Fixing of the nCPAP Generator

Connect the selected nasal prong to the sterile Medijet®, the loops must point downwards. Switch the generator on and adjust the flow. Put the bonnet onto the baby’s head, do not choose a too small one, it must fit loosely.

Fix the ribbons of the bonnet through the downwards pointing loops of the prong or mask. Insert prong with the adjusted Medijet® into the baby’s nostrils. Fix the ribbons at the Velcro; below the ears and never over the eyes!

Take care that the ribbons are not tightened too much; they merely keep the generator with the prong in mid-position.

Important: Please insert prong only halfway into the nose!

Adjusting of the bonnet enables the optimal, not too tight fit.

Important for choice of nasal prong & neo mask:
- Always use the largest possible prong.
- The tighter — the better the nCPAP.
- Change for every patient, For single use only.
- Do not sterilize or use liquid desinfecion, it hardens during sterilization.
- A risk to harm the nostrils.
- Do not use force, it can break.
- Official medical rules for disposables are to be applied.

Distributors worldwide

For flow connect the quick tube to a flow generator and the thin tube to a pressure indicator.

The flow at the blender or at the driver is set to approximately 8 l/min; the nasal connection has to be closed with the fingers.

The setting must result in a pressure of approximately 5 cm/H2O at the pressure indicator.

Connection & Functional test

Users manual

Medijet® nCPAP System

· Active nCPAP Generator with low noise design & drug inhalation
· From the first minute of life

www.medin-innovations.com

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Lindberghstr. 1
D-82178 Puchheim

Phone: +49 89 80670850
Fax: +49 89 80048476
info@medin-innovations.com

MedinJet® nCPAP System

· Active nCPAP Generator with low noise design & drug inhalation
· From the first minute of life
Medijet® 1000

For single use

A) Nebulized drugs
B) nCPAP measurement
C) Driveflow inlet
D) Driveflow outlet
E) Drug nebulizer Port or
F) Cap for close down
G) Benveniste Valve
H) Volume reservoir

Advantages of the CPAP Medijet® Generator:
- Reduction of work of breathing
- Non aggressive flow application
- Reduction of stomach expansion
- Increase of FRC and improvement of compliance
- Low noise level
- Reduction of RDS
- No constant flow into patient
- Benveniste principle with volume reservoir
- Inertial CPAP measurement
- Keeps CPAP in the lung stable as much as possible
- Regulation and compensation of leak
- Safety and easy as much as possible
- Perfect combination in use with medin-cno driver

Using the active generator Medijet® results in more constancy of CPAP pressure. If the Medijet® is used with the push function (delivery room) surfactant need can be less.

With Medijet® less barotrauma, lower CPAP level can be used, better effect as Surfactant.

The Medijet® has an integrated drug inhalation port for nebulized drugs. Drugs can be applied up to the alveoli, depends on particle size.

Medin-cno nCPAP unit

The new "medin-cno" Gentle breathing support and monitoring of premature and time born infants

Artikelnr.: 3080

Medin-cno is used as stationary CPAP driver for the nCPAP therapy of neonates and premature infants treated in combination with the nCPAP generator Medijet® in intensive care units.

Medin-cno may only be used in combination with simultaneous and constant hemodynamic monitoring of the patient, only by trained medical personnel and only during clinical use.

Medin-cno offers four different modes:
- CPAP
- Awake CRNP
- Support ventilation by synchronized pushes
- Oscillation

nCPAP measurement

Display of nCPAP pressure in analogue curve and digital form
Display of oxygen concentration in bargraph and digital form
Display spontaneous breathing frequency in blinking and digital form
Display of flexible setting upper and lower alarm for nCPAP pressure
Resets alarms – mute 2 minutes or quit
Disconnection alarm for nCPAP (if patient is lower than 1,5 cm H20)
Integrated service software
Batterie operating for about 5 hrs. with charging control
FiO2 Trend, assist manual breathing with set 11820

Medinet® nasal CPAP system for neonates and babies

Medinet® disposable version:
- Single use
- Small, Medium, Large, X-Large
Part no.: 1200-04, 1200-05, 1200-08, 1200-07

Nasal mask for Medinet®:
- Single use
- 8 different sizes: Mono, Small, Medium, Large, X-Large, Wide
Part no.: 1200-01, 1200-21, 1200-02, 1200-22, 1200-03
1200-33

Nasal prong for Medinet®:
- Single use
- 7 different sizes: XS to XXXL
Part no.: 1214-10, 1215-10, 1216-10, 1217-10, 1218-10, 1219-10, 1220-10

Bonnet for Medinet®:
- Reusable
- 8 different sizes: XS to XXXXL
Part no.: 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221

Medinet® easy gasblender for O2 and air with watercolumn

Artikelnr.: 1085-15

Compact gas mixer for air and oxygen (tubeless construction)
Range deep into 21% to 100% of oxygen
Integrated flowmeter with range 0 to 16 l/min
Alarm system for gas supply drop (Air oder O2)
Inlet pressure for air and oxygen 3.5 to 6 bar [100 psi]
Outside connector universal for tubes and H20 bottles
Clamp unit for rail mounting

All kinds of tube circuits available.
Functions & advantages

Medijet® 1000

For single use

A) Nebulized drugs
B) nCPAP measurement
C) Driveflow inlet
D) Driveflow outlet
E) Drug nebulizer Port or
F) Cap for close down
G) Benveniste Valve
H) Volume reservoir

Advantages of the CPAP Medijet® Generator:

- Reduction of work of breathing
- Non aggressiv flow application
- Reduction of stomach expansion
- Increase of FRC and improvement of compliance
- Low noise level
- Reduction of RDS
- Non constant flow into patient
- Benveniste principal with volume reservoir
- Intranasal CPAP measurement
- Keeps CPAP in the lung stable as much as possible
- Regulation and compensation of leak
- Safety and easy as much as possible
- Perfect combination in use with medin-cno driver

Using the active generator Medijet® results in more constancy of CPAP pressure. If the Medijet® is used with the push function (delivery room) surfactant need can be less. With Medijet® less barotrauma, lower CPAP level can be used, better effect as Surfactant.

Medin-cno is used as stationary nCPAP driver for the nCPAP therapy of neonates and premature infants treated in combination with the nCPAP generator Medijet® in intensive care units. Medin-cno may only be used in combination with simultaneous and constant hemodynamic monitoring of the patient, only by trained medical personnel and only during clinical use.

Medin-cno offers four different modes:

- CPAP
- Apnea
- SVSP
- Oscillation

Compact gas mixer for air and oxygen (tubeless construction)

Range stepless 21% to 100% of oxygen

Integrated flowmeter with range 0 to 16 l/min.

Alarm system for gas supply drop (Air or 02)

Inlet pressure for air and oxygen 3,5 to 6 bar [50 psi]

Outside connector universal for tubes and H2O bottles

Clamp unit for rail mounting

Drugs can be applied up to the alveoli, depends on particle size.

The new „medin-cno”

Gentle breathing support and monitoring of premature and term born infants

Artikelnr.: 3090

The Medijet® compensates leakages that depend on the Benveniste Valve and the volume reservoir - compensation is done directly on the nostrils and a short time and speed.

CPAP should be easy as much, inexpensive and safe.

sindi universal gas delivery unit

with pressure monitor

Display of nCPAP pressure in analogue curve and digital form

Display of oxygen concentration in bargraph and digital form

Display spontaneous breathing frequency in blinking and digital form

Display of flexible setting upper and lower alarm for nCPAP pressure

Reset alarm - mute 2 minutes or quit

Disconnection alarm for nCPAP (if patient is lower than 1,5 cm H20)

Integrated service software

Batterie operating for about 5 hrs. with charging control

FiO2 Trend, assist manual breathing with set 11820

Medin-cno disposable version:

- Single use
- 6 different sizes: XS to XXXL

Medin-cno nasal CPAP system for neonates and babies

Part no.: 1200-01, 1200-21, 1200-02, 1200-22, 1200-03 1200-33

Part no.: 1214-10, 1215-10, 1216-10, 1217-10, 1218-10, 1219-10, 1220-10

Part no.: 1215, 1216, 1217, 1218, 1219, 1220, 1221

Bonnet for Medin-cno:

- Reusable
- 8 different sizes: XS to XXXXL

Part no.: 1215-10, 1216-10, 1217-10, 1218-10, 1219-10, 1220-10

Nasal mask for Medin-cno:

- Single use
- Small, Medium, Large, X-Large

Part no.: 1200-04, 1200-05, 1200-08, 1200-07

All kinds of tube circuits available.
Advantages of the CPAP Medijet® Generator:

- Reduction of work of breathing
- Non-aggressive flow application
- Reduction of stomach expansion
- Increase of FRC and improvement of compliance
- Low noise level
- Reduction of RDS
- No constant flow into patient
- Benveniste principle with volume reservoir
- Intranasal CPAP measurement
- Keeps CPAP in the lung stable as much as possible
- Regulation and compensation of leak
- Safety and easy as much as possible
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Using the active generator Medijet® results in more constancy of CPAP pressure. If the Medijet® is used with the push function (delivery room) surfactant need can be less.

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The new „medin-cno“ Gentile breathing support and monitoring of premature and time born infants

Artikelnr.: 3090

easy gasblender for O2 and air with watercolumn

Artikelnr.: 1200-15

Medijet® disposable version:
- Single use
- XS to XXXL
Part no.: 1214-10, 1215-10, 1216-10, 1217-10, 1218-10, 1219-10, 1220-10

Nasal mask for Medijet®:
- Single use
- XS to XXL
Part no.: 1200-01, 1200-21, 1200-02, 1200-03

Nasal prong for Medijet®:
- Single use
- XS to XXL
Part no.: 1214, 1215, 1216, 1217, 1218, 1219, 1220

Bonnet for Medijet®:
- Reusable
- XS to XXL
Part no.: 1216, 1217, 1218, 1219, 1220, 1221

All kinds of tube circuits available.
Fixing of the nCPAP Generator

Connect the selected nasal prong to the sterile Medijet®, the loops must point downwards. Switch the generator on and adjust the flow. Put the bonnet onto the baby’s head, do not choose a too small one, it must fit loosely.

Guiding the ribbons of the bonnet through the downwards pointing loops of the prong or mask. Insert prong with the adjusted Medijet® into the baby’s nostrils.

Fix both tubes with the Velcro-strip at the forehead. Adjusting of the bonnet enables the optimal, not too tight fit.

Important:
- Please insert prong only halfway into the nose!
- Fix both tubes with the Velcro-strip at the forehead.
- Adjusting of the bonnet enables the optimal, not too tight fit.

Important for choice of nasal prong & neo mask:
- Always use the largest possible prong - the tighter - the better the nCPAP
- Change for every new patient.
- For single use only.
- Do not sterilize or use liquid disinfection, it hardens during sterilization.
- A risk to harm the nostrils.
- Official medical rules for disposables are to be applied.
Users manual

Connection & Functional test

For flow connect the quick tube to a flow generator and the thin tube to a pressure indicator.

The flow at the blender or at the driver is set to approximately 8 l/min; the nasal connection has to be closed with the fingers.

The setting must result in a pressure of approximately 5 cm/H2O at the pressure indicator.

Fixing of the nCPAP Generator

Connect the selected nasal prong to the sterile Medijet®, the loops must point downwards. Switch the generator on and adjust the flow. Place the bonnet onto the baby's head, do not choose a too small one, it must fit loosely.

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Take care that the ribbons are not tightened too much; they merely keep the generator with the prong in mid-position.

Important:

Please insert prong only halfway into the nose!

Fix both tubes with the Velcro-strip at the forehead. Adjusting of the bonnet enables the optimal, not too tight fit.

Important for choice of nasal prong & mask:

Always use the largest possible prong, the tighter the better the nCPAP

Change for every new patient

- Do not sterilize or use liquid disinfection, it hardens during sterilization
- A risk to harm the nostrils
- Official medical rules for disposables are to be applied

www.medin-innovations.com

Your distributor:

Distributors worldwide

Medijet® nCPAP System

· Active nCPAP Generator
  with low noise design & drug inhalation
· From the first minute of life