

## Handpiece Connections/ Connections pour pièces à main



**Dalhousie University .....2**  
**McGill University .....3**  
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## Console Image

Air Pressure 42-45 PSI



Lowspeed

Highspeed

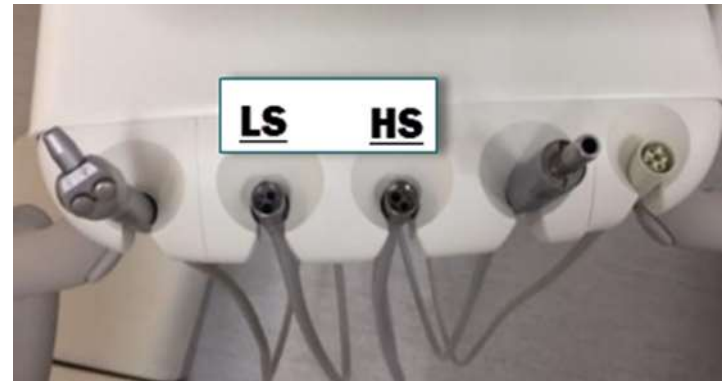
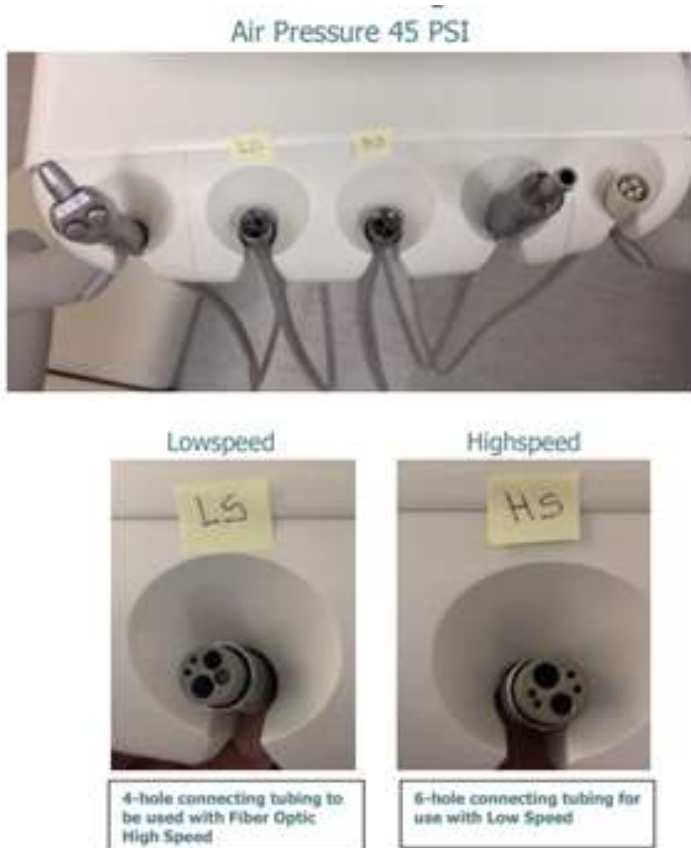


- Standard 4-Pin configuration
- Non-lighted
- No coolant spray

- 6-Pin configuration
- Fibre Optic Cable
- Voltage output at the handpiece is a fixed 3.7 Vdc

Although use of fiber optics is recommended, a 4-Pin handpiece will function on the 6-hole connection.

## Console Image Air Pressure 45 PSI

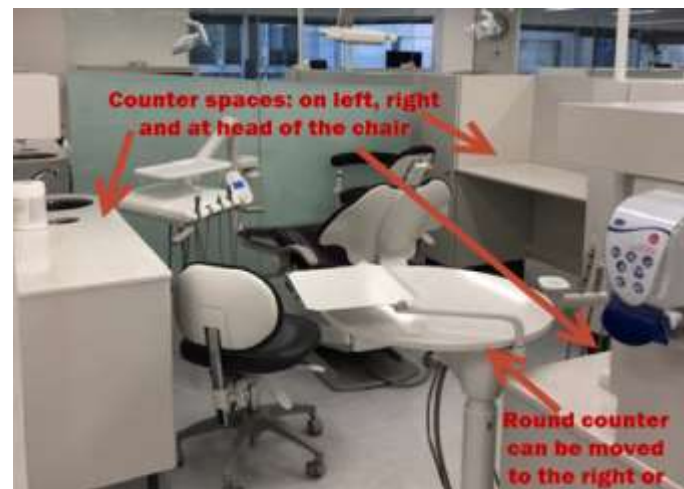


Although use of fibre optics is recommended, a 4-hole (non-bayonet style) handpiece will function on the 6-hole connection. The basic air pressure is set at 45 PSI (for both the high and low speed). When attaching the handpieces to them, the pressure will vary depending on the brand of handpieces used.

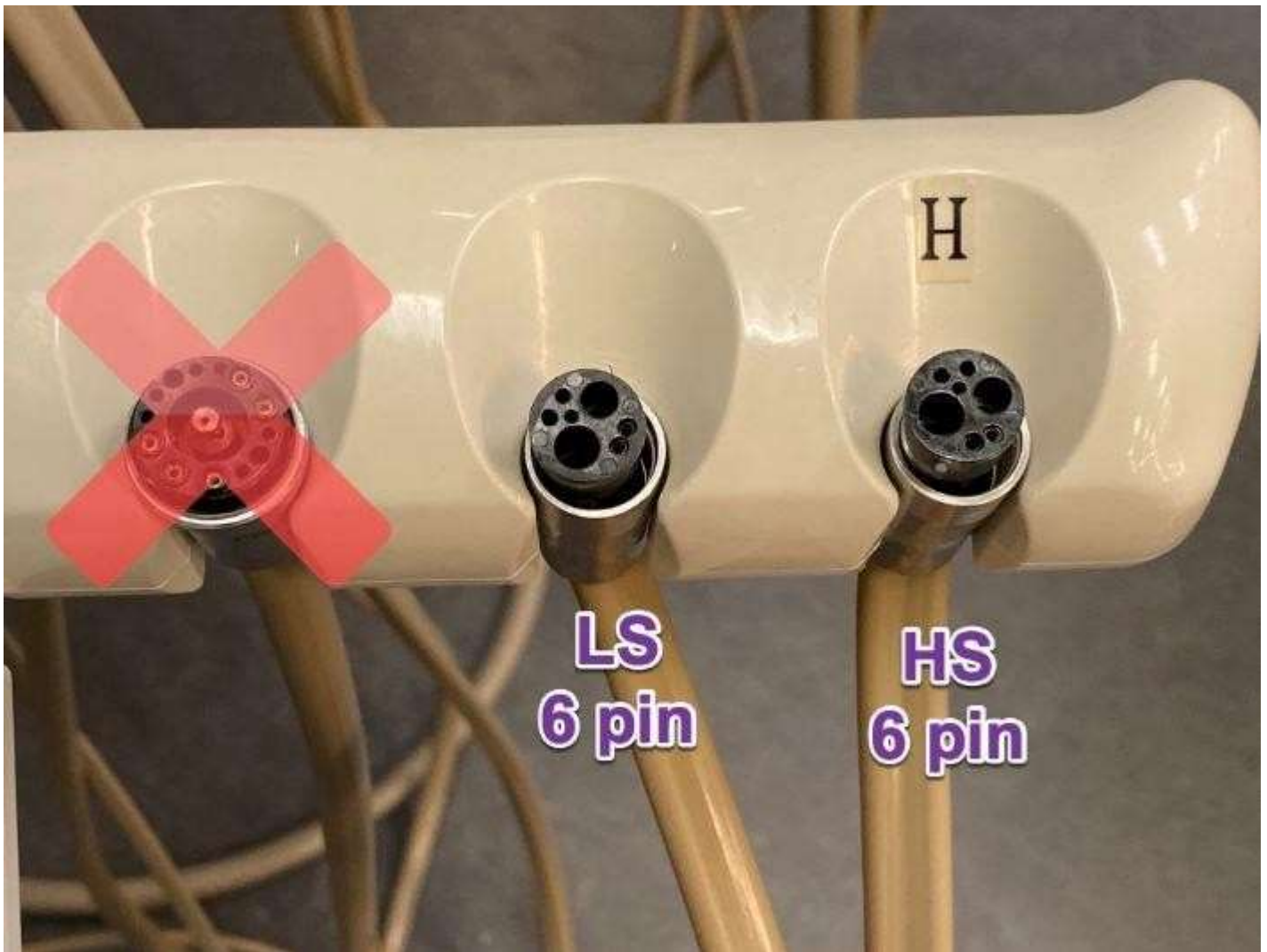
### Left Handed Operator:

For a "left handed" operator, there is a counter space located on the left side of the chair in addition to the ones on the right side and at the head of the chair.

The position of the handpieces on the console is the same as for the right handed operator.



## Image de la console/Console Image Pression d'air/ Air Pressure 40



Les connexions pour la pièce-à-main à haute vitesse (turbine) et la pièce-à-main à basse vitesse (tour lent) ont la même configuration. Il s'agit d'un coupleur à fibre optique de 6 trous (6-pins fibre optic coupler).

The highspeed handpiece and low speed handpiece have the same connector. It is a 6-pin fibre optic coupler.

## Console Image

Air Pressure 44-55 PSI



This clinic has been designed to primarily support electric handpieces but does have one 6-hole tubing for air turbine handpieces. It is not equipped with 2 air turbine tubings and, therefore, cannot have both slow speed and high speed air turbine handpieces attached at the same time. In order to change between a slow speed and a high speed air turbine handpiece, it is necessary to physically detach the first handpiece and install the second handpiece.

It is recommended that all participants use electric handpieces that have an 'e' style connection. Arrangements can be made with the University of Alberta to use 2 electric handpieces. No rental fee will be charged but the University of Alberta will require a deposit.

All of the chairs in the clinic can be right or left, and can switch easily.



**Console Image**  
Air Pressure 40 PSI



Lowspeed



Highspeed



**Console Image**  
Air Pressure 40-42 PSI



Lowspeed



Highspeed



Although use of fibre optics is recommended, a 4-hole (non-bayonet style) handpiece will function on the 6-hole connection.



## Console Image

Air Pressure 40-42 PSI



University of Toronto has Kavo Environment and Belmont dental units. Each unit has two high-speed (HS) fiber optic 6-hole handpiece connections and one slow-speed (SS) non-fiber optic Midwest style handpiece connection.

The slow-speed handpiece connection has no water and cannot be used with a high-speed handpiece.

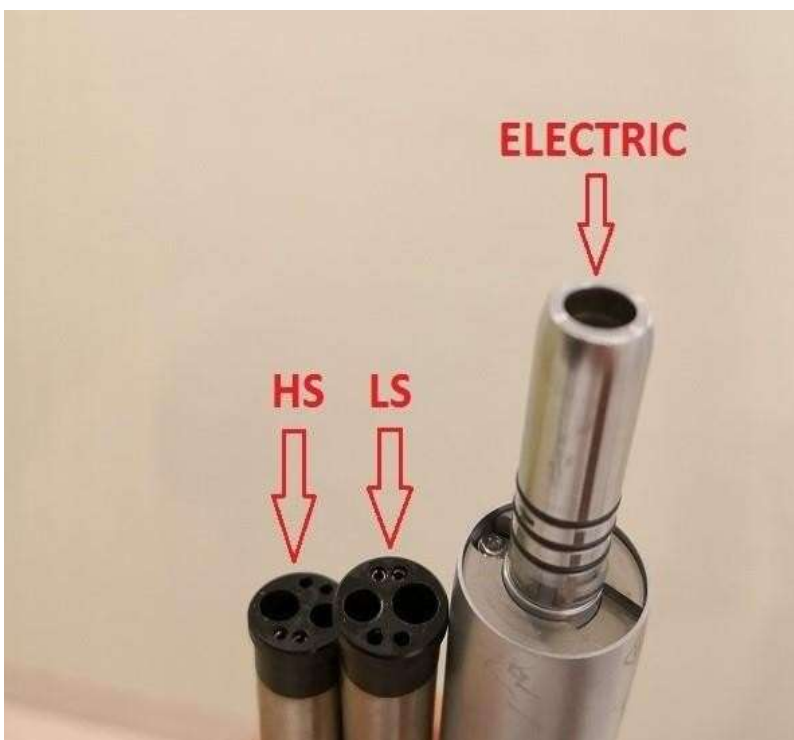
Although use of fibre optics is recommended, a 4-hole (non-bayonet style) handpiece will function on the 6-hole connection.

**Console Image**  
Air Pressure 42 PSI



Universal connector of the handpiece hose from our Planmeca dental unit. Two piece hoses that can connect to highspeed and slowspeed handpieces, one at each chair.

Either 4-pin slowspeed or 6-pin highspeed handpiece can be connected to the hose. Most 4-hole hand pieces will connect to the 6- hole connector.



Highspeed: typical 4-pin

gasket Lowspeed: typical 6-

pin gasket