**Why your choice of breast shield is key to successful pumping**

### Understanding your breast anatomy
Breasts come in all shapes and sizes, and can change throughout your breastfeeding journey. The size of your breast might not correspond to your nipple size, and each of your nipples can be different sizes too.

- **Your milk ducts increase in size by 68% during a let down.** This is to accommodate all the milk flowing through them towards your nipple.
- **Your nipple diameter may increase temporarily by 2 to 3 mm.** So your breast shield tunnel needs to be slightly bigger than your nipple.

### What happens when you breastfeed or pump

- **Your milk ducts increase in size by 68% during a let down.**
- **Your nipple diameter may increase temporarily by 2 to 3 mm.**
- **Your milk ducts lie close to the skin’s surface.** Pressing the breast shield too hard or using a tunnel that’s too small can obstruct milk flow.

### Why comfort makes a difference to successful pumping

1. **Using a correctly fitting breast shield is important for you to be relaxed and comfortable while pumping and helps your milk to flow.**
2. **Pumping shouldn’t hurt.** It is important to adjust the vacuum to the highest comfortable level during the expression phase to help remove more milk in less time.
3. **Your nipple should be centred and moving freely in the tunnel during pumping.** If it doesn’t, you need to choose another size breast shield.
4. **Selecting a pump with overflow protection – sometimes called a closed system – will allow you to pump in a position that works for you.**

Find our breast shield fitting guide at [www.medela.com/fittingguide](http://www.medela.com/fittingguide) and read more at [www.medela.com/pumping](http://www.medela.com/pumping)

### References