

TRENDS & TECHNOLOGY

COPD screening device

Designed to provide an accurate and cost-effective



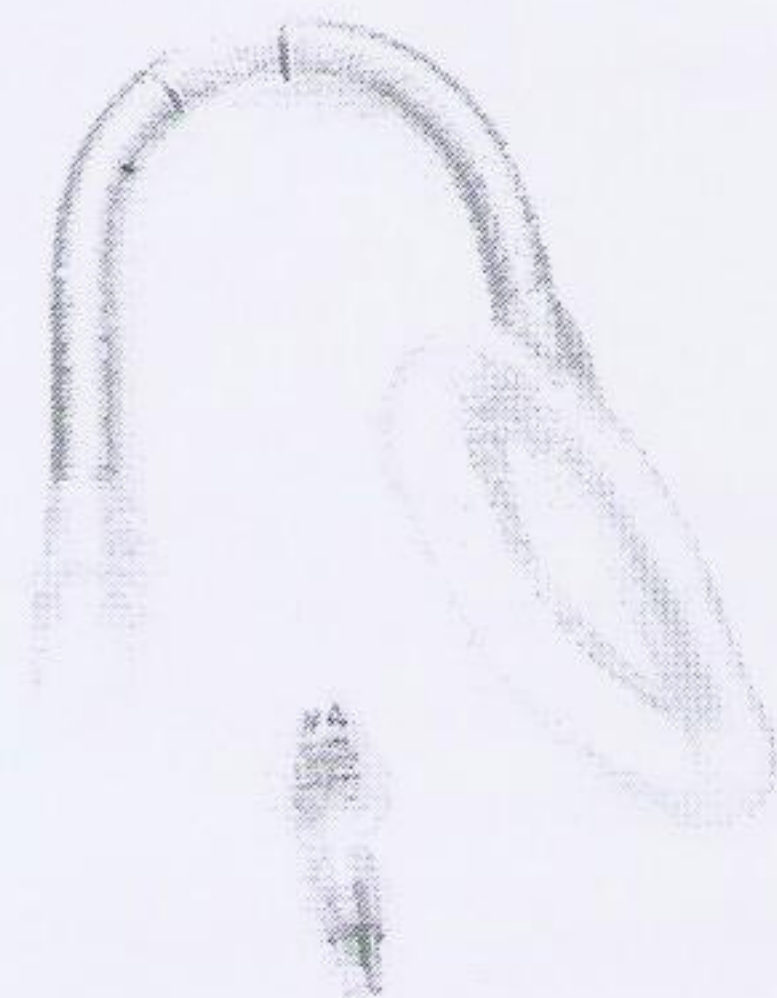
triage or screening tool, the copd-6 identifies likely cases of chronic obstructive pulmonary disease, (COPD) by measuring patients' obstructive index and FEV1 /

FEV6 ratio. When the measurements are within normal range, the patient can be screened out, thus allowing diagnostic spirometry resources to be focused on those most at risk. Details about the patient's age, gender and height are entered to generate predicted values necessary for obstructive index, COPD classification and lung age. Displayed key parameters for clinical interpretation include obstructive index and COPD classification (stage I-IV), FEV1 / FEV6 ratio and the percent predicted. The instrument is user friendly, suitable for multi-patient use, and has a detachable flow-head for easy cleaning.

VITALOGRAPH LTD
Buckingham, UK

Disposable Flexible Laryngeal Masks

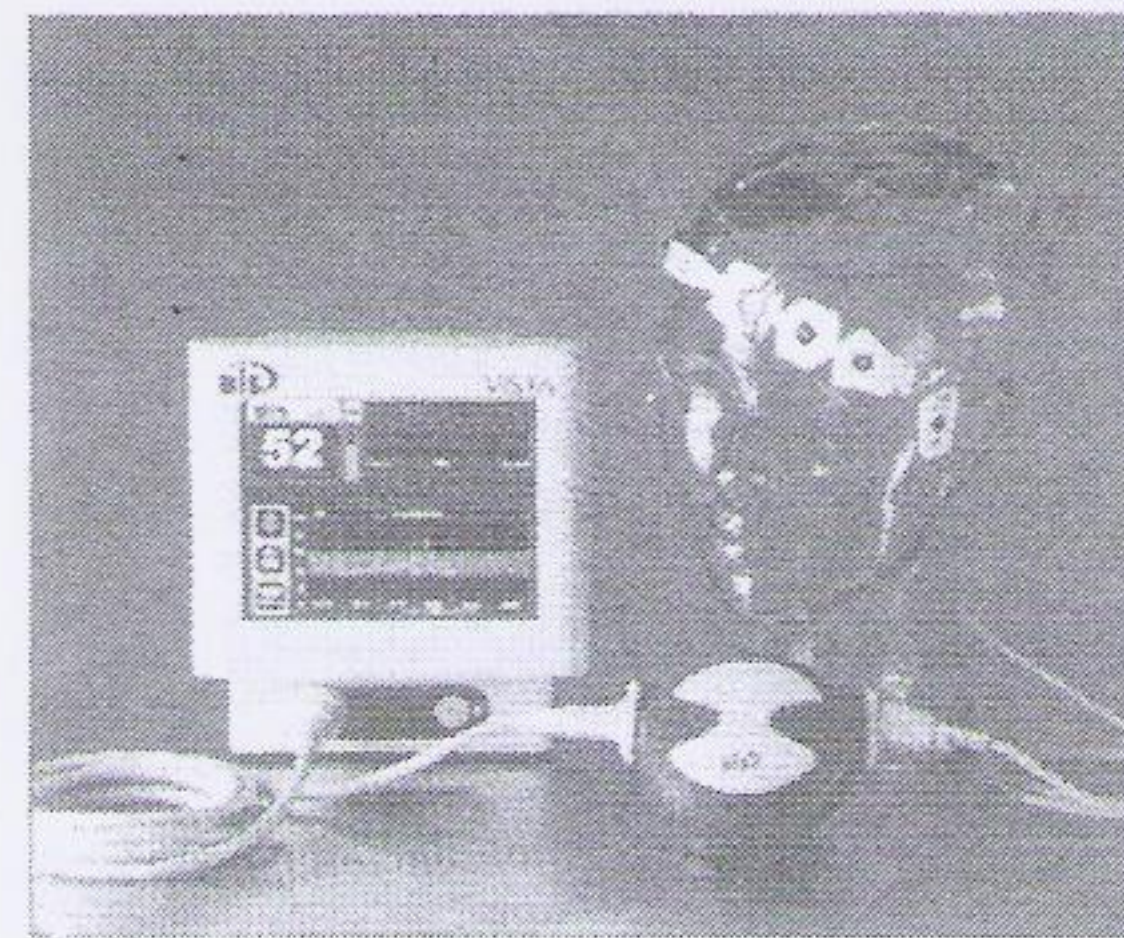
Aura Flex is specially designed for ENT, ophthalmic, dental and other head and neck surgeries. This laryngeal mask is so flexible that it can easily be taped well away from the surgical field. Improving surgical access without any loss of seal. The flexible tube is also reinforced with kink-



free wire, which eliminates the risk of airway tube occlusion. The integration of a plot pilot tube in the airway tube eases handling and insertion while greatly reducing the risk of cutting the pilot tube during surgery. Other key features include a reinforced tip for fast and accurate positioning, a very soft, thin cuff with easy glide surface for quick and smooth insertion, and teeth marks for a visual check of the mask position.

AMBU A/S
Ballerup, Denmark .

BIS monitoring system

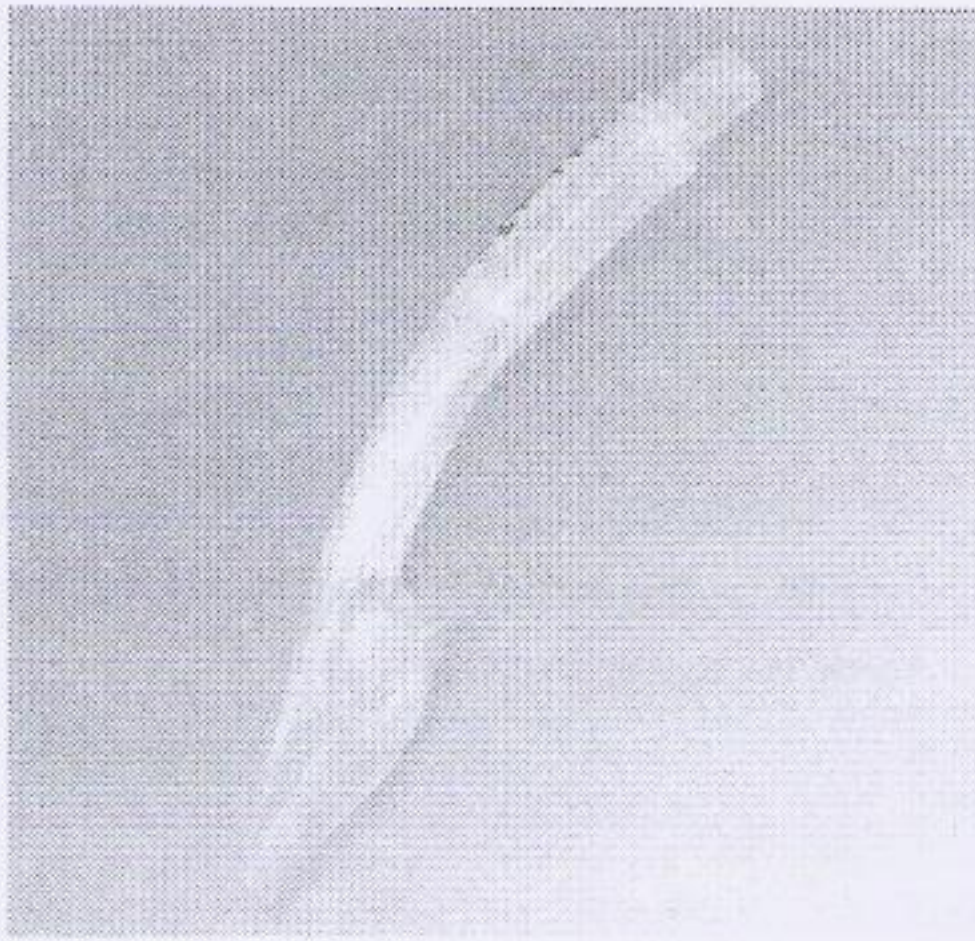


Bispectral Index (BIS) technology is now accessible as a stand-alone monitor or as a fully integrated solution that interfaces with most leading patient monitoring

systems. The BIS Vista stand-alone depth of consciousness monitor features a colour screen with touch-screen navigation, a USB-2 port for system expandability, alarms with user-adjustable volumes and an extended battery life. By using a BIS sensor that is placed on the patient's forehead, it is possible to capture the brain's electrical activity or EEG. The sensor connects to a BIS processing unit to translate the information from the electroencephalogram into a single number that represents each patient's level of consciousness. Clinicians use the BIS value to guide administration of anaesthetic medication and make informed decisions to ensure that each patient receives the precise amount of anaesthesia or sedation required.

ASPECT MEDICAL SYSTEMS
INTERNATIONAL BV
De Meern, The Netherlands

Single-use, supraglottic Airway

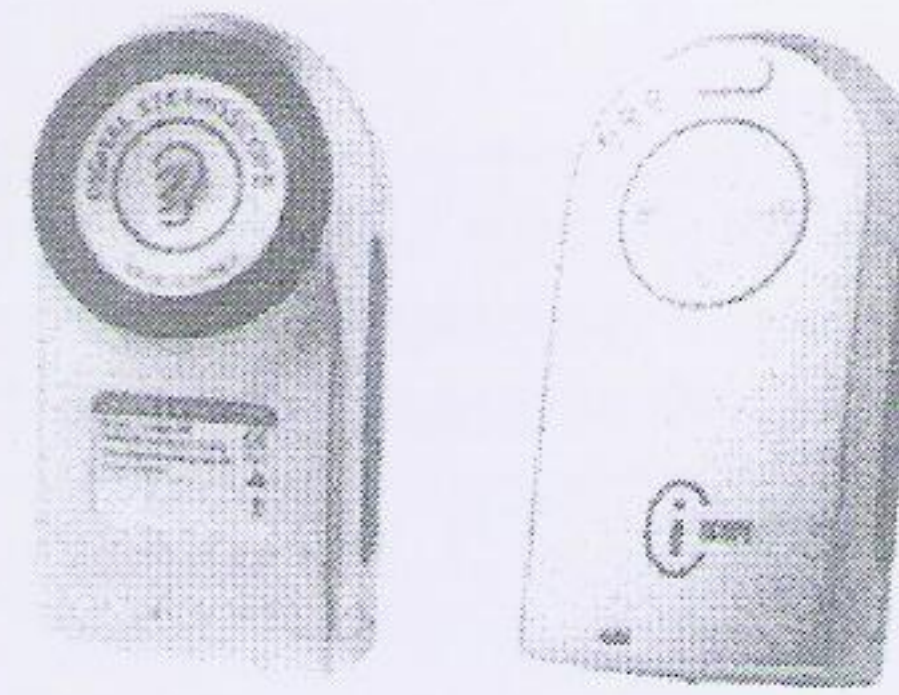


i-gel is designed to allow quick, easy insertion. The ready-to-use device accurately positions itself over the laryngeal framework to provide a reliable perilaryngeal seal without the need for an inflatable cuff. It

also incorporates a gastric channel for improved safety, an integral bite block to reduce the possibility of airway occlusion and a buccal cavity stabiliser to aid rapid insertion and eliminate the potential for rotation.

INTERSURGICAL
Wokingham, UK .

Digital stethoscope



Using the i-Scope 200 battery-operated digital stethoscope, auscultation can be carried out through a patient's clothing. With selection modes

for heart, lungs and abdomen, the focus can be maintained on the sounds of each organ separately and even the most delicate sounds can be examined. No resonance from the stethoscope is perceived, and the volume can be adjusted. This stethoscope is easy to use and is equipped with soft-tipped ear buds for added comfort.

DONGJIN MEDICAL
Kyunggi-Do, Korea .

