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Smart Airway Adult User Manual



The Smart Airway Adult, featuring a modular head and torso, offers a sensor-driven simulation platform enabling validated assessment and personalised feedback for competency training across fundamental and advanced airway techniques.

Embedded sensors track key metrics and display on the app which include incisor force, patient head positioning, jaw thrust, cricoid pressure, cricothyroidotomy, oesophageal intubation, internal airway visuals, ventilation rate and volume (including left and right lung isolation).

A connected custom app offers fully customisable assessment sessions with detailed feedback reports generated after each session outlining performance, user technique and any recommended corrective practice(s). Such sessions include Direct Laryngoscopy & Intubation, Bag-Valve-Mask Ventilation, and Sellick Manoeuvre.

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Product Specifications

Product Name: Smart Airway Adult

Product Code: SAA10001X

Full shipment weight: 12kg

Full shipment dimensions: $79(L) \times 46(W) \times 28(H)$ cms.

Package Contents

The package contains:

- x1 Smart Airway Adult model (SAA10001)
- x1 USB C connection cable
- x1 Smart Airway Adult carrier case
- x1 100ml TruCorp lubrication (TL001)
- x1 Wrap Around Neck Skin (RSN2005)
- x5 Larynx Insert (NLX050) 1 attached, 4 extra

Recommended Equipment Sizes

The recommended equipment sizes to be used with the Adult Smart Airway are as follows:

- Size 6.0-7.0mm ID for nasal intubation
- Size 7.0-7.5mm ID for oral intubation
- Size 3 for LMA laryngeal masks
- Similar respective sizes for other supraglottic devices

Initial Product Setup

On removing the Smart Airway unit from the packaging, place on a flat, level surface. Plug in the supplied USB-C cable. Press the silver ON/OFF button to turn on the Smart Airway unit.

Note: The ON/OFF switch has 2 states:

- 1. Flashing LED- in pairing mode.
- 2. Static LED- the device has paired with a manikin.

Getting Started

The Smart Airway app is available to download from both the App and Google Play stores.



On initial installation after logging in, you will be prompted to install some media files which are embedded in the app. Note: The tablet must be connected to an active internet connection.

On pressing "Start Download", media files will begin to download.

	S	smarta	airway	
	w	Welco e need to downloa	ome! d some media files.	
		Start Do	wnload	
	=	Downloading	nedia files	
On co	ompletion, you will be brou	ught to the h	nome screen.	_
=		smarta	iirway	*
	Practice Mode		Self Directed Train	ning
	ft Practice	Assessment	Instructor Tools	Assessment History

To connect to a manikin, press the connection icon on the top right. This will open the connection dialogue. Select from the list of available devices.

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The manikin can be renamed by pressing the rename icon. Alternatively, press the Wi-Fi icon to configure the internal camera.





There are two methods:

- 1. Internal Access Point- in this mode, the manikin creates its own Wi-Fi network. This mode is most reliable where network dropouts are likely and internet speeds are low. Please note the app will perform in offline mode.
- 2. External Access Point- in this mode, the manikin will connect to your chosen network and remain online.

Enter credentials and press connect.

=	smar	tairway	۲
	Manikin Connection	📆 External Access Point	×
	Enter the ssid and	password to connect	
		onnect	
A Practice			

The app is now fully configured with the manikin and ready to use.

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Icon Interface



The app features a range of icons in various states.

Icon Overview – In practice mode all features are displayed at one time. All features will be on as standard when starting this mode, with the 'eye' icon in the top right acting as a master switch that toggles all features from 'all on' to 'all off.'

In each icon grid, there are two icons are displayed in the top right.

- The ON/OFF toggle switches the selected feature on or off. Note: this toggle only applies to that specific feature and won't affect any other. All icons when turned off will be greyed out and will not respond when interacted with.
- The settings icon opens to display a smaller pop-up window that allows the user to adjust the feature parameters, narrowing the parameters of features will increase difficulty while the widening the parameters will make the features easier. There is a 'Reset to Defaults' option to reset the parameters to default.

Incisor Force

The incisor force is measured on the front two top teeth, this is highlighted in the icon with the dotted graphic. The bar below the teeth icon will turn orange to red depending on the amount of force applied on them. The amount of force used to trigger these can be adjusted in the parameter settings using the settings icon.



Cricoid

The cricoid icon measures the pressure location and the amount of pressure applied. When pressure is applied incorrectly, the icon will highlight red in the incorrect location, and pressure applied will not be displayed. Only when pressure is applied in the correct location will the amount be measured and displayed. The cricoid pressure is displayed as a sliding bar scale for red (sub-optimal) to green (correct) to red (excessive). In the settings icon, user will find the option to select awake or asleep mode.

Head Position

The head position value updates as the head is rotated. The rotation scale has 4 zones, like the other features it uses a sliding scale from green to red. Head position has a 4th zone which is resting, this is the position of the head in neutral when sitting naturally. On the sliding scale there are red zones at either end of the scale, these signify the points of hyperextension and hyperflexion. In the settings these parameters for sniffing, hyper flexion and hyper extension can all be altered to suit the users' preferences or skill level.

Jaw Thrust

The Jaw thrust icon display tswo bars, one for either side of the jaw. If both sides are activated the icon will display green on both sides. If there is an imbalance, red will show on the side where more lift is required.

Airway Camera

The airway camera pane shows real time views of the internals of the airway, focusing on the epiglottis, vocal cords, and vallecular space. On entry of the laryngoscope, the built-in light illuminates the areas mentioned, with the internal camera showing this and updating instantaneously. This allows the user to see a real time representation of the endotracheal tube as it is inserted for ventilation.

Airflow Graphs and Data

The Airflow section shows real time graphical representations of the ventilation profile on the y-axis. This can be shown as either a bar or line graph. The respiratory rate is also plotted along the x-axis in real time. Details of the Respiratory Rate, Tidal Volume delivered, and Peak Inspiratory Pressure are also shown within this icon grid.

Feedback

The Feedback pane displays text feedback based on user performance. Information on each skill set is displayed here, with a toggle ON/OFF to control the audio for each message. Example text/audio prompts include:

- Incisor- "Incisor force detected, reposition laryngoscope".
- Cricoid- "Pressure applied in incorrect position, palpate cricoid cartilage and try again".
- Head Position- "Optimum position achieved, well done".
- Jaw Thrust- "Please review jaw thrust technique".
- Airflow- "Increase ventilation rate".



App Modes

The Smart Airway app has three main operating modes:

- 1. Practice Mode
- 2. Self-Directed Training Mode
- 3. Assessment Mode

Practice Mode

This mode allows the user to familiarise themselves with the model and/or app and get real-time feedback on techniques such as incisor force, cricoid pressure, head position, jaw thrust, and BVM. Additionally, this allows the user to get visualisations of the lung volumes via bar graphs and pressure curves. This will give them feedback on Respiratory Rate (RR), Tidal Volume and Peak Inspiratory Pressure (PIP). The app can discern accurate adherence from inconsistencies in established best practices, creating transparent pathways for targeted refinement. Real time icons along with audio and text feedback provides feedback to the user, allowing them to help better their technique(s).



The screenshot below outlines Practice Mode from a top level:

Features can be turned of independently, allowing the user to tailor their training accordingly.



Self-Directed Training

Self-Directed Training mode contains guided video tutorials on what each skill is, contradictions, background information, and audio and text feedback on the student's performance. This allows students to build and improve their knowledge of procedures, put the knowledge learned in practice mode to the test with an objective self-directed training session. The student can customise what skill they would like to focus on. Quantitative feedback is then provided on how well the student performed with results presented and feedback reports generated.

In real time, students will receive objective performance feedback helping them to improve their technique and become more confident in their abilities. Realtime audio and graphical feedback during the training will provide performance feedback and corrective actions where required.

On selection of Self-Directed Training Mode, the student is asked to complete 4 setup steps:

	Self Directe	ed Training	
1 Learner Info	2 Manikin Connection	3 Skill Selection	4 Session Recording
Name			
ビ Email			
Profession (optional)			
Organisation (optional)		Staff ID (optional)	
		•	

• Step 1: Enter Learner Information-



• Step 2: Manikin Connection- Choose from the list of available manikins.

<	Self Directed Training	
1 Learner Info	2 Manikin Connection 3 Skill Selection	4 Session Recording
Connected devices		
Adult Manikin	C Tap to select	2 🗢 🖨
Available devices	Scanning for devices	
	Next	

Once connected, the device will show under "connected devices".

Here, you may also rename the manikin, configure the internal Wi-Fi camera, and disconnect from the manikin if you wish to connect to a different manikin.



• Step 3: Skill Selection-

The user can pick from a variety of default and custom skills to practice. There are options to skip prelearning sections, as well as the option to pick the amount of ventilation breaths required to complete the objective during ventilation exercises.

1 Learner Info	2 Manikin Connection	3 Skill Selecti	on 🚺	Session Recordin
Defaults	Customs	Selected Skills		
Patient Positioning		Patient Position	ning	
Jaw Thrust		Skip Pre-learning		
Bag Valve Mask Ventilation		Bag Valve Masl	k Ventilation	ī
Nasopharyngeal Airway Dev	ices (NPAs)	Skip Pre-learning		
Oropharyngeal Airway Devid	ces (OPAs)	10 Breaths	30 Breaths	50 Breaths
Supraglottic Device Introdu	ction			
Supraglottic Device Ventilat	ion			

Selected Skills can be reordered by holding down over the list icon and dragging accordingly. Pressing the trash bin icon will remove the skill from the Selected Skill list.



• Step 4: Session Recording-

This allows the user to setup video recording of the upcoming session. Using either the rear or front camera on your chosen device, this functionality can be enabled. This recording will then appear in the results after completion of a skill, with malpractice events timestamped for review.

Note: Ensure that the full manikin is in frame before pressing Start.





On pressing start, pre-reading information will be displayed linked to the skills chosen to be trained on. This includes information on procedure preparation, method, and complications. This is followed by a demonstration video for the chosen skill.

<	Self Directed Training		<	Self Directed Training
Review the Procedure Information for	or Patient Positioning		Watch the Demonstra	ation Video for Patient Positioning
Preparation Overview: • Patient head position is crucial for optime • Proper positioning can improve visualizat	Method al airway management during various proceed tion of airway structures and facilitate succes	Complications dures ssful intubation or other interventions	ſ	+ trucorp
Indications: • Essential for all airway management prov • Ensures alignment of the oral, pharyngea Contraindications: • There are no specific contraindications to	cedures, including intubation, bag-mask ven al, and laryngeal axes, facilitating easier pas proper patient head positioning for airway r	tilation, and insertion of supraglottic devices sage of ainway devices management	\sub	Head Positioning Procedure & Techniques
				smartairway
	Proceed			Proceed

The practical part of the training will now begin. Pressing Start Objective will begin the objective, the countdown clock will start. In this mode, icons related to the chosen skill will be displayed.





On completion, a summary of results will be displayed alongside session recordings (if selected during setup). These may be exported to pdf format using the "Share Report" button or emailed to the user via the 'Email Report' button.

	Self Directed Tra	ining			×
Jaw Thrust	🗠 Email Report	Share Report	O Retry Session	i≡ Reselect Skills	
Summary	Results		Vide	0	
Jaw Thrust					
 Demonstrate and carry out a jaw thrus maintaining for 5 seconds. You had 30 seconds to complete the or 	t manoeuvre on the bjective	e Smart Airway e	ffectively to ope	n the airway,	
 Objective Completed in 21 seconds 	:				
📒 Head Position Feedback					
Instances of hyper-extension: 1					
Instances of hyper-flexion: 0					
🗾 Jaw Thrust Feedback					
Incorrect technique on left: 1					
Incorrect technique on right: 1					
It took vou 21 seconds to complete this o	biective.				





Results Interface buttons:

Reselect Skills- allows for the user to train on a different skill(s) without having to go through the full setup procedure again.

Retry Session- allows the user to repeat the training just completed.

Share Report- generates a PDF version of the results which can be shared or saved locally.

Email Report- allows the user to send a PDF version of the results to the email address they entered in Step 1 of self-directed training.

The 'X' icon exits the current session.

Assessment Mode

Assessment Mode offers a variety of both preset and custom scenarios whereby the instructor can setup and host a session for the student to join to. The instructor can modify scenarios and assessment criteria based on the user's level of experience. Additionally, pre-theory knowledge questions for each topic or procedure are provided and marked accordingly. Debrief video and quantitative feedback is provided post assessment, and the instructor can provide additional feedback on how they can improve their technique. A certificate of completion and summary of results will be provided at the end of the assessment which includes answers to the questions.

The instructor can host two types of assessment:

- 1. Local- both tablets must be connected to the same Wi-Fi network.
- 2. Remote- tablets may be connected to different networks, allowing for remote access.

Note: Two tablets of the same operating system are required for Assessment Mode.



On starting the session, the instructor will select an assessment for the student to complete.

	Assessment Selection	2	Assessm	ent Questions	3	Camera Cor	nfiguration
_				law Thrust			
_	Defaults	Customs		Jaw Thrust			
AII A	ssessments		•	You encounter ar	unrespons	sive patient	on the
0	3. Patient Positioning			ground. Your obje maneuver to ope risking further sp	ective is to p n the patier inal iniury.	perform the ht's airway w	jaw thrust without
0	4. Jaw Thrust	i.		Objective:			
0	5. Jaw Thrust			Perform the jaw t patient's airway v	hrust mane while minim	euver to ope nizing move	en the ment of the
0	6. Jaw Thrust			cervicar spine.			
0	7. Bag Valve Mask Ventilation						
0	8. Bag Valve Mask Ventilation						
0	9. Bag Valve Mask Ventilation						
	Supervised Assessment		Proce	eed			E Chat
	Supervised Assessment Assessment Selection	2	Proce	eed ent Questions	3	Camera Cor	🖃 Chat
aw) qui	Supervised Assessment Assessment Selection Thrust estion(s)	2 X Random Se	Proce Assessme	eed ent Questions X Clear A	3	Camera Cor	F Chat
aw) qua ?	Supervised Assessment Assessment Selection Thrust estion(s) True or False: The jaw thrust man- hyperextending the neck. Answer: True	2 X Random Se euver is primarily	Proce Assessme election r used to or	eed ent Questions X Clear A pen the airway by disp	3 VI lacing the ma	Camera Cor E s	Chat figuration elect All d without
aw)) qui ? ? ?	Supervised Assessment Assessment Selection Thrust estion(s) True or False: The jaw thrust manny hyperextending the neck. Answer: True True or False: Jaw thrust is contratexacerbating spinal damage. Answer: False	Random Se Random Se euver is primarily aindicated in pati	Proce Assessme election r used to op ents with s	eed ent Questions X Clear A pen the airway by disp suspected cervical spir	3 VI lacing the ma ne injuries due	Camera Cor E s ndible forward	Chat figuration elect All d without
aw)) qui ? ? ?	Supervised Assessment Assessment Selection Thrust estion(s) True or False: The jaw thrust many hyperextending the neck. Answer: True True or False: Jaw thrust is contra exacerbating spinal damage. Answer: False True or False: During the jaw thrust applied upwards to lift the jaw. Answer: True	Random Se Random Se euver is primarily aindicated in pati st maneuver, the	Proce Assessme election r used to op ents with s fingers are	eed ent Questions X Clear A pen the airway by disp suspected cervical spir e placed behind the an	3 M lacing the ma he injuries due gle of the mar	Camera Cor E s ndible forward to the risk of ndible and pre	Chat figuration elect All d without s s s s s s s s s s s s s
aw 9 qu ? ? ? ?	Supervised Assessment Assessment Selection Thrust estion(s) True or False: The jaw thrust man hyperextending the neck. Answer: True True or False: Jaw thrust is contra exacerbating spinal damage. Answer: False True or False: During the jaw thrust applied upwards to lift the jaw. Answer: True True or False: Jaw thrust is comm unconscious patients. Answer: True	Random Se Random Se euver is primarily aindicated in pati st maneuver, the nonly used in conj	Proce Assessme election r used to op ents with s fingers are junction wi	eed ent Questions Clear A pen the airway by disp suspected cervical spir e placed behind the an- ith head tilt-chin lift ma	3 ul lacing the ma ne injuries due gle of the mar aneuver to ma	Camera Cor E s ndible forward e to the risk of ndible and pre intain a paten	Chat figuration elect All d without sssure is t airway in
aw qui ? ? ? ? ?	Supervised Assessment Assessment Selection Thrust estion(s) True or False: The jaw thrust man hyperextending the neck. Answer: True True or False: Jaw thrust is contra exacerbating spinal damage. Answer: False True or False: During the jaw thru: applied upwards to lift the jaw. Answer: True True or False: Jaw thrust is comm unconscious patients. Answer: True True or False: Jaw thrust is comm unconscious patients. Answer: True True or False: Jaw thrust can be p airway management. Answer: True	Random Se Random Se euver is primarily aindicated in pati st maneuver, the nonly used in conj performed with th	Proce Assessme election r used to or ents with s fingers are junction wi	eed ent Questions Clear A pen the airway by disp suspected cervical spir e placed behind the an ith head tilt-chin lift ma in both supine and sitti	3 Ullacing the ma ne injuries due gle of the mar aneuver to ma ng positions t	Camera Cor Camera Cor Indible forward to the risk of ndible and pre- ndible and pre- ndible and pre- ndible and pre-	Chat
aw qui ? ? ? ? ? ?	Supervised Assessment Assessment Selection Thrust estion(s) True or False: The jaw thrust man hyperextending the neck. Answer: True True or False: Jaw thrust is contra exacerbating spinal damage. Answer: False True or False: During the jaw thrust applied upwards to lift the jaw. Answer: True True or False: Jaw thrust is comm unconscious patients. Answer: True True or False: Jaw thrust can be p airway management. Answer: True Which of the following describes:	Random Se Random Se euver is primarily aindicated in pati st maneuver, the ponly used in conj performed with th the primary object	Proce Assessme election r used to or ents with s fingers are junction wi te patient i ctive of the	eed ent Questions Clear A pen the airway by disp suspected cervical spir e placed behind the an ith head tilt-chin lift ma in both supine and sitti e jaw thrust maneuver?	3 Il lacing the ma ne injuries due gle of the mar aneuver to ma ng positions t	Camera Cor Camera Cor s ndible forward e to the risk of ndible and pre- intain a paten o ensure adec	Chat Infiguration elect All d without sssure is t airway in quate



The student will then be briefed and prompted to enter their information and connect to their preferred manikin.

Supervised Assessm	nent		E Chat
1 Learner Info	2 Device Selection	3 Camera Settings	4 Assessment Info
Name			
🞽 Email			
Profession (optional)			
Organisation (optional)		Staff ID (optional)	
	Pro	ceed	

Before the assessment, the student will be presented with a mix of True/False and open-ended quiz questions to complete. These will form part of the Certificate of Completion, along with session results.

<	Supervised Assessment	🗖 Chat
Com	plete the assessment questions	
True hyp	e or False: The jaw thrust maneuver is primarily used to open the airway by displacing the mandible forwar erextending the neck.	d without
(True	
(False	
True upw	e or False: During the jaw thrust maneuver, the fingers are placed behind the angle of the mandible and provards to lift the jaw.	essure is applied
(C False	
True mar	e or False: Jaw thrust can be performed with the patient in both supine and sitting positions to ensure ade nagement.	quate airway
(O True	
,		
	Proceed	



The practical aspect follows. During assessment mode, no realtime feedback is given to the student, but the instructor will have full access to their performance in real time:

Student side:

Jaw Thrust		00:30 🤇
Demonstrate and carry out a j maintaining for 5 seconds.	aw thrust manoeuvre on the Smart A	irway effectively to open the airway,
You have 30 seconds to comp	plete the objective	
	Start Objective	
structor side:		
Supervised Assessment		E Chat
tudent 5454	low Thrust	Finish Assocrant
tudent5454@trucorp.com	Jaw mirust	Philish Assessment
aw Inrust	ust manoeuvre on the Smart Airway effectiv	vely to open the airway.
maintaining for 5 seconds.	ust manued vie on the Smart Airway enectiv	0 00:1
Student has 00:30 to complete this	objective	
-		
-		
Jaw Thrust	HEAD ANGLE	



On completion of the assessment, the instructor will review the results and grade the performance. This can be done straight away or reviewed later in the Assessment History tab on the home screen. Answers to the quiz are shown under the "Exam" tab.

<	Supervised Assessn	nent			📃 Chat	
Jaw	Thrust			💍 Retry Session		
	Summary	Results	Exam	Video	Feedback	
4/	Examination Questic	ns Results				
Jaw	Thrust					
1	Demonstrate and carry maintaining for 5 seco You had 30 seconds to	/ out a jaw thrust nds. o complete the ob	manoeuvre on the Smar jective	t Airway effectively to	o open the airway,	
~	Objective Complete	d in 16 seconds				
ln: In:	Head Position Feedb stances of hyper-exter stances of hyper-flexic	ack Ision: 0 n: 0				
	🗸 Passed		X Failed		• Review Later	



Instructor Tools

The Instructor Tools section contains tools which can be used to setup and configure many aspects of the app including:

- Assessment Manager- Setup, configure and design custom assessments.
- Certificate- Design and create custom certificates.
- Limit Editor- Generate custom limit settings for each feature.

≡	smartairway			*
	Sessment Manager	Certificate Designe	er Limit Editor	
	Practice	R Assessment	Tools "O History	

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Assessment Manager

The Assessment Manager allows instructors to create custom assessment scenarios, with full flexibility on the Title, Description, Objective and Procedures involved. These can be saved for future use during Instructor Led assessments.

← Assessments Manager



Certificate Designer

Cartificate Designer

You have the ability to create custom certificates for your students once they have completed a session using the Assessment mode. It can show a variety of information tailored to your needs and represent your organisation. Have the ability to change the logo and colour to match your brand as well as change headings, scenario names, key scores, and statistics. Save these templates for easier access in the future.

Default Theme	← Create New	1 days o sup	
Primary Color	Logo Image	- rucorp	
	trucorp	CERTIFICATE of COMPLETION	
		THIS ACKNOWLEDGES THAT	
Bordered	Clean	John Doe HAS COMPLETED	
Show watermark		Sample Course 25/04/2024 13.34	
Show medal graphic			
Signature Text Test Certificate	1	Test Certificate	
Save Changes	Delete 🛨 Activate		



Limit Editor

Here, instructors can create new custom limits for each feature, narrowing or widening the level of difficulty for their students. These can be named and saved for future use in Assessments, Self-Directed Training exercises or during Practice Mode.

	Awake Insufficient	Correct	Excessive	
	Aslaan			
	Insufficient	Correct	Excessive	- 21
				=

Assessment History

On the instructor side of the Smart Airway app, the instructor has the ability to review and grade past assessments carried out by connected students. This will allow the instructor to review their student performances' as they please, structured in one easy to access location.

≡ smartairway			*
Sellick Manoeuvre (variat	ion 1)		(Here)
Date: 25/04/2024 11:28:25 Learner: Trial K			CERTING
Jaw Thrust (variation 1)			
Date: 26/04/2024 09:47:43 Learner: Test			PENDING
Jaw Thrust (variation 1)			
Date: 25/04/2024 10:27:33 Learner: Trial			CERTIFIC
Bag Valve Mask Ventilation	on (variation 1)		A STATE OF
Date: 25/04/2024 11:20:46 Learner: Tester			CERTITION
Patient Positioning (varia	tion 1)		SHIFED CD
Date: 25/04/2024 10:29:04 Learner: Trial			CERTIFIC
Practice	Assessment	Instructor Tools	Assessment History



Troubleshooting and FAQs

Issues with connectivity/timeout?

• Close the app, turn off the manikin and reconnect.

Uneven chest rise during BVM/ correct intubation?

• Give 3-5 excessive breaths to free the chest mechanics.

Problems powering on the unit?

• Ensure the USB-C power cable is plugged into the recommended adaptor.

Issues with the Smart Airway app?

• Ensure you have downloaded the latest release from the App Store or Google Play store.

Issues with the internal camera view?

• Ensure the laryngoscope in use has sufficient battery to provide adequate lighting.

Issues with the cricoid pressure sensors?

• Before turning on the unit, ensure the sensor clip is secured around the airway, with the larynx insert place correctly and markers aligned.

Issues with a specific feature?

• Contact TruCorp to discuss – <u>info@trucorp.com</u>

Care and Maintenance

The model should be treated with care, as though it is a real-life clinical environment. When the product is not in use, please store in the black carrier case provided.

Store in clean, dry conditions away from heat and direct sunlight; avoid contact with metals, solvents, oils or greases and strong detergents.

Alcohol wipes (minimum 75%) may be used on the airway in accordance with the manufacturer's instructions.

Electronics:

Electrical Safety

<u>Power Supply:</u> The product operates at 5V with a USB-C to USB-A cable connected to wall adaptor or USB-A port. Using a power supply with a different voltage may cause the product to malfunction or cause damage and void the warranty.

<u>Disconnect When Not in Use</u>: If you do not plan to use the product for an extended period, unplug it from the power source.



<u>Avoid Overloading:</u> Do not connect the product to a power source that is already overloaded with other devices.

Operating Environment

<u>Temperature:</u> Operate the product in a well-ventilated area. Avoid placing it in direct sunlight or near heat sources as excessive heat can damage the internal components.

<u>Humidity:</u> Keep the product in a dry environment. High humidity can lead to condensation, which may cause electrical shorts or other malfunctions.

<u>Dust:</u> Keep the product away from dusty areas. Dust accumulation can affect the performance and cooling of the product.

Software Updates:

<u>App Updates:</u> Ensure that the Smart Airway app is up to date. Check the App Store/Play Store for updates.

Internal Access

<u>No User Accessible Components:</u> This product is designed without any useraccessible components inside. Please do not attempt to open the casing or access the internal parts.

Troubleshooting

<u>Refer to the Manual:</u> If you encounter any issues with the product, refer to the troubleshooting section of this manual for guidance or our product "How to" videos.

In response to the recent COVID-19 pandemic, we recommend this additional step to ensure the product is fully sanitised:

Use alcohol spray (minimum 75%) and wipe off. Repeat this for 3-4 times to ensure to kill the virus completely. This method can be used on both the silicone skin and the latex airway.



Warranty

TruCorp warrants this unit to be free of defects in materials and workmanship and to give satisfactory service for a period of 1-year from the date of delivery. This ensures that our customers receive maximum coverage on each product. If the unit should malfunction it must be returned to the factory for evaluation. Upon examination by TruCorp, if the unit is found to be defective it will be repaired or replaced at no charge.

TruCorp will pay for the freight/delivery and the actual parts needed free of charge if any part of the product fails within the 1-year period.

However, these warranties are VOID, if; the unit shows evidence of having been tampered with or shows evidence of having been damaged by excessive heat, the use of sharp instruments, misapplication, misuse or other operating conditions outside of TruCorp's control. Components that wear or are damaged by misuse are not warranted and will be charged for if repair has been approved. Warranty is void if third party products are seen to have damaged or caused failure of the TruCorp models. Please ensure to closely follow the recommend equipment sizes (please refer to page 6), if damage occurs due to misuse of equipment, your warranty will be void.

Please direct all warranty and repair inquiries to:



E: <u>info@trucorp.com</u> Tel: +44 (0) 28 3888 2714 TruCorp Ltd, 33 Waringstown Road, Lurgan, Co. Armagh, BT667HH, N. Ireland