

Fact Sheet

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Non-invasive monitoring

- Non-invasive monitoring applications are cost-efficient.
 - ¹²Non-invasive monitoring is fast and cost-efficient. (Sackl-Pietsch 2008)
 - The acquisition costs for non-invasive blood pressure monitoring (CNAP) are written off after about 22 invasive arterial blood pressure measurements by catheter.
 - No consumables are used in non-invasive blood pressure monitoring (CNAP).
 - With minimal training, nursing staff can use non-invasive methods to take continuous blood pressure measurements.
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- Non-invasive monitoring applications reduce complications.
 - Non-invasive blood pressure monitoring (CNAP) can reduce the risk of haemorrhages and hematomas caused by invasive arterial blood pressure measurement.
 - Non-invasive monitoring applications reduce the risk of hospital-acquired infections, as it is not necessary to insert a medical instrument into the body.
 - Non-invasive blood pressure monitoring (CNAP) allows faster diagnosis, as it can also be created by nursing staff, thus allowing the faster introduction of suitable measures.
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- Non-invasive monitoring applications can improve patient well-being.
 - Non-invasive monitoring avoids pain, as no medical instrument must be inserted into the body.
 - ⁴Non-invasive monitoring can reduce the risk of hospital-acquired infections.

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Bibliography

- Sackl-Pietsch 2008: Elisabeth Sackl-Pietsch. CNAP™ (Continuous non-invasive arterial pressure) shows high accuracy in comparison to invasive intra-arterial blood pressure measurement. CNSystems/Dräger-Whitepaper 2008.