

19 April 2023

## **Rehabilitation for Upper Limb Weakness following Neurological Event, e.g. Stroke**

### **Rehab in Community Settings:**

- 1. Do you currently use a device for repetitive task training (RTT) as part of upper limb rehabilitation? If so, please indicate device name and supplier.**

FES / Microstim exercise stimulator device 2v2 supplied by Odstock Medical.

- 2. What is the average length of therapy per patient per session (in minutes)?**

45 minutes

- 3. Do you monitor outcomes: intensity and adherence (%) for this type of therapy?**

Yes - currently using Motor Activity Log, ARM-A as part of an ongoing SQB on intensity of upper limb rehab.

- 4. What are the limitations of current devices?**

Not for use with patients with lower motor neurone damage, e.g. MND.  
Contraindications for contractures, pacemaker users, poorly controlled epilepsy and poor skin condition.

- 5. What are the funding sources (allocated budget? spend limit before panel approval?) and procurement routes (direct purchase, rental, framework, tender...) for this type of rehabilitation devices?**

Allocated budget.

- 6. What are the criteria of selection for this type of devices?**

Patients who have residual function or active movement but lack ROM through spasticity, weakness, soft tissue shortening or joint stiffness; mild to moderate secondary changes, intact cognition and motivation / carer to assist.

### **Rehab at Home:**

- 7. Do you provide devices to patients for remotely monitored RTT at home? If not, please explain why?**

No, we do not have devices that we can monitor remotely.

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- 8. If yes, are these devices portable and would they be suitable for diverse environment (chair, table, wheelchair, or bed)?**

N/A

- 9. Alternatively, do you recommend devices or services to patients, for home RTT therapy? If so, please indicate device name and supplier.**

Not at present but currently exploring Flint Rehab MusicGlove.

- 10. What is the average length of therapy per patient per session (in minutes)?**

45 minutes.

- 11. Do you monitor outcomes: intensity and adherence (%) for this type of home therapy?**

Yes - currently using Motor Activity Log, ARM-A as part of an ongoing SQB on intensity of upper limb rehab.

- 12. What are the limitations with current home devices?**

N/A

- 13. What are the funding sources (Allocated budget? Spend limit before panel approval?) and procurement routes (direct purchase, rental, framework, tender...) for this type of home rehabilitation devices?**

Allocated budget

- 14. What are the criteria of selection for this type of devices?**

Patients who have residual function or active movement but lack ROM.