

NeuroBOOST is an upper limb therapy program which is being offered at ONE Rehabilitation Service.

NeuroBOOST is designed to be an intensive and engaging way for clients to be able to perform the repetitions required to achieve their upper limb goals. This program can target both fine motor and gross motor upper limb skills.



What is NeuroBOOST?

- A 6-week program involving 3x 2:1 sessions per week with an occupational therapist or physiotherapist.
- Development of an individualised home exercise program for the client to complete at home daily.
- Utilises a range of technology including *Tyromotion Pablo*, *Rehabtronics Rejoyce*, *AbleX*, *Music Glove* as well as conventional evidence-based upper limb therapy tools.
- Provides clients with a summary report at the conclusion of the program including pre and post program outcome measures.

Who is suitable for NeuroBOOST?

The following clients are suitable for NeuroBOOST including:

- Clients with upper limb impairment from stroke, traumatic brain injury or other neurological conditions.
 Clients must have some active movement in their affected upper limb.
- Clients who have recently had Botox and are looking for a burst of therapy.
- Can include sub-acute and chronic clients.
- Modifications can be made for clients depending on their physical ability and cognition.

Eligibility will be screened prior to the commencement of the program.

What does the evidence say?

Evidence shows that technology and therapy programs, such as those provided at ONE Rehabilitation Service, can create a positive learning experience which is fun, engaging and motivating for clients. This positive experience leads to a significant increase in the number of repetitions performed and this higher dosage of repetitions is required for clients to increase their upper limb function and best possible outcomes.

NeuroBOOST will focus on high dose, task-specific practice, which the evidence shows reduces motor impairment and improves activity and participation.



Technology.
Innovation.
Rehabilitation.

