

# Limb Lengthening and Reconstruction Surgery: A Complete Guide

## What is Limb Lengthening and Reconstruction Surgery?

Limb lengthening and reconstruction surgery is a type of orthopedic surgery that is used to improve the function and appearance of limbs that have been affected by injury, disease, or birth defects. Limb lengthening surgery can be used to lengthen bones in the arms or legs, while limb reconstruction surgery can be used to correct deformities or replace damaged bones.

## Types of Limb Lengthening and Reconstruction Surgery

There are a number of different types of limb lengthening and reconstruction surgery, including:



### Limb Lengthening and Reconstruction Surgery

by Svetlana Ilizarov

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\* **Epiphysiodesis:** This procedure is used to stop the growth of a bone in Free Download to correct a deformity. \* **Hemiepiphysiodesis:** This procedure is used to slow the growth of one side of a bone in Free Download to correct a deformity. \* **Distraction osteogenesis:** This is the most common type of limb lengthening surgery. It involves cutting the bone and then slowly separating the two ends of the bone over a period of time. This allows new bone to form in the gap, which gradually lengthens the bone. \* **Bone transport:** This procedure is used to replace a damaged bone with a new bone that is grown from the patient's own body. \* **Limb salvage:** This procedure is used to save a limb that has been severely injured or damaged.

## **Risks and Benefits of Limb Lengthening and Reconstruction Surgery**

As with any surgery, there are risks and benefits associated with limb lengthening and reconstruction surgery.

### **Risks:**

\* Infection \* Bleeding \* Nerve damage \* Blood clots \* Compartment syndrome \* Stiffness \* Pain

### **Benefits:**

\* Improved function of the limb \* Improved appearance of the limb \* Increased self-confidence \* Improved quality of life

## **Recovery from Limb Lengthening and Reconstruction Surgery**

The recovery from limb lengthening and reconstruction surgery can be a long and challenging process. However, with proper care and rehabilitation,

most patients are able to make a full recovery.

The recovery process typically involves:

\* Wearing a cast or brace for several weeks \* Physical therapy to regain range of motion and strength \* Occupational therapy to learn how to use the limb again \* Psychological support to help cope with the challenges of recovery

Limb lengthening and reconstruction surgery can be a life-changing procedure for patients who have been affected by limb injuries, diseases, or birth defects. This comprehensive guide provides everything you need to know about limb lengthening and reconstruction surgery, including the different types of procedures, the risks and benefits, and the recovery process. If you are considering limb lengthening and reconstruction surgery, it is important to talk to your doctor to discuss your individual needs and goals.



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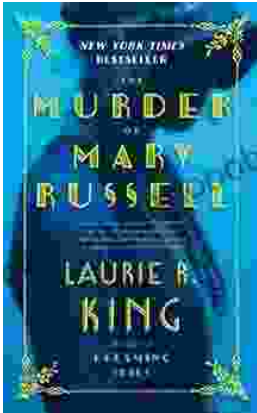
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