

SHENYUN

STERILE SINGLE USE NEGATIVE PRESSURE





PRODUCT TRADING

STERILE SINGLE USE NEGATIVE PRESSURE

The disposable surgical drainage set is a common medical device used for drainage of body fluids after surgery or in trauma treatment.

Its design features and components are designed to provide an effective, sterile drainage solution while being easy to use and replace.

■ Features

- **Disposable:** Sterile before use, discarded after use to prevent cross infection.
- **Efficient drainage:** The porous tube improves drainage efficiency and ensures smooth discharge of body fluids.
- **Safety:** Biocompatible materials: Avoid irritation and allergic reactions to tissues.
- **Comfort:** Lightweight design makes it easy for patients to carry and move around.

■ Precautions

- **Aseptic operation:** Maintain aseptic operation during use to avoid contamination of the drainage tube and drainage bag.
- **Firm fixation:** Ensure that the drainage tube is firmly fixed to avoid displacement or falling off.
- **Replace in time:** Replace the drainage bag regularly to prevent excessive fluid accumulation leading to reflux or infection.

■ PRODUCT COMPOSITION

A disposable surgical drainage set usually includes the following key components: drainage tube, silicone drainage ball, guide needle and drainage bag. Each component is designed for single use to ensure aseptic operation and patient safety.

- **Drainage tube:** Type I, II, III, IV, and other types are available to meet different surgical needs
- **Silicone drainage ball:** Type A and Type B are available for different drainage needs.
- **Guide needle:** Foldable and non-foldable specifications are available for various drainage situations.
- **Drainage bag:** The capacity is 500ml and 1000ml, used to collect and store drainage fluid.



CLINICAL APPLICATION



Thyroid Surgery

Total thyroidectomy, partial thyroidectomy, etc.



Gastrointestinal Surgery

Radical gastrectomy, gastrointestinal reconstruction, enteroenterostomy, hernia repair, etc.



Traumatology Orthopedics

Hip/knee replacement, limb trauma surgery, lumbar fusion, bone tumor resection, etc.;



Urology

Nephrectomy, partial nephrectomy, total cystectomy, etc.;



Neurosurgery

Craniotomy hematoma removal, ventricular drainage, intracranial tumor resection, cerebrospinal fluid shunt, etc.;



Obstetrics and Gynecology

Cesarean section (fat thickness > 5cm), hysterectomy, myomectomy, ovarian tumor removal, etc.;



Plastic surgery

Mandibular angle resection, parotidectomy, limb plastic surgery, etc.;



Neurosurgery

Craniotomy hematoma evacuation, ventricular drainage, intracranial tumor resection, cerebrospinal fluid shunt, etc.;

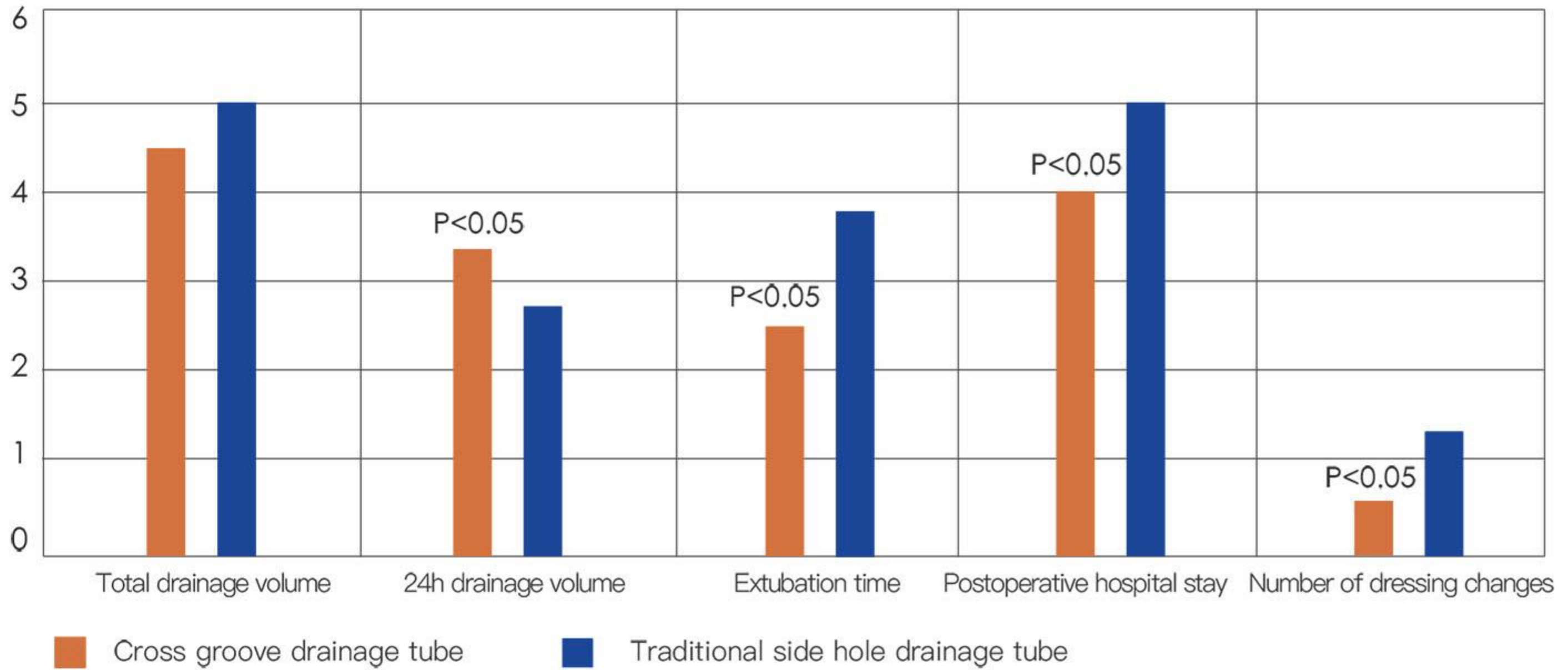


Hepatobiliary and pancreatic surgery

Hemihepatectomy, segmentectomy, bile duct reconstruction, pancreatectomy, etc.;

■ Application of cross groove drainage tube in thyroid surgery

Comparison of drainage effects after thyroidectomy



1. Postoperative continuous drainage is sufficient and effective, reducing the time of postoperative tube wearing, reducing hospitalization time, and reducing overall medical expenses;
2. The texture is soft and has good biocompatibility, reducing the incidence of infection, reducing the number of postoperative dressing changes, accelerating wound healing, and reducing nursing workload.

■ Comparison table of various cross groove drainage tubes

	Shenyun Medical	Foreign substitutes	Domestic substitutes
Material	Imported liquid silicone	Imported ordinary silicone	Domestic ordinary silicone
Processing	One-time extrusion molding	One-time extrusion molding	Segment bonding
Structure	Direct transition	Two-step transition	Direct bonding
Transition section	Short transition section	Long transition section	Transition section bonding structure
Tensile strength	Extremely high tensile strength	higher tensile strength	Tear resistance is low
Advantages	Seamless transition, ultra-short transition band, effectively avoiding tissue blood clots and reducing the risk of blockage	Undemanding process	Simple process
Disadvantages	High process requirements	increased risk of blockage And difficult to flush and restore after blockage	There is a risk of pipe breaking at the bonding site