

Methods of Wound Closure

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pikemd.com/lacerations



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Sutures, Staples, Dermabond, Oh my!

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Suture Types

Absorbable? Duration?
Does it matter?

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Who hasn't broken a 5-0 when tightening a knot



01

Methods

When can you *not* use Sutures



Sutures

Variety of Options
High Tensile Strength

Slowest



Dermabond Steri-strips

Fast Application
Low Tensile Strength

Fastest



Staples

Less meticulous closure
Requires Removal

Medium Speed



Sutures

Variety of Options
High Tensile Strength

Slowest

Facial
Mucosal
Irregular

High Tension Wounds



Dermabond Steri-strips

Fast Application
Low Tensile Strength

Fastest

Superficial
Linear



Staples

Less meticulous closure
Requires Removal

Medium Speed

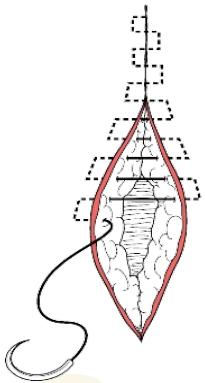
Linear & Non-face
Scalp

02

Suture Types

Absorbable

Subcutaneous



Mucosal



Facial Lacerations (*Only Fast Gut*)

Nailbed Lacerations

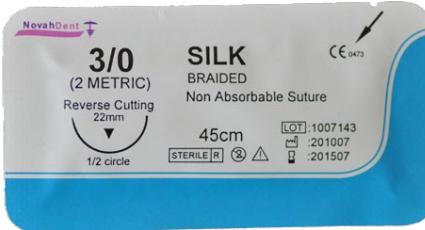
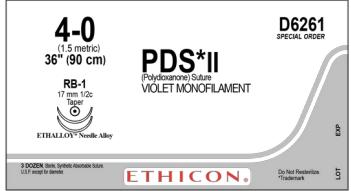
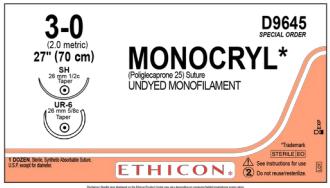
Poor Follow Up
Pediatrics

Non-absorbable (>60 days)

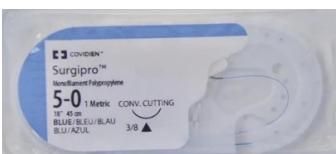
Everything Else

Absorbable

Subcutaneous
Mucosal
Poor Follow Up



(Nylon)



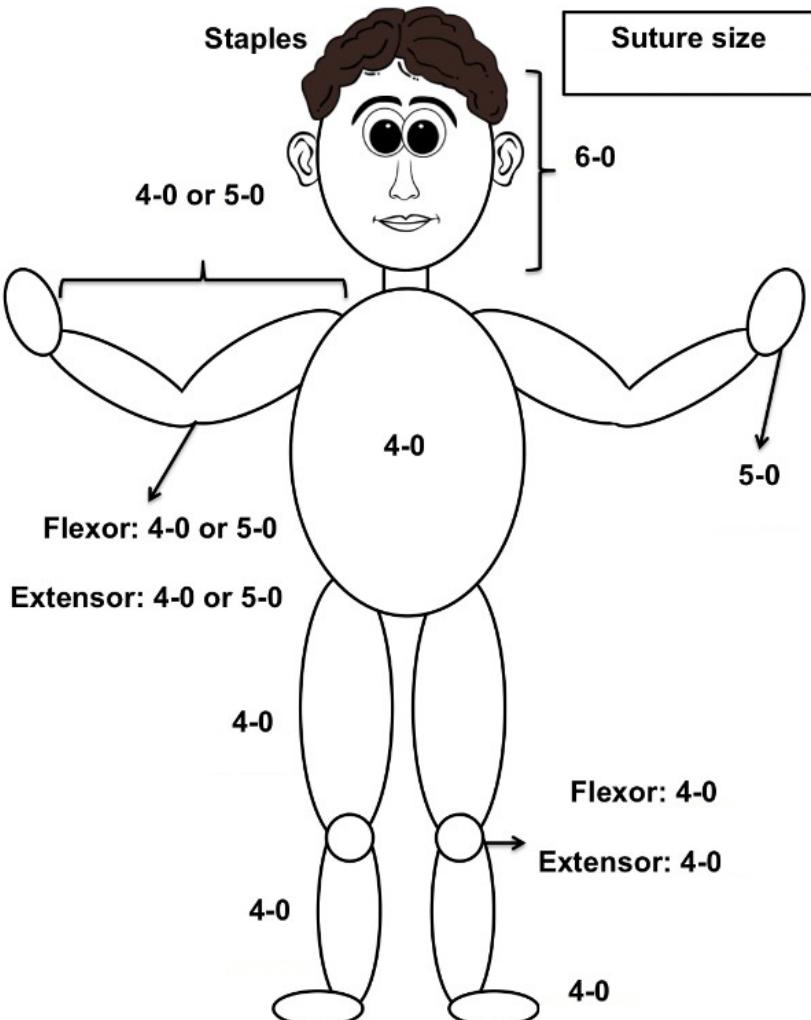
Non-absorbable

Everything Else



03

Suture Sizes



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