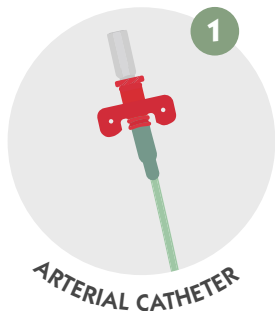
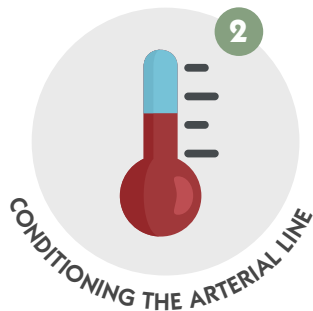


# 4 KEYS TO AVOID RESONANCE IN THE BLOOD PRESSURE WAVEFORM

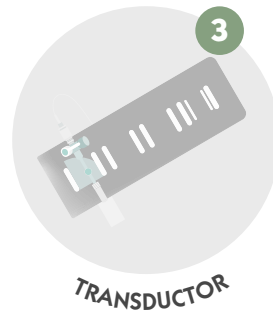


► Catheter suitable in length, diameter and material.

► Polyethylene is considered the ideal material for arterial cannulation.

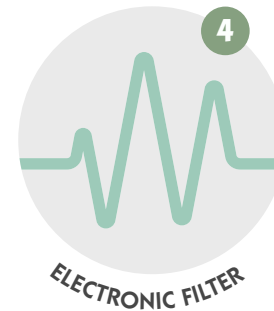


► Condition the arterial line to the patient's body temperature (1 hour).



► Monitoring systems are characterised by the natural frequency, which quantifies how fast the system oscillates and will generate possible resonance phenomena.

► Transducer adapted to the patient: the characteristics of a child, a neonate and an adult are not the same.



► The electronic filter automatically analyses the specific characteristics of the arterial pressure waveform and, when necessary, applies a filter to normalise the signal.

► A dynamic electronic filter is available in the P.R.A.M. method and has been demonstrated to be effective.