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Title

TMR and Osseointegration

Coauthors

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Summary

The biggest Challenge in transhumeral amputees is skeletal attachment und solid Signaltransduction. Through the combination of osseointegration and TMR both of these problems can be overcome.

Introduction/ basics

Transhumeral Amputees are challenging because the glenohumeral joint is mostly still unrestricted, however, mostly restricted with classic prosthetic sockets. With osseointegration the freedom of the shoulder joint is preserved, however, the signal transmission may still be challenging.

Material method; implementation/ process

We report of a cohort of transhumeral amputees and demonstrate the concept with several case presentations.

Results

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Discussion/ conclusion; conclusion for the practice

We conclude that the combination of TMR with osseointegration is especially helpful in transhumeral patients.

References

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