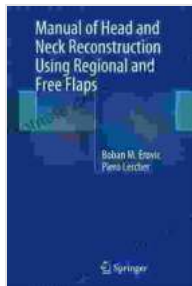


Manual Of Head And Neck Reconstruction Using Regional And Free Flaps



Manual of Head and Neck Reconstruction Using Regional and Free Flaps by Piero Lercher

★★★★★ 5 out of 5

Language : English
File size : 11802 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 276 pages



The head and neck region is a complex and delicate area of the body. It is home to a variety of vital structures, including the brain, spinal cord, eyes, ears, nose, mouth, and throat. When these structures are damaged or lost due to injury or disease, it can have a devastating impact on a person's quality of life.

Head and neck reconstruction is a surgical specialty that focuses on the repair and restoration of these damaged or lost structures. The goal of head and neck reconstruction is to improve a person's function, appearance, and quality of life.

There are a variety of techniques that can be used for head and neck reconstruction. These techniques include:

- Regional flaps: Regional flaps are flaps of tissue that are taken from a nearby area of the body and used to reconstruct the damaged area.
- Free flaps: Free flaps are flaps of tissue that are taken from a distant area of the body and used to reconstruct the damaged area.
- Alloplastic implants: Alloplastic implants are synthetic materials that are used to reconstruct the damaged area.

The choice of which technique to use for head and neck reconstruction depends on a number of factors, including the size and location of the defect, the availability of donor tissue, and the patient's overall health.

Regional Flaps

Regional flaps are flaps of tissue that are taken from a nearby area of the body and used to reconstruct the damaged area. Regional flaps are often used for head and neck reconstruction because they are less likely to cause complications than free flaps.

There are a variety of different regional flaps that can be used for head and neck reconstruction. These flaps include:

- The pectoralis major flap: The pectoralis major flap is a flap of tissue that is taken from the chest and used to reconstruct the head and neck.
- The latissimus dorsi flap: The latissimus dorsi flap is a flap of tissue that is taken from the back and used to reconstruct the head and neck.
- The serratus anterior flap: The serratus anterior flap is a flap of tissue that is taken from the chest and used to reconstruct the head and

neck.

- The temporalis flap: The temporalis flap is a flap of tissue that is taken from the temple and used to reconstruct the head and neck.

Free Flaps

Free flaps are flaps of tissue that are taken from a distant area of the body and used to reconstruct the damaged area. Free flaps are often used for head and neck reconstruction when there is not enough donor tissue available in the nearby area.

There are a variety of different free flaps that can be used for head and neck reconstruction. These flaps include:

- The radial forearm flap: The radial forearm flap is a flap of tissue that is taken from the forearm and used to reconstruct the head and neck.
- The anterolateral thigh flap: The anterolateral thigh flap is a flap of tissue that is taken from the thigh and used to reconstruct the head and neck.
- The fibula flap: The fibula flap is a flap of tissue that is taken from the leg and used to reconstruct the head and neck.

Alloplastic Implants

Alloplastic implants are synthetic materials that are used to reconstruct the damaged area. Alloplastic implants are often used for head and neck reconstruction when there is not enough donor tissue available or when the defect is too large to be reconstructed with flaps.

There are a variety of different alloplastic implants that can be used for head and neck reconstruction. These implants include:

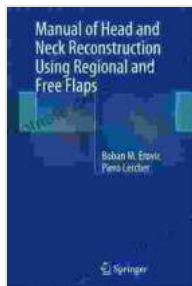
- Silicone implants: Silicone implants are used to reconstruct the face, nose, and ears.
- Hydroxyapatite implants: Hydroxyapatite implants are used to reconstruct the skull and jaw.
- Polyetheretherketone (PEEK) implants: PEEK implants are used to reconstruct the skull and jaw.

Head and neck reconstruction is a complex and challenging field of surgery. However, with the advances in surgical techniques and materials, it is now possible to achieve excellent results in the reconstruction of head and neck defects.

The Manual of Head and Neck Reconstruction Using Regional and Free Flaps is a comprehensive guide to the latest techniques in head and neck reconstruction. This book provides detailed instructions on how to perform a wide range of reconstructive procedures, including:

- The repair of facial lacerations
- The reconstruction of the nose
- The reconstruction of the ear
- The reconstruction of the skull
- The reconstruction of the jaw

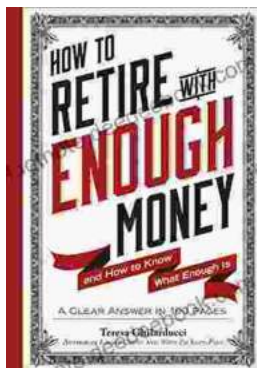
The Manual of Head and Neck Reconstruction Using Regional and Free Flaps is an essential resource for surgeons who perform head and neck reconstruction. This book provides the information and guidance that surgeons need to achieve the best possible results for their patients.



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