

# Targeted Muscle Reinnervation (TMR)

The summaries are organized in three levels depending on the detail of information. The overview table (Level 1) lists all the relevant publications dealing with a particular product (topic) as well as researched categories (e.g. level walking, safety, activities, etc). Summaries of all the literature dealing with a specific topic can be found in the document(s) above the overview table (Level 2).

For those interested to learn more about individual studies, a summary of the study can be obtained by clicking on the relevant author/reference (Level 3).

The studies presented in the table below are summarized here (Level 2):

[TMR – literature summary](#)

| Reference                    |      | Category       |          |                     |                  |          |                  |          |                   | Prosthesis                                   |
|------------------------------|------|----------------|----------|---------------------|------------------|----------|------------------|----------|-------------------|--|
|                              |      | Body Functions |          | Activity            |                  |          | Participation    | Others   |                   |  |
| Author                       | Year | Mechanics      | Pain     | Grip patterns Force | Manual dexterity | ADL      | Satisfaction QoL | Training | Technical aspects |  |
| <a href="#">Cheesborough</a> | 2015 |                | x        |                     | x                | x        |                  |          |                   | Pattern Recognition control prosthesis       |
| <a href="#">Souza</a>        | 2014 |                | x        |                     |                  | x        |                  |          |                   | Myoelectric prosthesis                       |
| <a href="#">Cheesborough</a> | 2014 |                | x        |                     |                  |          |                  |          |                   | Not fitted                                   |
| <a href="#">Miller</a>       | 2008 |                |          |                     | x                | x        |                  |          |                   | Externally powered vs Myoelectric prosthesis |
| <a href="#">Kuiken</a>       | 2004 |                |          |                     | x                | x        | x                |          |                   | Body-powered vs Myoelectric prosthesis       |
| <b>Total number: 5</b>       |      | <b>0</b>       | <b>3</b> | <b>0</b>            | <b>3</b>         | <b>4</b> | <b>1</b>         | <b>0</b> | <b>0</b>          |  |