

## Airway Assessment Training Model

Evaluation points are displayed on the Tablet PC

Automated Evaluation / Performance Result



NURSING MILITARY MEDICINE EMS HOSPITAL

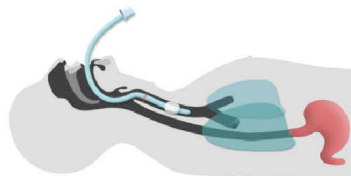
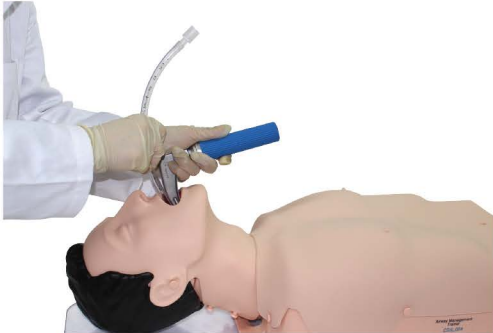
### THE PIONEER OF MEDICAL EDUCATIONAL SIMULATOR

To be a leading company of respecting the human life and improving the quality of life, BT Inc. was established for developing and supplying the medical training and first aiding simulators.

BEST  
TECHNOLOGY  
BETTER  
TOMORROW

# Features and Functions

## ETT Intubation



Status of Normal depth intubation



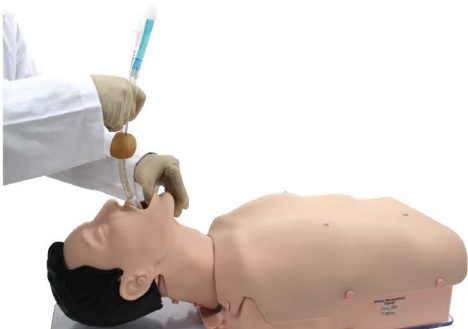
Status of right side bronchus intubation

## LMA / i-gel intubation



Status of LMA / i-gel intubation

## Combitube intubation

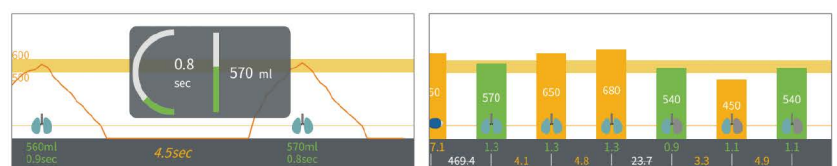


Status of airway intubation



Status of esophagus intubation

## Artificial ventilation



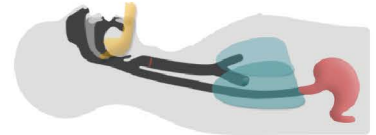
The subsections of training data such as respiration counts, volume and interval are displayed

# Features and Functions

## Open airway



Status of head tilt and chin lift



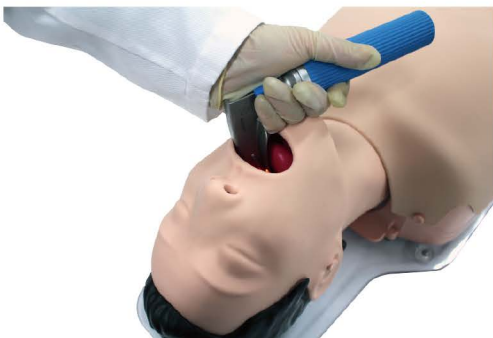
Status of jaw thrust

## Sniffing position



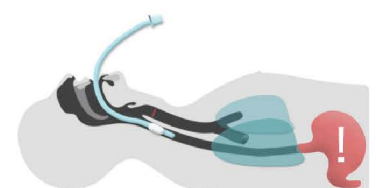
Status of sniffing position

## Alarm for the incisor compression



Alarm may alerts when over-pressure is applied on incisors

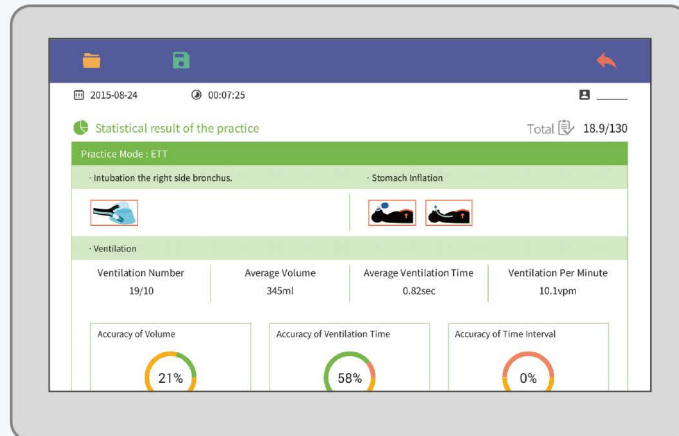
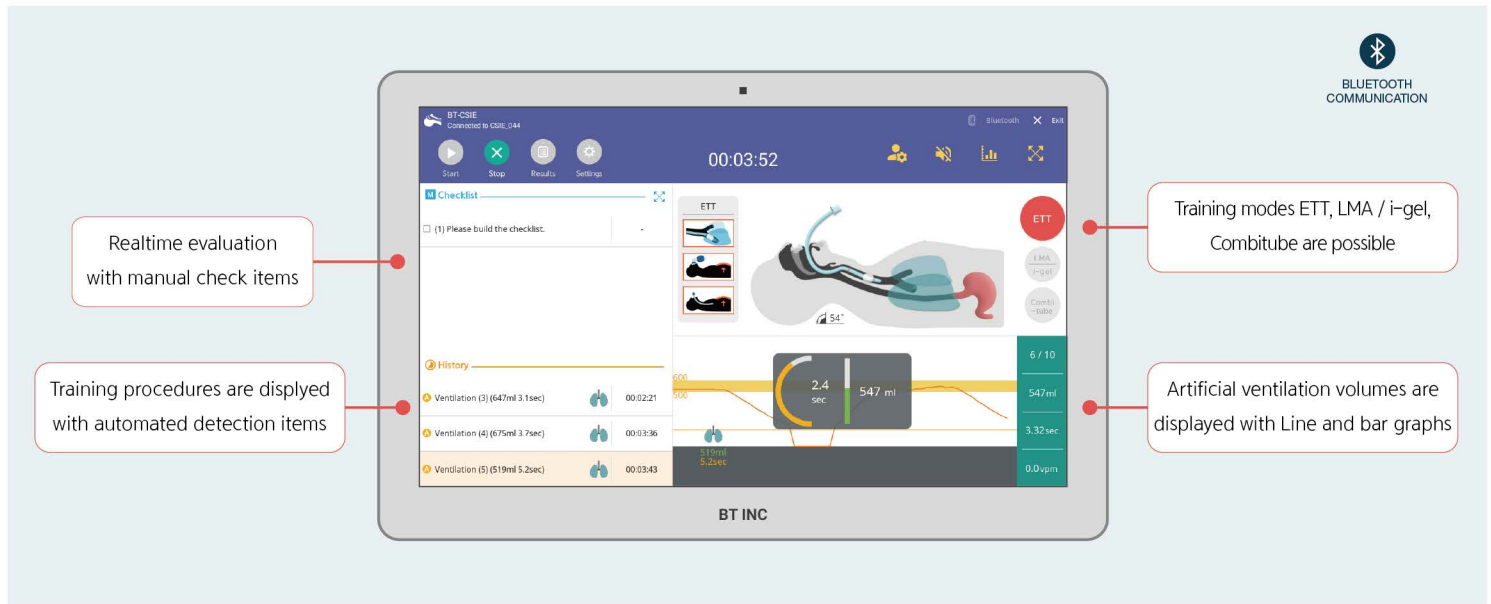
## Gastric inflation and deflation



Status of gastric inflation

# Layout of Software

Evaluation points are displayed on the Tablet PC



## Results Briefing

- + Data of training results can be saved
- + The saved data can be reloaded
- + Data files can be transformed to pdf format

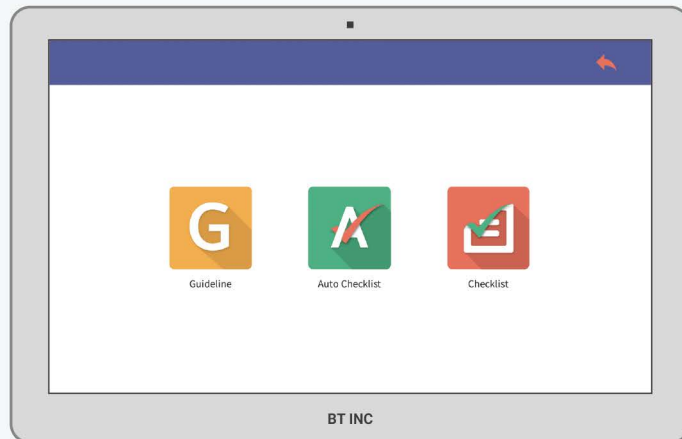
Trainee Name	File	Size
y	2015-09-24 (14_34_48).pdf	654KB
y	2015-09-24 (14_15_34).pdf	530KB

+ Reloading the saved data

Displaying the pdf file

# Evaluation Checklist

All of the training results including automated detection and manual check items are saved



## Evaluation Setting

### + Guide lines

- Evaluation items can be revised regarding ventilation

### + Automated recognized items

- Automatically recognized items can be added or excluded

### + Manual check items

- Evaluation check items can be added or excluded

회전 횟수	10회
회전량	500ml ~ 600ml
호기 시간	0.5sec ~ 1.5sec
호흡간 소요 시간	5sec ~ 6sec
호흡간 최대 소요 시간	10sec
실용 시간	3분

### + Guideline

Total Score 120	
1 Opening the airway?	10
2 Lifting the chin?	10
3 Positioning the sniffing?	10
4 Breaking the incisors?	10
5 Intubate the right side bronchus.	10
6 Stomach inflation (BIV)	10
7 Stomach inflation (Esophagus Intubation)	10
8 Accuracy of Ventilation Number	10
9 Accuracy of Volume	10

### + Automatically recognized items

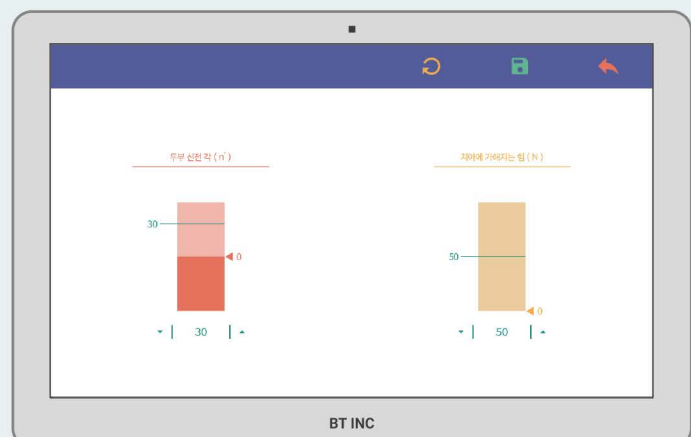
Total Score 10	
Please build the checklist.	10

### + Manual check items

## Parameter Setting

### + Setting the head extension angle and force on incisor


- Standard angle for airway opening can be adjusted
- Standard force for dental injury can be adjusted



—— THE PIONEER OF MEDICAL EDUCATIONAL SIMULATOR ——

# Best Technology & Better Tomorrow

**RORACO GmbH**  
Firmensitz: 2340 Mödling, Demelgasse 2/2  
Betriebsstätte: 3031 Pressbaum, Josef-Perger-Straße 2



Tel: +43 (1) 3105868      Web: [www.roraco.at](http://www.roraco.at)  
Fax: +43 (1) 3103955      Email: [office@roraco.at](mailto:office@roraco.at)

WENN ETWAS PASSIERT... RORACO HILET!  
IHR ZUVERLÄSSIGER PARTNER SEIT MEHR ALS 80 JAHREN



Seoul branch / T: +82-2-2038-2903  
Busan branch / T: +82-303-3130-0607  
[www.btinc.co.kr](http://www.btinc.co.kr) / [bt@btinc.co.kr](mailto:bt@btinc.co.kr)