PEP Therapy Range

Positive Expiratory Pressure

Frequently asked questions

What is PEP Therapy?

Breathing out against an expiratory resistance creates Positive Expiratory Pressure (PEP).

What can PEP therapy be used to treat?

- To increase lung volume and reduce atelectasis
- To reduce hyperinflation
- To improve airway clearance

What type of patient may benefit from PEP treatment?

Post-operative patients with atelectasis, hospitalised patients with secretions and some patients may be sent home with the Intersurgical PEP for short-term use to continue treatment.

What pressure does each resistor deliver?

We cannot indicate the pressure delivered by each resistor as the pressure generated by the patient will vary depending on both the size of resistor selected and the patient's own expiratory effort during each breath.

However, where the breath is consistent the smaller the resistor the higher the pressure would be.

How can the pressure be measured?

In order to measure the pressure, a pressure manometer can be introduced into the system in order to select the most appropriate resistor to deliver the treatment. Treatment applications may require different positive expiratory pressure levels.

Code 1956020, which fits between the PEP T-piece and PEP resistor, is a pressure manometer connector allowing for the introduction of a manometer if required.

Is the device suitable for adults or children?

This device may be used by adult and paediatric patients.

How long can Intersurgical PEP be used for?

Maximum duration of use is up to 7 days.

Can Intersurgical PEP be cleaned?

Yes it can be cleaned up to 50 wash cycles using detergent and warm water to create a washing solution as described in the Instructions for Use.

Does Intersurgical PEP oscillate?

No, it does not.

Is Intersurgical PEP suitable for long-term use?

Intersurgical PEP can be used at home for up to 7 days. For patients with long-term conditions Intersurgical PEP would need to be replaced every 7 days.

For further details please refer to the IFU.

References:

Fagevik Olsén, M., Lannefors, L. and Westerdahl, E. (2015). Positive expiratory pressure – Common clinical applications and physiological effects. *Respiratory Medicine*, [online] 109(3), pp.297–307. doi:https://doi.org/10.1016/j.rmed.2014.11.003.

Groth, S., Stafanger, G., Dirksen, H., Andersen, J.B., Falk, M. and Kelstrup, M. (1985). Positive expiratory pressure (PEP-mask) physiotherapy improves ventilation and reduces volume of trapped gas in cystic fibrosis. *Bulletin europeen de physiopathologie respiratoire*, [online] 21(4), pp.339–343. Available at: https://europepmc.org/article/med/3899222.

Lee, A.L., Burge, A.T. and Holland, A.E. (2017). Positive expiratory pressure therapy versus other airway clearance techniques for bronchiectasis. The Cochrane database of systematic reviews, [online] 9(9), p.CD011699. doi:https://doi.org/10.1002/14651858.CD011699.pub2.

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The Intersurgical PEP therapy range

Intersurgical offer a range of products for the delivery of positive expiratory pressure therapy. The modular design of the product range enables clinicians to select from nine colour coded PEP resistors and two patient interfaces. The PEP T-piece is supplied with a mouthpiece that can easily be exchanged for a face mask if required. A pressure manometer can be connected to the system using the PEP manometer connector (1956020) designed to be fitted between the T-piece and PEP resistor.

Code	Description	Colour	Box Qty.
	The PEP resistors are packaged in bags of 10 units		
8020060	PEP Resistor 6.0mm, purple, single patient use		100
8020050	PEP Resistor 5.0mm, brown, single patient use		100
8020045	PEP Resistor 4.5mm, red, single patient use		100
8020040	PEP Resistor 4.0mm, orange, single patient use		100
8020035	PEP Resistor 3.5mm, green, single patient use		100
8020030	PEP Resistor 3.0mm, blue, single patient use		100
8020025	PEP Resistor 2.5mm, yellow, single patient use		100
8020020	PEP Resistor 2.0mm, white, single patient use		100
8020015	PEP Resistor 1.5mm, black, single patient use		100
	PEP T-piece, patient interfaces and connectors		
1956014	PEP T-piece, Inhalation port -22M/15F-22M with one-way valve and mouthpiece, 22F, single patient use		80
1956020	PEP manometer connector, 15M, 22M/15F, 6mm elbow with tube, 1.3m		40
7296001	ClearLite, anaesthetic face mask, size 6, extra large adult, red seal, no hook ring, 22F		20
7295001	ClearLite, anaesthetic face mask, size 5, large adult, orange seal, no hook ring, 22F		35
7294001	ClearLite, anaesthetic face mask, size 4, adult, green seal, no hook ring, 22F		35
7293001	ClearLite, anaesthetic face mask, size 3, small adult, yellow seal, no hook ring, 22F		35
7292001	ClearLite, anaesthetic face mask, size 2, paediatric, white seal, no hook ring, 22F		25
1691040	Nose clip		35

Make an enquiry Watch the video

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The manufacturer Intersurgical Ltd is certified to ISO 14001:2015, ISO 9001:2015, ISO 13485:2016 and MDSAP