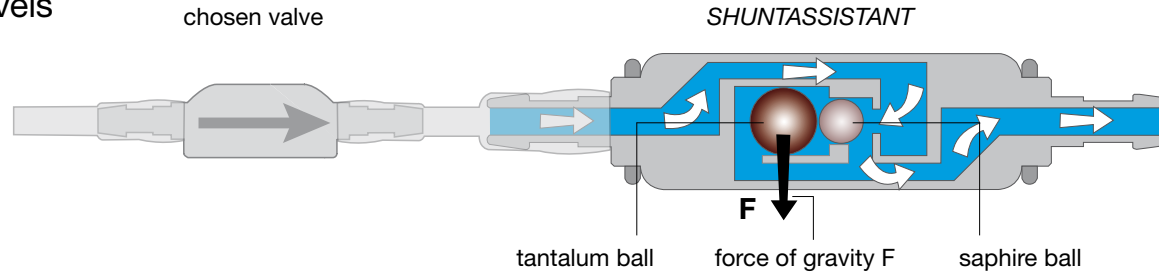


## Recommendation of pressure levels



### Horizontal position

In the horizontal position the *SHUNTASSISTANT* doesn't have any influence on the opening pressure. Only the chosen valve (fixed or programmable) determines the opening pressure of the whole shunt system.

### SHUNTASSISTANT

$$\text{opening pressure of the whole shunt system} = \text{opening pressure of the chosen valve} + 0 \text{ cmH}_2\text{O}$$

### Vertical position

In the vertical position the opening pressure of the complete shunt system is the sum of the opening pressure of the chosen valve and the opening pressure of the *SHUNTASSISTANT*.

In many cases this recommendation was useful:

### Recommendation:

### SHUNTASSISTANT

$$\text{opening pressure of the whole shunt system} = \text{opening pressure of the chosen valve}$$

children up to 5 years	<b>20</b> cmH <sub>2</sub> O
+ children over 5 years adults up to 60 years	<b>25</b> cmH <sub>2</sub> O
adults over 60 years	<b>20</b> cmH <sub>2</sub> O

### Mobility

Standard pressure levels are suitable for active people. Bedridden patients should not be treated with a *SHUNTASSISTANT*.

### Height

The hydrostatic suction effect normally depends on the height. Therefore we recommend the following corrections for the choice of the *SHUNTASSISTANT*:

- < 1,60 m height: - 5 cmH<sub>2</sub>O
- > 1,80 m height: +5 cmH<sub>2</sub>O

### Overweight

The peritoneal pressure inhibits drainage. Therefore the use of the gravitational unit should be considered for overweight patients as a function of body-mass-index (BMI):

25-29 BMI	-5 cmH <sub>2</sub> O below standard recommendation
30-34 BMI	-10 cmH <sub>2</sub> O below standard recommendation
35-39 BMI	-15 cmH <sub>2</sub> O below standard recommendation
>40 BMI	no <i>SHUNTASSISTANT</i> necessary

The recommendations are based on common patient treatments, but can vary depending on the individual patient's condition.