

CONTINUOUS NONINVASIVE BLOOD PRESSURE & HEMODYNAMICS

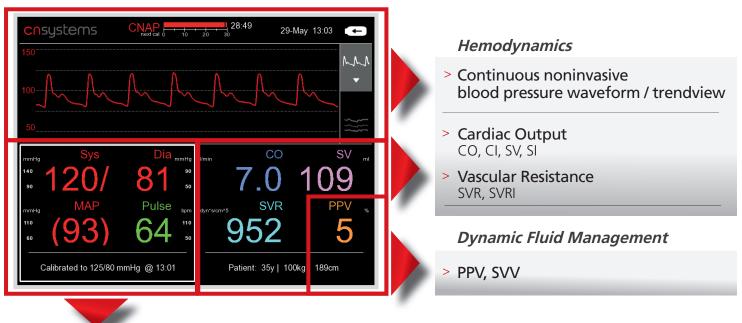
THE NEXT GENERATION OF NONINVASIVE MONITORING





CONTINUOUS NONINVASIVE HEMODYNAMIC CONTROL

FULL HEMODYNAMIC PICTURE



> Continuous Blood Pressure: Sys, Dia, MAP, Pulse and Upper arm NBP: Sys, Dia

CONVENIENT CNAP® FINGER SENSOR



NONINVASIVE

EASY-TO-USE AND QUICK

- > Quick set-up and error-free application
- > Blood pressure waveform and values immediately available

ACCURATE AND RELIABLE

- > Comparable with invasive clinical standards^{1-11, 21}
- > Reliable tracking (e.g. in patients with volatile blood pressure; during Goal Directed Therapy)
- > Noninvasive hemodynamic monitoring can be used as an addition to arterial line

COST EFFECTIVE

> Up to 77% cost savings through reusable CNAP® double finger sensor

EASY-TO-USE QUICK START UP **COST EFFECTIVE**



PROVEN ACCURACY IN CLINICAL SETTINGS

- > CNAP[®] measurements are comparable to invasive arterial line measurements in terms of continuity, accuracy and waveform dynamics.^{1,2,3}
- > CNAP® delivers reliable results for the efficient treatment of ICU and ER patients.^{4,5,6,7}
- > CNAP[®] provides immediate hemodynamic status and detects blood pressure drops during the induction of anesthesia.8
- > CNAP[®] shows outstanding performance in monitoring pediatric patients without an arterial catheter.^{9,10}

EASY & RELIABLE TOOL FOR RESEARCH 11,12,13, 14

- > Noninvasive measurement
- > Easy-to-use: all from one sensor
- > Reliability clinically validated

FAST & ACCURATE HEMODYNAMIC OVERVIEW^{16,17}

- > Early recognition¹⁵
- > Fast intervention
- > Detection of hemodynamic reactions
- > ... without arterial catheter

REDUCING RISK & IMPROVING OUTCOME THROUGH GOAL DIRECTED THERAPY

- > Noninvasive CNAP® PPV / SVV is an accurate predictor of fluid responsiveness in anaesthetized patients.18,19
- > Goal directed therapy with CNAP[®] HD significantly reduces postoperative infections, organ complications and number of transfusions.²⁰
- > Noninvasive CO with CNAP® HD performs comparably to invasive CO monitoring.²¹

"Given the fact that CNAP[®] is a reliable device to assess the arterial AP continuously, [...] its noninvasiveness facilitates its use for any operation with a need to assess, document, and maintain hemodynamic stability."1

"CNAP® can be used as an alternative to intra-arterial pressure" ⁴

- Jeleazcov, C. et. al. Precision and accuracy of a new device (CNAP®) for continuous noninvasi ve arterial blood pressure monitoring: assessment during general anaesthesia. BJA. 105(3):264-272 (2010).
- Ilies, C., Investigation of the agreement of a continuous non-invasive arterial pressure device in comparison with invasive radial artery measurement. BJA. 108(2):202-10. doi: 10.1093/bja/aer394 (2012).
- Biais, M. et. al. Continuous non-invasive arterial pressure measurement: Evaluation of CNAP™ device during vascular surgery. Ann Fr Anesth Reanim, doi:10.1016/j. annfar. 2010.05.002 (2010) 3
- Jagadeesh, AM., A comparison of a continuuous noninvasive arterial pressure (CNAP™) monitor with an invasive arterial blood pressure monitor in the cardiac surgical ICU. Ann Card Anaesth. Jul-Sep;15(3):180-4. doi: 10.4103/09719784.97973 (2012).
- Ann Card Anaesth. Jur-sep, 15(3):180-4. doi: 10.4103/09/19784-9797 (2012).
 Silies, C. et al. Comparison of a continuous noninvasive arterial pressure device with invasive measurements in cardiovascular postsurgical intensive care patients: A prospective observational study. European Journal of Anaesthesiology, 31, 1–9. doi:10.1097/EJA.000000000001366 (2014).
 Wagner, J. Y. et al.Noninvasive continuous versus intermittent arterial pressure monitoring: evaluation of the vascular unloading technique (CNAP device) in the emergency department. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 22(1), 8. doi:10.1186/1757-7241-22-8 (2014).
- Wagner, J. Y. et al. Continuous noninvasive arterial pressure measurement using the volume clamp method : an evaluation of the CNAP device in intensive care unit patients. J Clin Monit Comput, online. doi:10.1007/s10877-015-9670-2 (2015).
- Kumar, A., et al. Evaluation of continuous non invasive arterial pressure monitoring during induction of general anaesthesia in patients undergoing cardiac surgery. Indian J Anaesth, 59(1), 21–25. doi:10.4103/0019-5049.149444 (2015).
- Indian J Anaesth, 59(1), 21–25. doi:10.4103/0019-5049.149444 (2015).
 9 Kako, H. et al. Accuracy of the CNAP[™] monitor, a noninvasive continuous blood pressure device, in providing beat-to-beat blood pressure readings in pediatric patients weighing 20-40 kilograms. Paediatric Anaesthesia, 1–5. doi:10.1111/pan.12173 (2013).
 10 Dewhirst, E. et al. Accuracy of the CNAP monitor, a noninvasive continuous blood pressure device, in providing beat-to-beat blood pressure readings in the prone position. Journal of Clinical Anesthesia, 1–4. doi:10.1016/j.jclinane.2013.01.01(2013).
 11 Gonzales, J. U. et al. Arterial stiffness is higher in older adults with increased perceived fatigue and fatigability during walking. Experimental Gerontology. doi:10.1016/j.exger.2014.12.005 (2014).

- 12 Lee JF, et a. The magnitude of heat-stress induced reductions in cerebral perfusion does not predict heat-stress induced reductions in tolerance to a simulated hemorrhage Journal of Applied Physiology, 114(1), 37-44. (2013).
- Journal of Applied Physiology, 114(1), 57–44. (2013).
 13 Sng, B. L. et al. Closed-loop double-vasopressor automated system vs manual bolus vasopressor to treat hypotension during spinal anaesthesia for caesarean section: a randomised controlled trial. Anaesthesia, 1–9. doi:10.1111/anae.12460 (2013).
 14 Cornick, J. E. et al. Consequences of objective self-awareness during exercise. Health Psychology Open, 2(2), 2055102915598088. doi:10.1177/2055102915598088 (2015).
 15 Benes, J., et al. Continuous non-invasive monitoring improves blood pressure stability in upright position: randomized controlled trial. Journal of Clinical Monitoring and Computing. doi:10.1107/c1087-014-958-2 (2014).
- doi:10.1007/s10877-014-9586-2 (2014).
- 16 Ilies, C.et al. Detection of hypotension during Caesarean section with continuous non-invasive arterial pressure device or intermittent oscillometric arterial pressure measurement. British Journal of Anaesthesia, 3–9. doi:10.1093/bja/aes224 (2012).
- Journal of Anaestnesia, 3–9. doi:10.1093/bja/aes224 (2012). 17 Siebig, S. et al. Continuous non-invasive arterial pressure technique improves patient monito-ring during interventional endoscopy. International Journal of Medical Sciences, 6(1), 37–42. Retrieved from http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2631161&tool=p mcentrez&rendertype=abstract (2009).
- 18 Biais, M. et al., The ability of pulse pressure variations obtained with CNAP™ device to predict fluid responsiveness in the operating room; Anesthesia and analgesia, 523-28 (2011).
- 19 Monnet, X. et al., Prediction of fluid responsiveness by a continuous non-invasive assess ment of arterial pressure in critically ill patients: comparison with four other dynamic indices. British Journal of Anaesthesia (2012).
- 20 Benes, J et al. Fluid management guided by a CNAP device is associated with decreased postoperative morbidity after total knee and hip replacement. BMC Anesthesiology, 15(1), 148 (2015).
- 21 Wagner, J. Y., et al. A comparison of volume clamp method-based continuous noninvasive cardiac output (CNCO) measurement versus intermittent pulmonary artery thermodilution in postoperative cardiothoracic surgery patients. Journal of Clinical Monitoring and Computing, 1–10. http://doi.org/10.1007/s10877-017-0027-x (2017).

TECHNICAL SPECIFICATIONS

Dia: 30 - 210 mmHg Pediatric 40 - 230 mmHg Mean: 35 - 230 mmHg Dia: Adult 20 - 200 mmHg, Pulse rate: 30 - 200 bpm Degree of protection BF (defibrillation proof) Automatic scaling to brachial pressure (NBP) Degree of protection BF (defibrillation proof) Automatic scaling to brachial pressure (NBP) CNAP* HEMODYNAMICS: CO, CI, SV, SVR, SVI, SVRI Degree of protection BF (defibrillation proof) Automatic scaling to brachial pressure (NBP) O 0.0 - 15 //min CI 0.0 - 8 //min/m² O SVR 0 - 2000 ml SI 0 - 100 m/h² O O O SVR 0 - 2000 dyne*s/cm ⁵ SVRI 0 - 6000 dyne*s/m²/cm ⁵ O O CLUD RESPONSIVENESS: CNAP* PPV AND SVV Veasuring range PPV: 0.2 - 40%; SVV: 0 - 40% ELECTRICAL Value O - 240 VAC Battery: sealed lead-gel, operating time: 2 hours (fully charged battery) PHYSICAL Veight 7,5 kg (16,5 lbs) including accessories and cables - 40°C (32°F - 104°F) NURONMENTAL Efferedrature operation: 10°C - 40°C (50°F - 104°F) storage: 15% - 95%, non condensing, storage: 500 - 1060 hPa Size 8,4 inch diagonally JSER INTERFACE Storage: 500 - 1060 hPa st		NINVASIVE ARTERIAL PRESSUF		LOMETRIC BLO			
Mean: 35 - 230 mmHg Dia: Adult 20 - 200 mmHg, Pulse rate: 30 - 200 bpm Perediatic 20 - 160 mmH Degree of protection BF (defibrillation proof) Automatic scaling to brachial pressure (NBP) Degree of protection BF (defibrillation proof) Measuring range C0 0.0 - 15 Vmin C1 0.0 - 8 Vmin/m² SV 0 - 3000 dyne*xcm² SVR 0 - 3000 dyne*xcm² VUID RESPONSIVENESS: CNP* PV ADD SVV V V Veasuring range PV / 0.2 - 40%; SVV. 0 - 40% EECTRICAL SVX 0 - 6000 dyne*xcm² Veilogith 7,5 kg (16,6 lbs) including accessories and cables operating time: 2 hours (fully charged battery) Supply frequency -50/60 Hz -50% non condensing storage: 0°C - 40°C (32°F - 104°F) HysickL 280 x 270 x 250 mm (11 x 10,6 x 9,8 inch) Storage: 0°C - 40°C (32°F - 104°F) Nimindly operation: 10°C - 40°C (30°F - 104°F) storage: 500 - 1060 hPa SCREEN FFLCD, 800 x 600 pixel storage: 500 - 1060 hPa storage: 500 - 1060 hPa SCREEN FFLCD, 800 x 600 pixel storage: 500 - 1060 hPa storage: 500 - 1060 hPa SCREEN FFLCD, 800 x 600 pixel storage: 500 - 1060 hPa storage: 500 - 1060 hPa SCRE	Measuring range			Measuring range			
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The CNAP® Monitor is CE approved. All parameters in section "CNAP® hemodynamics" and "fluid responsiveness" currently have no FDA clearance.

CNAP[®] – Setting new standards for continuous and noninvasive hemodynamic monitoring.





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