

CNAP™ Monitor 500 – Quick Manual

CNAP Cable ①

CNAP Controller ②



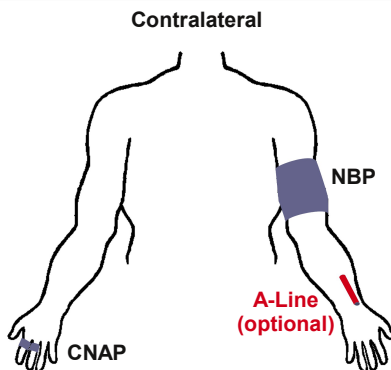
③ CNAP Monitor

④ NBP Cuff

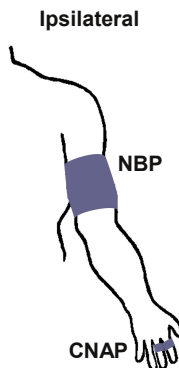
⑤ CNAP Finger Cuff

During measurement pay attention to

1 Setup



During measurement of interarterial BP the CNAP finger cuff **MUST NOT** be attached to the same arm.



- Selection of the correct size of NBP cuff and CNAP finger cuff

2 Anesthesia induction

- Induction must not start before **CNAP™** values are displayed!

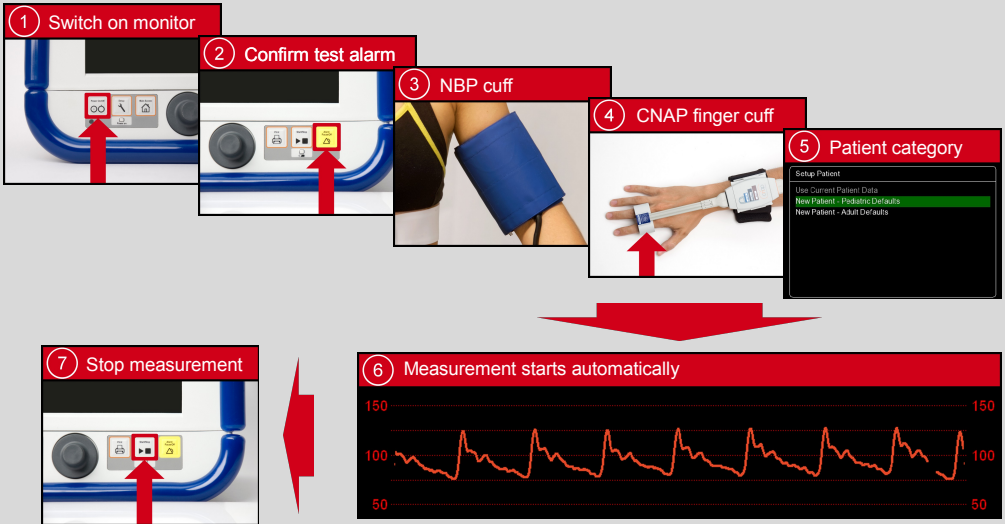
3 Surgery

- Optimal: NBP interval = 15 min, CNAP interval = 30 min
- Positioning of patients: Put no external pressure on the CNAP finger cuff
- On relocation check position of finger cuff and trigger manual change finger. If required stop measurement, reposition cuff and restart measurement.
- On repositioning of the arm with the finger cuff: trigger NBP

4 Anesthesia reversal

- Artifacts at end of OP (repositioning ...)
- Stop CNAP measurement when patient wakes up (movement artifacts)

Starting the measurement



Indications

Unstable hemodynamics	Patients	Surgery
<ul style="list-style-type: none"> - Induction - Cardiovascular reaction - Pain - Reversal (vessels...) 	Cardiovascular instability <ul style="list-style-type: none"> - Cardiovascular disease - Patients with ASA II-III Outpatient surgery <ul style="list-style-type: none"> - Unclear medical history 	Surgery in supine position with few movement artifacts with expected unstable hemodynamics and/or aggressive BP management <ul style="list-style-type: none"> - Abdominal surgery - Laparoscopy - Gynecology - Vascular surgery - Urology - Neurosurgery Regional anesthesia

Contraindications

Contraindication	Examples
1. Poor peripheral perfusion	<ul style="list-style-type: none"> - shock, centralization (pathological or induced) - hypothermia
2. Peripheral arteriosclerotic vascular diseases	<ul style="list-style-type: none"> - arteriosclerosis of the upper extremities - primary and secondary Raynaud's Syndrome - endarteritis obliterans - collagenosis of the finger arteries
3. NBP problems	<ul style="list-style-type: none"> - patients with frequent arrhythmia - patients with tremor - weight: < 40 kg or > 180 kg BMI > 35 - vascular implant (at NBP and finger cuff arm)
4. Indication of the artery (e. g. blood gases)	<ul style="list-style-type: none"> - ICU patients - edematous patients