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Clinical application of ventilator

呼吸机临床应用

(English Translation)

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Foreword

Chapter 4 of this standard, Chapter 5, Chapter 6, Chapter 7 is mandatory, the rest are recommended terms.

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed by the Ministry of Health Medical Services Standards Committee.

This standard was drafted. Huazhong University of Science and Technology Tongji Medical College Affiliated Union Hospital, Xiangya Hospital of Central South University, Fourth Military Medical University Affiliated Xijing Hospital, Affiliated Renji Hospital of Shanghai Jiaotong University, People's Hospital of Wuhan University, First Affiliated Hospital of Chongqing Medical University, Zhejiang Medical University Run Run Shaw Hospital Affiliated to Medical College, First Affiliated Hospital of Nanjing Medical University.

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1 Scope

This standard specifies the basic requirements of the use of ventilators and units, clinical application process, monitoring indicators, scope of application of breathing machine, breathing Machine classification and use, care principles, ventilator treatment of sedation, analgesics and muscle relaxants and application of norms related to ventilator and so on.

This standard applies to all levels of medical institutions across the country medical staff on the clinical application of ventilator.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 9706.28 Medical electrical equipment - Part 2. Ventilator safety requirements for the treatment of ventilator WS 310 hospital disinfection supply center

3 Terms and definitions

The following terms and definitions apply to this document.

Ventilator Life support devices that improve respiratory function, reduce respiratory effort, and save heart reserve.

Mechanical ventilation Use of a ventilator to restore effective ventilation and improve oxygenation in patients with impaired natural ventilation and/or oxygenation.

Non-invasive positive pressure ventilation for non-invasive positive pressure ventventilation, NPPV or NIPPV Via nasal mask or mask and other ways to connect the patient and ventilator mechanical ventilation.

Artificial airway Transnasal, oral or tracheostomy and other means into the catheter to establish a temporary gas channel.

Volumetric ventilation or volume controlled ventilation volume-controledventilation, VCV the ventilator ventilates with a preset ventilation capacity.

Fixed pressure ventilation or pressure pre-set ventilation pressure-controledventilation, PCV Ventilator ventilates with preset airway pressure.

Control ventilation controledventilation; CV Breathing machine completely replace the patient's spontaneous breathing, providing all the work of breathing.

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