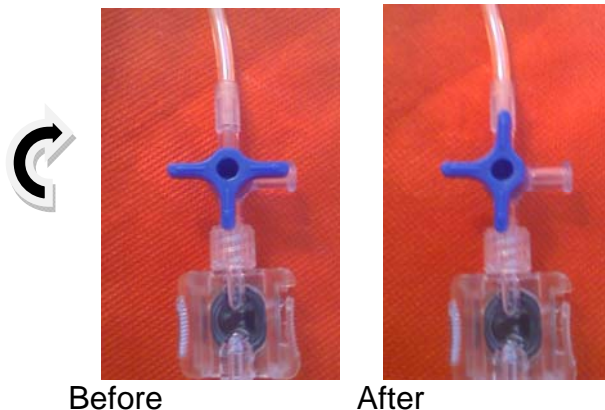
### Step 5

On the Dorado KT screen, use the mouse to click on the 'Zero All' button. This will zero all transducers.



## Step 6

Turn the top stopcock on both **Pves** and **Pabd** clockwise  $\frac{1}{4}$  of a turn. This will connect the transducer dome to the patient line ready for the study.



**Important: if you turn the stopcock anti-clockwise, you will introduce air bubbles into the line. If this occurs, you must prime the transducer dome and extension tubing again (as per Transducer Dome setup procedure), and then recommence this procedure.**

## Step 7

Catheterise the patient and insert the rectal balloon (note: rectal balloon should have a cut in it). Connect the catheter and balloon to the extension tubing from the appropriate Transducer Dome. Turn the bottom stopcock for **Pves** and **Pabd** clockwise  $\frac{1}{8}$ <sup>th</sup> of a turn. Using the 20ml syringes, prime the catheter and balloon. Turn the bottom stopcocks anti-clockwise  $\frac{1}{8}$ <sup>th</sup> of a turn.



**Flush/Prime**

**Locked Off**

**Position**

**Position**

**You are now ready to begin the Urodynamics Study**