

# **NIPPY<sup>®</sup> Clearway**



Bringing Advanced Technology  
to Airway Clearance

# NIPPY Clearway Sales Training - Objectives

- Overview of MRD specification
- Introduction to the device
- Understanding the modes
- Key Messaging
- Questions

# Overview of MRD

# NIPPY Clearway – Market Requirement

- High performance device in terms of flow and pressurisation
- Smaller
- Lighter
- More Portable
- Advanced mode options



# An Introduction to The NIPPY Clearway

# Powerful & Accurate Performance

## Servo Valve

- The innovation of the valve enables the NIPPY Clearway to provide highly effective secretion clearance.
- The technology enables a rapid shift from maximum insufflation pressure to maximum exsufflation pressure, ensuring effective therapy.
- The valve within the NIPPY Clearway is servo controlled ensuring accurate pressure delivery.



# Advanced Mode Options

## Modes Available

- Manual
- Basic Auto
- Timed Auto
- Triggered Auto – (IPPB)
- Therapeutic NIV
- Flow profile options are available in all modes apart from NIV



# Patient Compliance & Synchrony

- **Manual Control**

Allows clinicians to focus on the patient when treating rather than the device, thus improving the titration phase as well as patient compliance and acceptance of therapy.

- **Synchrony Beep**

We have introduced an audible beep prior to Exsufflation, to help patients and therapists to synchronise with the device

- **Compliance Data**

28 days of compliance data is stored on the device to assist with monitoring the therapy





# Lightweight & Portable

- 3 kg

Small, light and portable

- External Battery

Small lithium ion battery, gives 1 hours autonomy for treatment on the go

- Mobility Bag & Trolley

Making treatment easy and safe for clinician and patient

# Quick, Safe & Intuitive

- **Digital Screen Set Up**

Allows accurate and fast set up of parameters

- **Mode Selections**

Ability to customise modes you require for hospital or for home

- **Screen Lock Function**

Enables treatment settings to be locked in both the hospital and home

# Understanding the Modes

# Manual

## Manual Mode

This mode allows the clinician to deliver the required sequence and timings manually via the remote hand control or the device front button.

## Settings

Insufflation & Exsufflation pressures are set, the times and sequence of treatment are controlled manually.

## Clinical Use

Titration, acute use and in some home care situations

# Basic Auto

## Basic Auto Mode

This mode delivers one insufflation, followed by one exsufflation followed by a pause. This is one cycle.

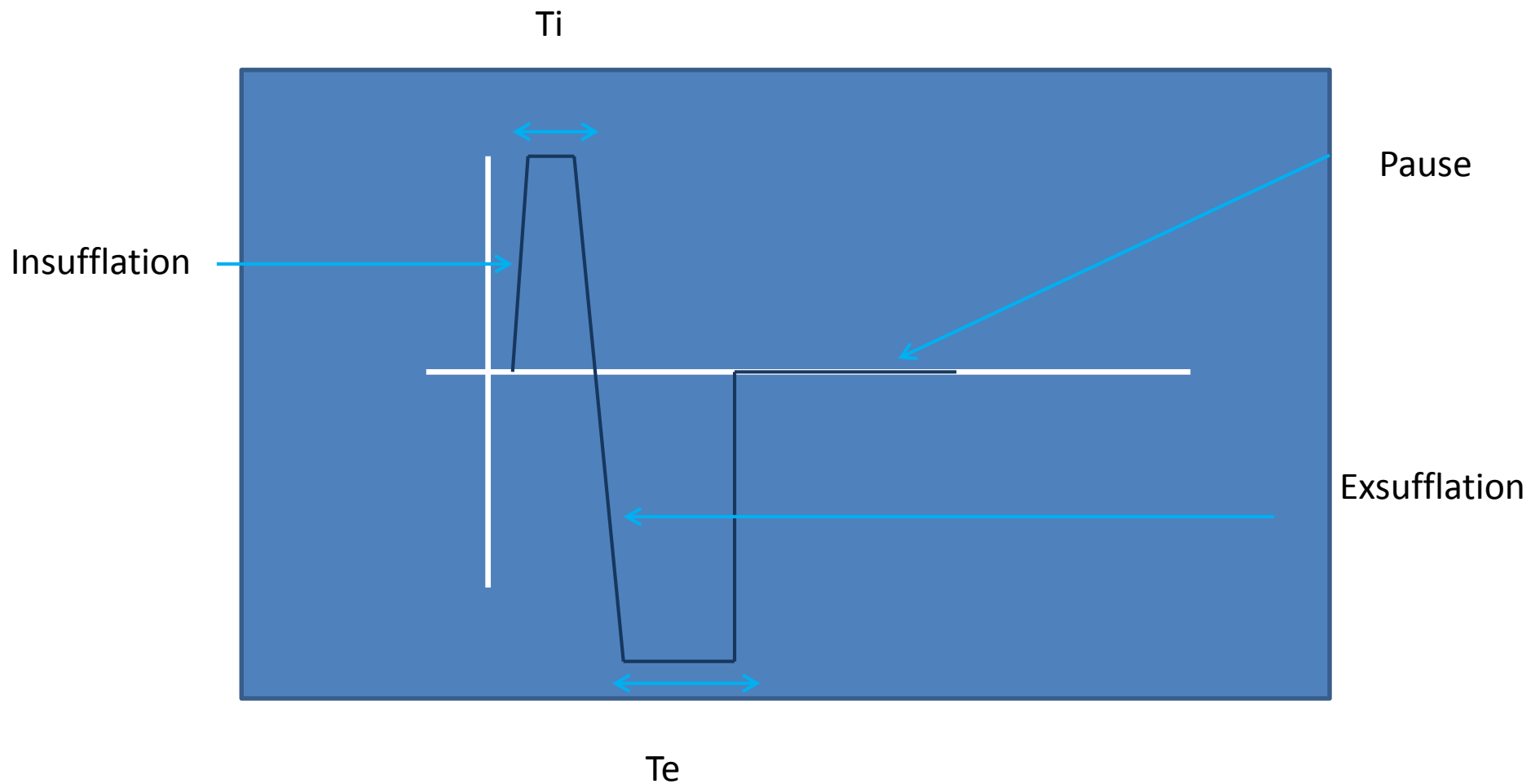
## Settings

Insufflation & Exsufflation pressure,  $T_i$  and  $T_e$  and Pause are set. The number of cycles is determined by pressing start/stop (Max of 20 cycles)

## Clinical Use

Acute use, in small babies/children, some SCI and NMD patients

# Basic Auto



# Programme Timed Auto

## Prog Timed Auto Mode

This mode allows the clinician to set a number of repeated insufflations prior to the exsufflation. You can also repeat the cycle. This enables a specific programme to be set for the patient as required. You can also set a limited number of basic auto cycles in this mode if required.

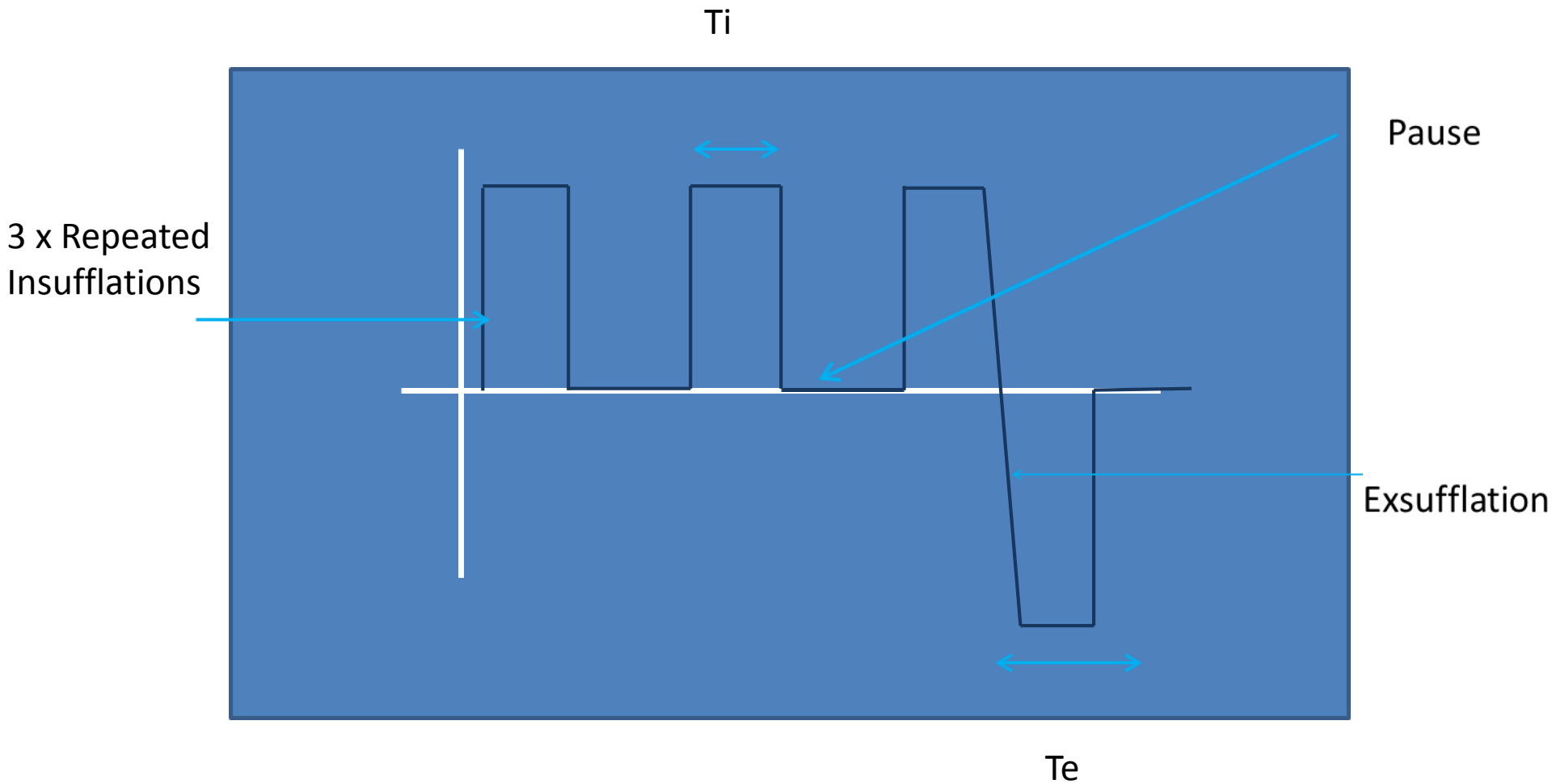
## Settings

Insufflation & Exsufflation pressure,  $T_i / T_e$ , and Pause are all set. Then the number of insufflation repeats and number of cycles are set.

## Clinical Use

Patients who require more than one insufflation to move peripheral secretions towards the large airway, prior to exsufflation. Can be set successfully for long term use in both hospital and home.

# Programme Timed Auto





# Programme Triggered Auto

## Prog Triggered Auto Mode

This mode enables the patient to trigger the insufflations. Exsufflation pressure can be set to zero if indicated, to carry out IPPB.

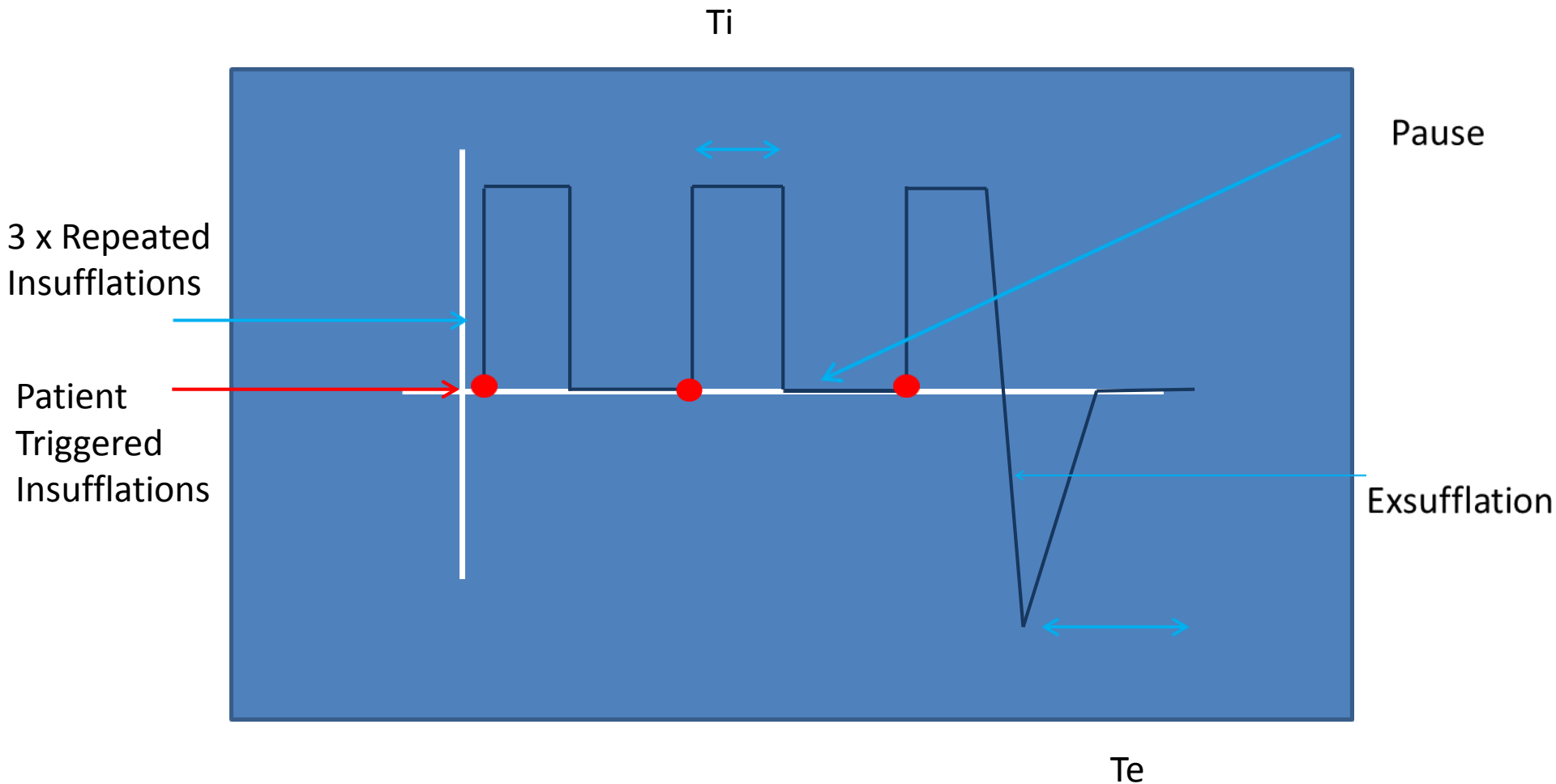
## Settings

Insufflation & Exsufflation pressure,  $T_i / T_e$  and Pause are set. Then the number of insufflation repeats and number of cycles are set. The trigger can also be adjusted. In this mode the pause can be extended to allow the patient enough time to trigger. If they do not trigger by the end of the pause, a timed insufflation is delivered.

## Clinical Use

Patients who require repeated insufflations to improve lung expansion and who have the ability to trigger the insufflations; to assist in secretion mobilisation and recruitment. Can also be used in fatigued patients, to reduce their work of breathing. Can also be used in early NMD disease progression to improve synchrony with Cough Augmentation.

# Programme Triggered Auto



# Therapeutic NIV

## Therapeutic Ventilation Mode

15 minutes of ventilation can be administered pre or post therapy.  
There are no alarms so the patient must not be unsupervised.

## Settings

IPAP, EPAP, Ti, BPM, trigger sensitivity

## Clinical Use

15 minutes of ventilation can be administered pre or post therapy to optimise treatment and to rest and allow re recruitment after therapy if required.

# Key Messaging

# Positioning Statement

The NIPPY Clearway is a versatile airway clearance device that combines powerful performance with advanced mode options to enable effective treatment for secretion clearance and cough augmentation.

The NIPPY Clearway's compliance features, portability as well as intuitive and safe platform, allow patients and clinicians to use this device with success both in the hospital and at home.

# Key Messaging

## Bringing Advanced Technology to Airway Clearance

- Powerful & Accurate Performance
- Advanced Mode Options
- Lightweight & Portable
- Patient Compliance & Synchrony
- Quick, Safe & Intuitive

# Key Messaging

## Powerful and accurate performance

The servo valve technology allows for rapid change from positive to negative pressure. This rapid change enables effective cough augmentation. Pressure delivery is monitored at the patient end of the breathing circuit enabling accurate and safe settings.

# Key Messaging

## Advanced Mode Options

Programmable MI-E mode options as well as triggered MI-E and IPPB mode are available. This offers versatile treatment options to treat a wide group of patients.



# Key Messaging

## Lightweight & Portable

Multiple power options, with the choice of the Clearway trolley and mobility bag enable safe, effective treatment on the go.

# Key Messaging

## Patient Compliance & Synchrony

Remote hand held manual switch provides the option for carers and clinicians to have direct contact with the patient to enable more effective titration and on-going therapy. A synchrony beep sounds prior to the delivery of the negative pressure (exsufflation) in the automatic programmable

# Key Messaging

## Quick, Safe & Intuitive

Large colour display, the option to disable modes and lockable settings allow intuitive use and quick setting adjustment. Up to 15L/min of supplementary oxygen can also be entrained via the circuit.

Thank You

Any Questions ?