Single pigtail fixation

Overview

Mini Locking Pigtail Drainage Catheter It supports Single Step or Seldinger placement techniques, featuring a reliable safety string lock for secure pigtai.

Key Takeaways

Single pigtail fixation refers to the secure anchoring of a pigtail drainage catheter using a safety lock system to maintain position while ensuring patient comfort.

Overview

A single pigtail catheter is a type of medical drainage device commonly used for nephrostomy, abscess drainage, and other multipurpose fluid drainage procedures. The catheter features a curled “pigtail” tip that helps retain it in the target cavity, preventing accidental dislodgement during use.

Fixation Mechanism

The single pigtail fixation is achieved through a safety string lock system, which secures the pigtail in place once inserted. This mechanism ensures that the catheter remains stable while minimizing discomfort for the patient. The fixation system is designed to be easy to use, allowing clinicians to maintain catheter position reliably without complex adjustments.

Placement Techniques

Single pigtail catheters can be placed using either: Single Step (direct access) technique: The catheter is inserted directly into the target site in one step, simplifying the procedure. Seldinger technique: A guidewire-assisted method that allows precise placement, especially in more challenging anatomical locations.

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Design Features

Material: Made from soft, flexible polyurethane, which is biocompatible and enhances patient comfort during extended use. Hydrophilic coating: Reduces friction during insertion, facilitating smoother placement and minimizing tissue trauma. Large oval drainage holes: Improve fluid drainage efficiency, supporting effective management of nephrostomy or abscess contents.

Sterile, single-use: Supplied in peel-open packages for safe, one-time use.

Clinical Benefits

Secure fixation prevents accidental catheter migration. Patient comfort is maintained due to soft material and low-friction design. Versatility allows use in multiple drainage applications and supports different placement techniques.

Enhanced drainage efficiency through optimized pigtail design and large drainage holes. In summary, single pigtail fixation is a critical feature of modern drainage catheters, combining secure anchoring, ease of placement, and patient comfort, making it a reliable choice for nephrostomy, abscess, and other fluid drainage procedures.

Article Content

Mini Locking Pigtail Drainage Catheter

It supports Single Step or Seldinger placement techniques, featuring a reliable safety string lock for secure pigtail fixation and a hydrophilic coating for easy

Peter Pflugbeil GmbH

PerkuStay ® Fix Fixation System PlusSpeed ® N Biopsy Needle with beveled tip PlusSpeed ® N Biopsy Needle with trocar tip PlusSpeed ® S Single-use Biopsy Device with trocar tip PlusSpeed ® S Single

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The M•Drain® Biliary Drainage Catheter is made of soft flexible polyurethane. Catheter placement is performed using Seldinger technique. The easy-to-use,

ReSolve® Locking Drainage Catheters

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Catheter tip positioned within pigtail curve to reduce tissue irritation. Tapered tip and hydrophilic coating facilitate a smooth introduction to reduce patient discomfort. The unique design makes it easy to

All Purpose, Nephrostomy & Mini-Loop Drainage Catheters

SKATER™ Mini-Loop Drainage Catheters are suitable for percutaneous drainage of abscesses or fluid collections in small cavities using the direct stick or Seldinger technique. They can be used safely

Pigtail Type Drainage Catheter Set (BT-PD1-series)

Catheter placement is performed using one step (direct access) technique. The safety string lock system provides strong fixation of the pigtail. Hydrophilic

M•Drain Single Step Drainage Catheter

The M•Drain Single Step Drainage Catheter is made of soft flexible polyurethane. The catheter can be used for nephrostomy, abscess and other multipurpose drainage applications.

Urology Annals

The single-pigtail stent was initially described by Hepperlen and Mardis, whereas the double-J ® (American Cystoscope Makers, Southborough, MA) stent was first described by Finney. [1-3]

Preventing inadvertent drain removal using a novel catheter ...

Internal fixation components are intrinsic to the type of catheter placed, which include an end pigtail—with resistive force provided by the tensile strength of an inner securement string and by ...

Mastering the Percutaneous Pigtail Thoracostomy Catheter

Catheter-based thoracostomy using “pigtail catheters” has become a ubiquitous procedure for the management of pleural effusion or pneumothorax in many patient populations. Despite their

Pigtail Type Drainage Catheter Set (BT-PD1-series)

Pigtail Type Drainage Catheter Set (BT-PD1-series) Used for nephrostomy, abscess, and other multipurpose drainage. Catheter placement is performed using one step (direct access) technique.

Double-Pigtail Drainage Catheter: A New Design for Efficient ...

Background and Objectives: The novel double-pigtail catheter (DPC) has an additional pigtail coiling at the mid-shaft with multiple centripetal side holes. The present study aimed to

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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