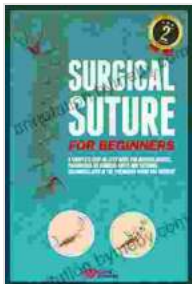


Complete Step-by-Step Guide for Doctors, Nurses, and Paramedics on Surgical Knots

Surgical knots are an essential part of any surgical procedure. They are used to secure tissues, close wounds, and prevent bleeding. Tying a surgical knot correctly is critical for patient safety and outcomes.



Surgical Suture for Beginners: A complete step-by-step guide for doctors, nurses, paramedics on surgical knots and suturing techniques used in the emergency room and surgery by Nurse Academy

★★★★☆ 4.4 out of 5

Language : English
File size : 13733 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 103 pages
Lending : Enabled



This comprehensive guide provides detailed instructions and high-quality images to help healthcare professionals master the art of surgical knot tying. We will cover the most commonly used surgical knots, as well as tips and tricks for tying them quickly and efficiently.

Chapter 1: Basic Knots

In this chapter, we will cover the basic surgical knots that all healthcare professionals should know. These knots include the square knot, the

surgeon's knot, and the granny knot.

Square Knot

The square knot is the most basic and commonly used surgical knot. It is a simple knot to tie, but it is very secure.

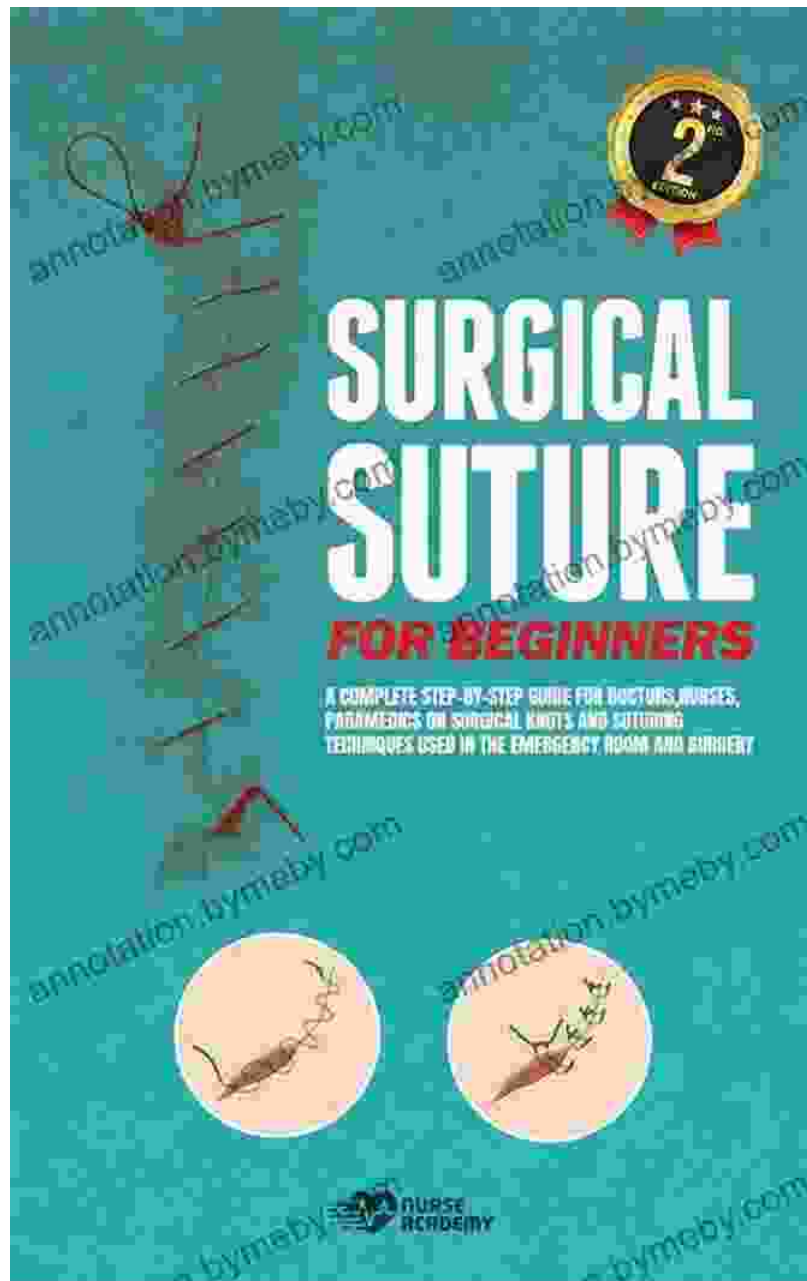
1. Cross the two ends of the suture over each other, forming an "X".
2. Take the right-hand end and pass it under the left-hand end, then bring it up through the loop on the left.
3. Take the left-hand end and pass it under the right-hand end, then bring it up through the loop on the right.
4. Pull on both ends of the suture to tighten the knot.



Surgeon's Knot

The surgeon's knot is a variation of the square knot that is slightly more secure. It is often used for tying sutures in deep wounds.

1. Cross the two ends of the suture over each other, forming an "X".
2. Take the right-hand end and pass it under the left-hand end, then bring it up through the loop on the left.
3. Take the left-hand end and pass it under the right-hand end, then bring it up through the loop on the right.
4. Pull on both ends of the suture to tighten the knot.
5. Pass the right-hand end over the left-hand end and under the knot.
6. Pass the left-hand end over the right-hand end and under the knot.
7. Pull on both ends of the suture to tighten the knot.

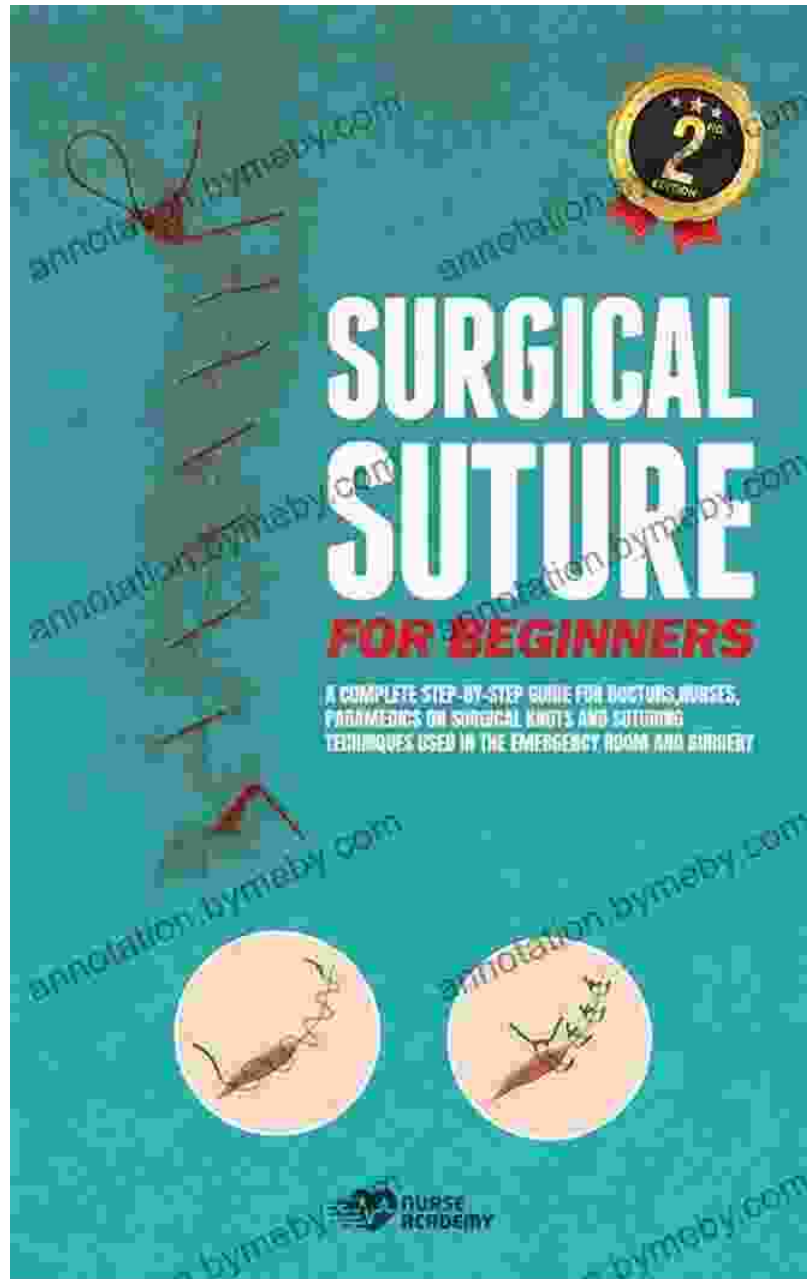


Granny Knot

The granny knot is a simple knot that is often used for tying shoelaces or tying up bags. However, it is not a very secure knot and should not be used for surgical procedures.

1. Cross the two ends of the suture over each other, forming an "X".

2. Take the right-hand end and pass it under the left-hand end, then bring it up through the loop on the left.
3. Take the left-hand end and pass it over the right-hand end, then bring it up through the loop on the right.
4. Pull on both ends of the suture to tighten the knot.



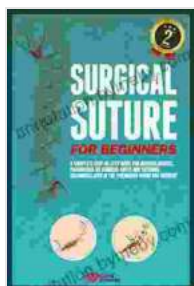
Chapter 2: Intermediate Knots

In this chapter, we will cover some of the more intermediate surgical knots. These knots are more complex than the basic knots, but they are also more secure.

Instrument Tie

The instrument tie is a secure knot that is used for tying instruments to suture.

1. Make a loop with the end of the suture.
2. Pass the instrument through the loop.
3. Pull the suture tight to secure the instrument.

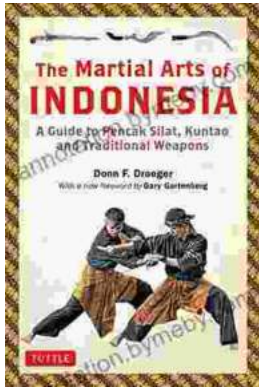


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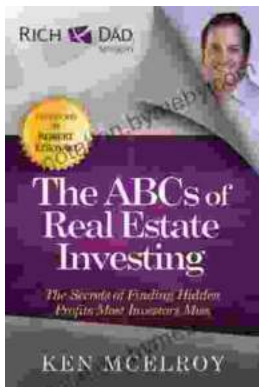
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