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THIS IS WHAT MATTERS TO US



Your personal contact person

The affected persons will be visited by a medical device consultants at regular intervals, or as required. The needs of the individual patients are determined together and possible product changeovers discussed, to develop solution-oriented care concepts. Consultation with the responsible physicians and therapists in the interdisciplinary team is an important aspect for us here.



Professional care provides safety

Treatment with individually fitted tracheostomy tubes and a needs-balanced choice of rehabilitation aids, avoid complications and improve the success rate of rehabilitation. Together with the patient, the physicians and therapists, our FAHL representative will select and adapt the necessary aids for you in terms of a correct indication, individual need and economic feasibility.



Individual voice rehabilitation

Voice rehabilitation after tracheostomy and laryngectomy has a high priority. Since the founding of our company, we have continuously dealt with this issue. Especially with regard to shunt valve care, we can offer our patients active support through a wide range of products and special aids such as phonation cannulas, speaking valves and electronic speaking aids.



Benefit from using our network:

Good cooperation among the interdisciplinary team increases the quality of results in patient care. We therefore use congresses, exhibitions and seminars to form a network of specialists (physicians, therapists and care providers of other care fields) who act hand in hand with us professionally in terms of rehabilitation-oriented patient care.



Fast and reliable delivery provides relief

The order is processed immediately by our employees and prepared for shipping. This enables us to always provide timely, punctual and needs-oriented deliveries.

THIS IS WHAT MATTERS TO US



Our speakers pass on up-to-date specialist information:

Our specialists are invited to speak at numerous conferences and events about professional management of tracheostomy tubes. We also offer our own onsite and offsite seminars and workshops. We coordinate customised training for your location personally with you on focus areas specific to your facility (such as secretion management and phonation during mechanical ventilation). Ask us how we can help!



We pursue clear objectives:

We wish to provide professional care for tracheotomised and laryngectomised patients and strengthen the patients, relatives and caregivers in their activities in the best possible manner.



Join in! Your opinion is important to us!

When developing our products, we always make sure to listen to our customers' suggestion which enables us to offer improved or even new products.

YOUR CHOICE

If you are convinced of our supply concept, place your trust in us and choose our company as your new supplier of medical aids. Our staff would gladly support and advise you in all matters relating to your individual tracheostoma care.

ABBREVIATIONS/INDEX

NAME	EXPLANATION
®	Registered trademark
A	Ampere
AAA	Type of battery
AB	Outer bend
AC	Alternating current
AD	External diameter
AK	Outer cannula
approx.	approximately
CH	Charriere
cm	Centimetre
Col. No.	Colour number
CPC	Cuff Pressure Control
db	Decibels
DC	Direct current
e. V.	Registered association
e.g.	for example
EEC	European Economic Community
Fr.	French
G	Gramme
GR.	Size
h	Hour
HME	Heat–Moisture-Exchanger
HR.	Hour
Hz	Hertz
i.e.	in other words/for example
IC	Inner cannula
ID	Inner diameter
KG	Kilogramme
KPA	Kilopascal
L	Litre
L1	Length over the outer curve of the cannula tube
L2	Length over the central arch of the cannula tube
L3	Length across the shaft
m	Metre
m2	Square metre
m3	Cubic metre
mA	Milliampere
max.	Maximum
MB	Central arch
MHz	Megahertz
min	Minute
ml	Millilitre

ABBREVIATIONS/INDEX

NAME	EXPLANATION
mm	Millimetre
MMAD	Mass Median Aerosol Diameter
PED	Products especially designed for children
PE-Segment	Pharyngoesophageal segment
PU	Packaging unit
PVC	Polyvinylchloride
so-c.	So-called
V	Volt
V AC	Volt (alternating current)
V DC	Volt (direct current)
VA	Volt Ampere
W	Watt
µm	Micrometre

ABBREVIATIONS FOR TRACHEOSTOMY TUBES

NAME	EXPLANATION
LINGO	sieved
CUT	slitted
CUFF	with cuff
SUCTION	with suction line
MULTI	Multifunctional cannula
XL	Length XL
M	Medium length
SHORT	Short length
PHON	with speaking valve
UNI	with 15 mm connector
VARIO	with 15 mm swivel connector
KOMBI	with 22-mm combi-adapter
MRI	MRI suitable
FIX	Button with fastening eyelets
SV	Speaking valve
HP	HUMIDOPHONE®
CP	COMBIPHON®
IC	Inner cannula
ICF	Inner cannula fenestrated
ICS	Inner cannula sieved
ICSU	IC with 15 mm connector, sieved
ICU	IC with 15 mm connector
ICFU	IC with 15 mm connector, fenestrated
ICV	IC with 15 mm swivel connector
ICFV	IC with 15 mm swivel connector, fenestrated
ICK	IC with 22-mm combi-adapter
ICFK	IC with 22-mm combi-adapter, fenestrated
ICX	Inner cannula flexible, with flat profile
ICFX	Inner cannula flexible, fenestrated
O ₂	IC with O ₂ -connector (oxygen connection)

GLOSSARY

ALPHABETICAL

NAME	EXPLANATION
Aerosol	micro-fine mist
Airway resistance	Resistance which the air flow has to overcome during inhalation and exhalation
Alveoli	Small air sacs in which the exchange of gas between the air we inhale and the blood takes place
Anaesthesia	Anaesthesia, narcosis
Anatomy	The science of bodily structure
Anomaly	Developmental disorders of organs, regardless of whether they are congenital or occur later on
Antibiotics	Medicines for the treatment and prevention of bacterial infections
Aspiration	Penetration of solid or liquid substances into the respiratory tract, e.g. through ingestion
Bayonet lock	Quick twist lock
Bedside method	Examination or a minor procedure that can be performed directly at the patient's bedside
Blocked tracheostomy tube	Tracheostomy tube with unfolded inflated cuff
Blood gas analysis	Determination of the oxygen content in the blood
Bronchial toilette	Measures to prevent the development of infections or even pneumonia in patients with insufficient self-cleaning mechanisms of the lung apparatus, especially in tracheotomised, ventilated, unconscious and generally weakened patients
Button	A special cannula to keep the tracheostoma open
Cannula-cleaning brushes	Special brushes for cleaning tracheostomy tubes
Carcinoma	malignant cancer
Carina	The carina tracheae refers to the small spur formed at the lowest tracheal cartilage
Central arch	Designates the length of the cannula tube (tube centre) between the neck flange and cannula tip (I2)
Chemotherapy	The use of low-molecular substances for the specific inhibition of infectious organisms and tumour cells
Computer tomography	Medical imaging method for the sectional representation of body structures
Connector	Possibility of connecting aids, e.g. to tracheostomy tubes
cpm	Abbreviation for: cuff pressure monitor
cranial	anatomical direction and means "oriented towards the head" or "upwards"
Cuff	Inflatable balloon (balloon cuff) at the lower end of an endotracheal tube or tracheostomy tube to seal the space between the tube and the tracheal wall
Cuff hernia	Sac-shaped protrusion of the cuff as a result of excessive filling or damage to the material with potential leakage at this point and the risk of local overpressure on the mucosa of the trachea

GLOSSARY

ALPHABETICAL

NAME	EXPLANATION
Dead space	Part of the airways not involved in gaseous exchange
Decannulation	Procedure of weaning and subsequent permanent removal of a tracheostomy tube from the trachea
Dilatation	generally means an expansion
Dilatation tracheostoma	A tracheostoma after dilatation with a dilator
Dilators	Medical instruments used for dilatation of tissue/body orifices
Dysphagia	Difficulty in swallowing; occurs when one of the structures involved in the act of swallowing is impaired in its function or its interaction
Electrocardiogram	Records activity of the heart
Endotracheal tube	Tube-shaped medical device used for ventilation, which is inserted into the trachea during oral or nasal intubation; a cuff is located at the lower tracheal end
Epithelialisation	A process in which a skin defect is covered or closed by newly developing epithelial tissue (tissue cells)
Epithesis	Compensation "prostheses" for body defects, e.g. in the tracheostoma area, with different fixation solutions
Expiration:	Process of exhaling
Extubation	Removal of the endotracheal tube
Feeding tube	Plastic tube which extends through the nose directly into the stomach to administer food and fluids
Fenestration	Fenestration - in distinction to sieving - of a tracheostomy tube; refers to the creation of an - usually oval - opening; one also speaks of a fenestrated tracheostomy tube
Fingertip	Adapter with opening (permanently attached to the suction catheter or individually), which continues the suction process (production of suction) or stops it by closing/releasing with the finger
Fistula	Tubular duct which originates from a hollow organ or a (possibly pathological) cavity and exits from the surface of the body or only passes inside the body
Funnel tracheostoma	deep, funnel-shaped stoma, which may make it difficult to provide medical aids
Granuloma	Nodular tissue neoplasms - differing causes
Hagen-Poiseuille Law	The flow resistance of a defined fluid depends on its viscosity, the length and the radius of a pipe. This is given by an equation.
High pressure cuff	Spherical cuff which fits tightly against the tracheostomy tube. The smaller contact area results in higher pressure at the same pressure as with a low-pressure cuff
High pressure/ Low pressure cuff	Short name for high pressure/low pressure cuff
HME	Abbreviation for: Heat and Moisture Exchanger/"artificial nose"; this is an aid for heat and moisture exchange

GLOSSARY

ALPHABETICAL

NAME	EXPLANATION
Hydrotherapy device	Medical aid which enables laryngectomised and tracheotomised persons to perform movement therapies in water and also therapeutic swimming (e.g. Larchel®)
Hydrotherapy Officer	Specially trained person, usually a tracheotomist/laryngectomist or therapist, who conducts the active instruction for a hydrotherapy device (e.g. Larchel®) and instructs inexperienced patients in water within the context of special courses
Hypopharynx	the lower throat area
Inhaling	Inhalation of gaseous substances for therapeutic purposes
Initial-care-package	Compilation of the most important aids for the initial care of laryngectomised and tracheotomised patients; the initial care set is generally provided before discharge from hospital
Inspiration	Process of inhaling
Intervention	Procedure, which can be therapeutically or medically justified
Intubation	Insertion of a tube (hollow probe, tube, etc.) into a trachea to ventilate the patient
laryngectomy	Removal of the larynx
Larynx	Larynx
Low pressure cuff	Cuffs with cylindrical contact surface are mainly used for long-term ventilation
Luer system	standardised connection system for the combined use of, for example, syringes and cannulas
Lumen	Diameter of a cavity or tubular body
Macerations	Softening or swelling of tissue due to prolonged contact with liquids, such as saliva
Magnetic resonance imaging (MRI)	Diagnostic imaging method for visualising soft tissue using magnetic resonance measurements
Medical aids	are medical devices which are used to compensate for an illness or disability
Medical device consultant	informs customers professionally and instructs them in the proper handling of the medical devices
Medical Devices Act (MPG)	The purpose is to regulate the placing on the market of medical devices and thereby ensuring the safety, suitability and performance of medical devices as well as the health and necessary protection of patients, users and third parties
Metastasis	Subsequent tumour of a malignant tumour
Name	Explanation
nasal	through the nose
Neck dissection	surgical evacuation of the neck's lateral soft tissues
Neck mask	Plastic mask which is held onto the tracheostoma and thus enables a targeted and concentrated supply of respiratory air, e.g. as part of emergency ventilation

GLOSSARY

ALPHABETICAL

NAME	EXPLANATION
Obturator	Insertion aid for a tracheostomy tube
Oedemas	Accumulation of aqueous fluid in body tissues, resulting in swelling of the affected tissues - this may be limited to certain parts of the body or spread over the entire body
Oesophageal voice	Substitute voice with which patients relearn speaking after removal of the larynx (laryngectomy)
Oesophagus	Oesophagus
oral	through the mouth
Outer bend	Outer bend of the cannula tube of a tracheostomy tube
Paresis of the vocal cord	Unilateral or bilateral paralysis of the vocal cords
Percutaneous Dilatation Tracheotomy (PDT)	special type of tracheostoma, which is often applied in intensive care units
persisting	continuing or permanent
Pharynx	Mouth/throat cavity; joint respiratory and feeding pathway
Phonation	Formation of the primary tone in the larynx (through respiratory air and phonation movement of the vocal cords)
Phonation ructus voice	See oesophageal voice
Pneumothorax	Accumulation of air in the interpulmonary space with cancellation of the negative pressure that normally prevails there - this leads to partial or complete collapse of the affected lung and the associated loss of function
Probing	Insertion of a probe, e.g. a feeding tube, or administration of food, fluids and medication via the feeding tube.
Prophylaxis	Prevention
Reflux	Return flow of fluids, e.g. when swallowing
Rehabilitation	the best possible restoration of general well-being after surgery and the best possible restoration of lost or disturbed physical functions and mental calmness
Reintubation	Re-intubation of a patient after intentional or unintentional removal of an endotracheal tube
Retention of secretion	Retention of certain substances or liquids in the airways
Scintigraphy	Imaging procedure in nuclear medicine using radioactive substances which are as short-lived as possible and are administered to the body, e.g. orally or through the vein
Sedation	Calming effect induced by special medication
Shaft	e.g. outer tube of a tracheostomy tube
Shunt	Surgically created connection between the trachea and oesophagus (see also fistula), to accommodate/insert a shunt valve (voice prosthesis)
Shunt valve/voice prosthesis	Voice prosthesis; valve made of silicone for voice rehabilitation
Sieving	Holes located on the outer curve of the tracheostomy tube, which guide the air upwards towards the larynx during exhalation sieved tracheostomy tube

GLOSSARY

ALPHABETICAL

NAME	EXPLANATION
Silver cannula	Tracheostomy tube made of sterling silver
Sono-Abdomen	Ultrasound examination of the abdomen
Sonography	Ultrasound examination
Speculum	Funnel-, tube-, channel- or spatula-shaped instrument for dilating natural body orifices
Speech therapy	Therapeutic specialty for rehabilitation of voice, speech, speaking and swallowing functions
Spontaneous breathing	Patient's breathing without the support of a ventilator
Stenosis	Any form of constriction of a tubular part of the body in medicine
Stoma	Artificially created hollow organ outlet, orifice to the body surface (Greek: mouth, pharynx)
subglottic	The opening between the vocal folds (glottis)
Subglottic stenosis	Constriction is located below the vocal cords and can have various causes
Suction device	Electrical apparatus/medical pump used to aspirate secretions/body fluids
Therapy	Treatment
Thorax	Chest
Trachea	Trachea
Tracheal compress	Absorbs secretion and serves as a cushion between the skin and the cannula
Tracheal dilator	Instrument used to dilate a tracheostoma to facilitate the insertion of a cannula or to temporarily secure the airways
Tracheal stenosis	Narrowing of the trachea - the cause can be acquired or congenital
Tracheitis	Inflammation of the trachea - this affects the mucous membrane of the trachea
Tracheomalacia	Disease, which can be congenital or acquired, in which there is a softening of tracheal cartilage rings, for example. This is characterised by a slackening of the trachea
Tracheostoma	surgically created opening of the trachea to the outside
Tracheotomy	Incision of the trachea
transnasal	through the nose or via the nose
Ultrasonic nebulizer	Converts water into microfine mist (aerosol) by high-frequency vibrations, which reach and humidify the deepest areas of the lungs
Unblocked cannula	Tracheostomy tube with unfilled cuff
Voice rehabilitation	Improving voice formation and quality
Weaning	Tracheotomised person is gradually weaned off a ventilator

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