

About SGNP Ltd

SGNP Ltd became incorporated as a private limited company in February 2013. It started out as a private physiotherapy practice of Sandro Gatillo, who is now the company director and rehabilitation director. Sandro has extensive experience in neurological rehabilitation and neurological case management. After qualifying as a physiotherapist in the Philippines in 1996, he became a physiotherapy lecturer and runs a successful private physiotherapy practice specializing in neurological rehabilitation and neurological case management for 9 years before moving to Peterborough in 2005 to work in the NHS. With a total of 17 years experience treating neurological patients, Sandro has honed his skills and mastered the art of hands-on therapy for neurological patients.

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Registered in England & Wales

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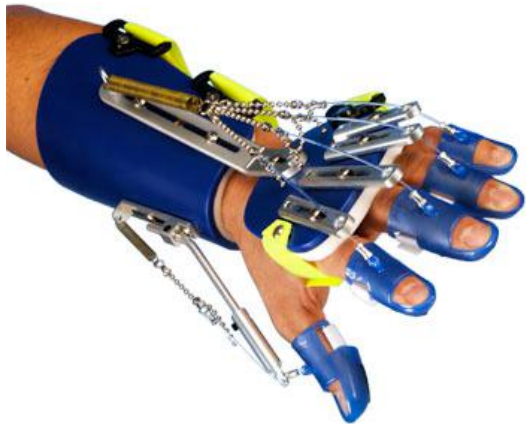
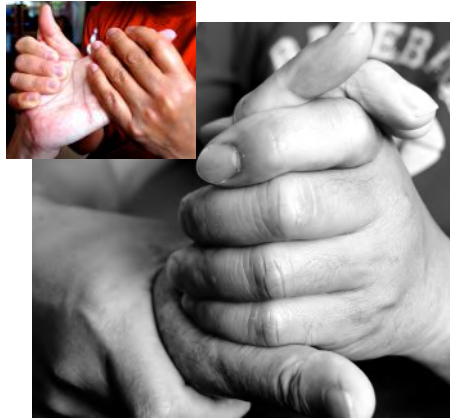
Have you or anybody you know had a **STROKE** with the affected hand/arm lagged behind in recovery?



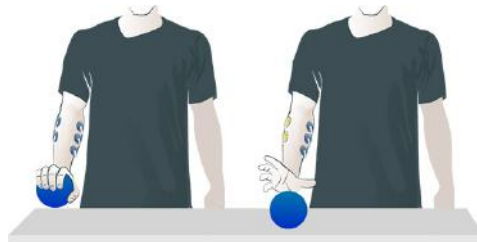
Our specialist Hand/Upper Limb program can help you maximize your functional recovery. And this doesn't matter how long ago was your Stroke or Brain Injury. Avail of our absolutely **FREE Trial Session** now and have a look at your potential to improve.

What is the Program all about?

You will have 100% hands-on therapy by our specialist Physiotherapist or Occupational Therapist where your hand/upper limb movements are facilitated using proven techniques and strategies to cue the brain to regain control.



Then you will undergo a Functional Dynamic Splinting Program to help you open your hand with the help of mechanical springs.



(Grasp Phase)	(Release Phase)
Finger flexors activated	Finger flexors deactivated
EMG signal exceeds prescribed Activation Threshold to enable the unit	EMG signal falls below the prescribed Deactivation Threshold
Stimulation off	Stimulation automatically triggered to the wrist/finger extensors to open the hand

Then you will have Reciprocal Electromyograph Triggered Stimulation program to help your brain understand which muscle groups to use to open your hand.

What is functional dynamic splinting and RETS?

Functional dynamic splinting is the type of splinting advocated by SGNP Ltd. Although the affected hand is on the splint, it is still free to move and allow the patient to perform functional tasks almost impossible without the use of the splint. The idea of this type of splinting program is to retrain the brain to regain control of the affected hand and arm by facilitating switching off of the strong flexor components of most neurological patient suffering from stroke or head injury. When the brain can inhibit the strong spastic flexors components, then the next thing that can happen is restore control of the opposite muscle groups - the finger and wrist extensors allowing the patient to release the grasp and open the hand at will.



Reciprocal Electromyograph Triggered Stimulation (RETS) Program

Stimulation is triggered to the desired muscle group (i.e., finger extensors, elbow extensors etc.) once the patient deactivates or relaxes the opposite hypertonic muscle group (i.e., spastic finger flexors, elbow flexors etc.). Therefore, the emphasis is placed on relaxing the hypertonic muscles in order for stimulation to be triggered to the opposing weakened muscle group.

“Before I underwent the 100% hands-on and Functional Dynamic Splinting program of SGNP Ltd, the only movement I knew with my affected hand is squeezing. Now I can squeeze and I can also let go. Thanks to the brilliance of this new technology in splinting”

- Ian F