



缆 REGAIN

家居機械通氣治療

Home Mechanical Ventilation Supporting Program









你需要的遠不止於一部儀器,而是一個全面的解決方案 What you need is not a device, but a Solution

簡介 Introduction

隨著過去科技進步與服務流程改革,機械通氣治療日趨普及,促成了 「家居機械通氣治療」的誕生。

家居機械通氣治療,泛指病患在居所中透過配戴面罩(無創)或氣管插喉 (有創)兩種方式,間歇或持續使用醫療儀器作通氣治療。其中尤以無創 形式最為普遍,新機種透過高效漏氣補償,讓治療效果得以保障。

療程的成效,取決於病患能否將使用儀器的習慣持之以恆,由入院時的 危急狀態順利過渡至穩定階段,並於出院後維持家居療養。過程中,病患、 醫院、家居醫療服務供應商之間的緊密配合,可謂不可或缺。

憑藉三十多年服務呼吸科病患經驗,尚健維佳能配合不同需要,提供對應 的醫療器材及服務。當中包括:家居機械通氣治療、氧氣療養、抽痰機、 遙距監察病患等。透過長久以來與不同醫療機關合作,我們建立出一套 專業培訓系統,肩負起家居醫療服務供應商的應有責任。

「維健 Regain」是一套行之有效的家居機械通氣治療方案,這套全面 方案涵蓋不同治療階段,由深切治療部/呼吸科病房緊急治療作起點, 拓展至呼吸科或內科病房,進而從出院途中,延續至出院後的家居療養。 在不同階段中,為病患提供全面的支援、教育及監察服務。

Mechanical ventilation has been widely applied over the past 30 years due to technology advancements and protocol upgrades. Hence, it has led to an emergence of Home Mechanical Ventilation (HMV).

HMV is defined as an intermittent or continuous use of an HMV device through a mask interface (non-invasive) or a tracheostomy tube (invasive) at home. The Non-Invasive Ventilation (NIV) is most commonly used nowadays after the introduction of effective compensation for air leaks.

A successful application of HMV relies critically on the continuum of use and smooth transition from acute to subacute phase in hospital to home after discharge. It requires seamless coordination between medical professionals in hospital and the homecare provider at home.

Celki VitalAire, with over 30 years of experience of serving patients with respiratory diseases, has all the peripheral services and equipment required to meet different needs, such as HMV, oxygen, suction and tele-monitoring to patients. We are experienced and professional at hospital ventilators in particular.

REGAIN is a program providing an All-rounded Home Mechanical Ventilation (HMV) solution to patients. The chain service starts from the ICU, to the respiratory or medical ward, and finally at home after the patient is discharged.

儀器 Equipment:

緊急階段 Acute Phase

- ・深切治療部 ICU
- · 呼吸科病房 Respiratory Ward



穩定階段時的滴定測試 / 留院治療

Titration/Adaptation in a Sub-acute Phase



- · 呼吸科病房 Respiratory Ward
- · 內科病房 Medical Ward

儀器 Equipment:



Trilogy EVO (2021年第4季 4th Quarter, 2021)



Trilogy 100



Prisma Vent40



EO-150



BiPAP A40

家居療養 Home Treatment

儀器 Equipment:





EO-150





Prisma Vent40







Prisma 30ST BiPAP A40

Trilogy 100

全面治療方案 All-rounded HMV solution

作為負責任的家居醫療服務供應商,尚健維佳致力於兩大原則: At Celki VitalAire, being a responsible home healthcare service provider, our primary goals are:

1)維持及提昇患者生活質素 To maintain and enhance the quality of life of patients

因腦部未能有效地把呼吸訊號傳送到有關器官及組織,令睡眠時呼吸間歇性停止引致窒息。

2)增加患者存活率 To improve the life expectancy

患者同時患上阻塞性及中樞性睡眠窒息症。

 指導患者及家屬正確使用器材 Advise patients and their family members to use the devices correctly

· 協助患者及家屬依從醫護人員處方 Advise patients and their family members to follow physician's prescriptions

· 透過家訪及持續跟進工作,使患者 有效地進行家居機械通氣治療 Benefit from an effective home

mechanical ventilation treatment upon home visits and follow-ups

· 於患者留院/滴定階段 開始給予援助,儘量減少 患者住院日數

During adaptation/titration phase in hospital, hence reducing the time of hospitalization

· 24小時緊急支援 24-hours emergency service

「維持生活質素 關注您的健康」

Rely on us Regain your Health

「維健」

家居機械通氣治療計劃 為患者及家屬提供全面服務, 讓他們在醫護人員處方下, 儘快 恢復呼吸功能。

"REGAIN"

Our Home Mechanical Ventilation
Supporting Program with
comprehensive services to patients
in order to help them REGAIN their
respiratory function based on
physician's prescriptions.

- 緊密監察患者家居治療情況, 定時與醫護人員跟進 Close monitoring at home, constant to medical professionals
- 按需要進行遙距監察,按照處方 調節治療方法 Tele-monitoring to adjust the treatment as prescribed by physicians if needed
- 減低患者病情惡化及緊急送院 治療風險

Minimizing the possibility of exacerbation and the frequency of readmission to hospital due to acute attack



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「維健」家居機械通氣治療計劃 Regain HMV Program

提供家用呼吸機及面罩, 在醫院內安裝,以便進行:

Provide home ventilator and mask for hospital setup, in order to conduct:

氣壓滴定測試 Pressure Titration test

面罩緊合度測試 Mask fitting test



在醫院繼續使用我們提供的家用呼吸機及面罩,以便: Continue to use the home ventilator and mask provide by us, to:

適應器械通氣治療

根據治療報告來設定呼吸機,確保最佳治療成效 Adjust the ventilator setting according to the therapy compliance report

上門安裝、示範及教導 Home setup, demonstration and education 協助患者適應家居器械通氣治療 Assist patient to adapt to HMV 向患者及照顧者示範及教導如何操作 及保養儀器 Educate patient and caregiver on device operation and maintenance

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「維健」家居機械通氣治療計劃 Regain HMV Program

與醫生跟進治療進度 Follow up with physician

Share therapy report 提交治療報告

需要時按醫生指示調整處方 Adjust prescription if necessary



出版技术 month after kirst discharge

& Howe









進行通宵血氧測試,確保治療成效 Conduct overnight oximetry test to ensure the therapy performance

> 加強病人及照顧者正確操作儀器的能力 Reinforce the ability on device operation

專業技師進行家訪,保障治療成效
Quality assurance home visit conducted by professional technician

定期家訪 Home visits

電話訪問 Telephone calls

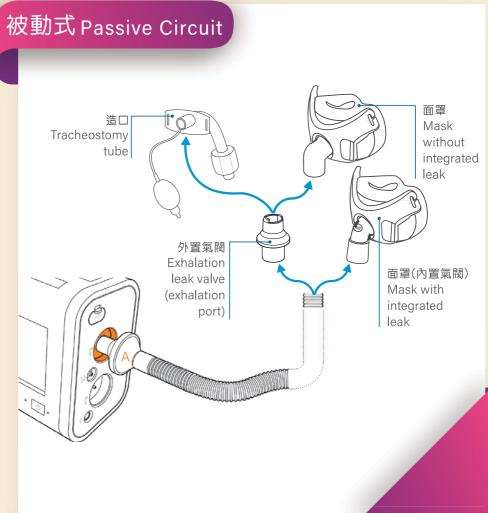
與醫生跟進治療進度 Follow up with physician

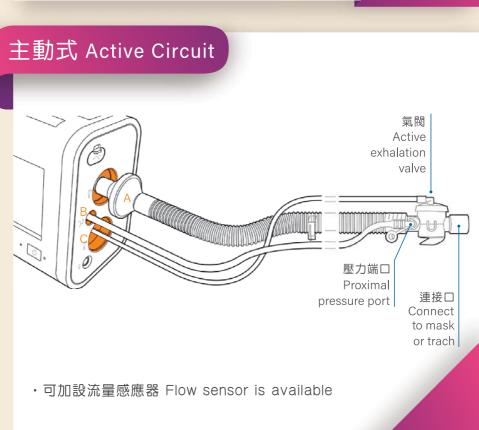
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呼吸機型號 Ventilators Models

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型號 Model	Trilogy Evo	Trilogy 100	E0-150	Prisma Vent40	BiPAP A40	Prisma 30ST
肺潮氣量 Lung Volume Mode	1		×	×	×	X
壓力模式 Pressure Mode	✓ (✓	✓	✓	1	✓
最大IPAP Max IPAP	60	50	50	40	40	30
兩組設定 Dual Prescription	✓	✓	×	1	×	×
侵入性 Invasive	✓	✓	✓	V 1	1	/ /
非侵入性 Non-Invasive	✓	✓	✓	1	1	1
被動漏氣端口回路 Leak Circuit (Passive Valve)	✓	✓	/	✓	1	/
主動漏氣端口回路 Leak Circuit (Active Valve)	/	✓	×	×	×	×
內置電池 Internal Battery (最高可用時數 Max. Usage Time)	人 (15小時hours)	人 (3小時hours)	×	人 (12小時hours)	×	×
警示鬧鐘 Alarm	→	/	1	✓	1	✓
使用時間 Usage	連續用 All day use	連續用 All day use	連續用 All day use	連續用 All day use	連續用 All day use	睡眠用 All day use
加熱濕潤器 Humidifier	外置式 External	外置式 External	外置式 External	外置式 External	崁入式 Attachable	外置式 External
尺寸 Dimension	16.5 x 28.6 x 24.5 cm	16.7 x 28.5 x 23.5 cm	24.5 x 14.5 x 10 cm	21.8 x 17.5 x 21.8 cm	21.6 x 19 x 11.5 cm	17 x 18 x 12.5 cm
重量 Weight	5.2 kg	5 kg	1.8 kg	2.5 kg	2.1 kg	1.4 kg

喉管接駁方式 Available Circuit Option





相關醫療儀器 Related Medical Devices

氧氣治療儀器 Devices for Oxygen Therapy

- · 製氧機配合家居機械通氣治療 , 提供補充氧氣
 - Oxygen concentrator applies with home mechanical ventilation when supplementary oxygen is needed
- ·用作緊急支援,或於通氣治療暫停時 提供流動氧氣
 - For emergency back up or to provide ambulatory oxygen if needed
- ·可使用電池驅動的手提製氧機為患者 外出時提供可靠的流動氧氣 Powered by battery, portable oxygen concentrator supply oxygen to patient outside home



血氧分析儀 Pulse Oximeters

- ・即時量度患者脈搏及血氧度數
 To measure patient's instant pulse and oximetry level
- ・座檯式血氧分析儀備有高低脈搏、血氧及脈搏警報功能 Features include pulse rate (High/Low) and SpO₂ (High/Low) alarm function



Nonin 7500



Nonin 9590



Masimo Radical-7

手提型抽痰機 Portable Aspirator

- ·獨有防溢設計確保衛生;設振膜系統 防止分泌物倒流進入機內 Unique design to prevent overflow, with a membrane system prevents secretions from entering the drive unit
- · 輕巧、耐用、方便攜帶,內置電池備用 時間長達80分鐘 Portable, compact and durable equipped with internal battery for up to 80 minutes of usage



相關醫療儀器 Related Medical Devices

咳痰機 CoughAssist

- ·可於醫院或家中使用, 有效及無創地清除分泌物 To provide an effective noninvasive way to remove secretion in hospital and at home
- ·增加咳嗽時呼氣峰速流,保持患者 氣道暢通,減少呼吸系統反覆感染 機會
 - Clinically proven to increase peak cough expiratory flows to keep patient's airways clear, and reduce recurrent respiratory infections
- ·可調校振動程式以提高流動性 Adjustable oscillation levels to enhance mobilization
- 可拆卸電池足夠全日使用 Detachable battery capable of delivering full-day service



拍痰背心 Afflovest

- 電池驅動以保持使用期間活動能力 The battery-powered AffloVest is designed to increase therapy adherence through mobility
- · 不同尺寸及長度調校,配合個人需要 Custom fit size variations (XXS-XXL) and adjustable shoulder/chest straps to accommodate different patients' needs
- 可因應身體情況調節8段不同力度 Patient-specific therapy with 8 anatomically positioned oscillating motors to create individual pressure waveforms



Afflovest

鼻罩/面罩選擇 Mask Selection

多款鼻罩及全面罩供選擇,以配合不同需要。

Various masks are available to meet the different individual needs, ranging from oral nasal to full face mask.

醫院用 Hospital Use

PerformTrak 面罩 Oral Nasal Mask

- · 前額支架可自由調校角度 Adjustable forehead support
- · 球型頭帶扣易於組裝 Ball and socket head strap clips for easy setup
- · 雙層面罩軟墊 Dual flap face-mask cushion
- ・公立醫院廣泛使用 Widely using in public hospital



家居用 Home use

Amara 矽膠面罩 Oral Nasal Silicone Mask

- ・輕按即可套上軟墊 One-click cushion assembly
- · 彈性矽膠軟墊減少受壓點
 Flexible silicone cushion to reduce pressure point
- 頭帶快速接合扣方便配戴 Quick-fit headgear clips to ease setup
- · 喉管接口可360度旋轉 360 degree rotating elbow



PerforMax 全面罩

- · 面罩支架設矽膠軟墊,配戴更穩定舒服 Overmolded soft silicone cushion permanently attached to the mask frame for secure and reliable fit
- ·可選用標準喉接口或可轉換氣閥 Capable to use standard elbow or interchangeable entrainment





我們設有6間門市,備有多種不同類型家用醫療器材,在舒適、私隱度高的環境下為客戶提供專業的個人化服務。同時客戶亦可於網上商店購物或瀏覽產品相關資訊。

There are 6 Celki VitalAire Experience Centers (CVEC) aim to provide personalized and superior services to customers in a harmonious and comfortable ambience. The online shop is available now!!

門市資訊 Locations

香港區 Hong Kong Island

銅鑼灣店 Causeway Bay

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Whatsapp: 9482 2116

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九龍區 Kowloon

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