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Dtae-30th May 2018

## TO WHOM IT MAY CONCERN

This is to certify that we Laerdal Medical are the only manufactures for an advanced wireless controlled Premature Anne, a realistically proportioned 25-week preterm manikin developed in collaboration with the American Academy of Paediatrics (AAP). Premature Anne model 295-00050 is designed to facilitate the training of healthcare professionals in the initiation of proper care and resuscitation of preterm infant

These realistic simulations will help to strengthen the learner's ability to assess, diagnose and treat preterm infants as part of a team with the help of clinical feedback and simulates physiological parameters including wave form and value display for HR, ECG, SpO<sub>2</sub>, BP, RR, Temperature, etCO<sub>2</sub>, as in a real patient monitor

It has inbuilt 08 Nos Neonatal Resuscitation Program scenarios designed for the resuscitation of a 25-week old new-born:

1. Positive-Pressure Ventilation and Continuous Positive Airway Pressure (CPAP)
2. Positive-Pressure Ventilation and Endotracheal Intubation
3. Positive-Pressure Ventilation, Endotracheal Intubation, and Chest Compressions
4. Positive-Pressure Ventilation, Endotracheal Intubation, Chest Compressions, & Medication
5. CPAP, Oxygen Management, and Orogastic Tube
6. Positive-Pressure Ventilation, CPAP, Intubation, and Surfactant Administration
7. Intubation, Chest Compressions and Umbilical Vessel Catheter Placement: Ethics and Care at the End of Life
8. Resuscitation of 25-Week New-born Twins

### Airway Features

Anatomically accurate, realistic airway  
ET tube insertion  
Sellick Manoeuvre  
Positive Pressure Ventilation  
Right mainstem intubation  
Suctioning  
OG/NG tube insertion

### Vascular Access

Patent, cuttable umbilicus with venous and arterial access for bolus or infusion  
Simulated blood flashback upon cannulation of umbilical vein  
Peripheral IV access (dry ports)

### Breathing Features

Bilateral and unilateral chest rise and fall with mechanical ventilation  
Cyanosis  
Unilateral chest movement (right mainstem intubation) with mechanical ventilation

### Cardiac

Realistic Compressions

### Sounds

Auscultation of lung sounds during ventilation  
Heart sounds  
Vocal sounds

**The Manikin Skin be should realistic and made of polyvinylchloride (PVC), without rubber content two manikin along two bag valve masks**

1. The manikin should be able to withstand High Temperature (50°C).

[customer.service@laerdal.co.in](mailto:customer.service@laerdal.co.in)

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2. The Manikin Should have Natural obstruction of the airway that allow students to learn the important technique of opening the airway.
3. The manikin should Head tilt/chin lift and jaw thrust should allow students to practice correctly all maneuvers necessary when resuscitating a real patient.
4. The Manikin should have Realistic chest compliance so that students can experience the proper technique required for chest compressions on infants.
5. The manikin should have visible chest raise during ventilation.
6. The Manikin should allow Foreign-body airway obstruction feature to practice the release of a foreign-body obstruction through back blows and chest-thrust techniques
7. The manikin should have Economical disposable airways for quick and easy clean up.
8. The Manikin should have Removable and reusable faces for convenient and affordable maintenance, Demonstration at office.

#### **Infant airway trainer**

- Realistic anatomy of the tongue, oropharynx, epiglottis, larynx, vocal cords, and trachea
- Practicing of oral and nasal intubation
- Practicing use of LMA (Laryngeal Mask Airway)
- Correct tube placement can be checked by practical inflation test
- Ability to perform bag-mask ventilation
- Ability to perform Sellick manoeuvre
- Realistic tissue simulation

We also confirm that the said product with its published specifications is not manufactured by any other manufacturer in the world'

We are pleased to confirm that M/S. DIVINE SURGITECH HAVING OFFICE AT B - 369, SUDERSHAN PARK MOTI NAGAR NEW DELHI - 110015 is our Distributor.

#### **Authorized Signatory**



**Manohar Rawat**  
**Sale and Solution Developer**

**For LAERDAL MEDICAL INDIA PVT.LTD.**

customer.service@laerdal.co.in

www.laerdal.com

