

Hosp No. :	HKID No.:
Case No. :	
Name :	
DOB :	M / F
Adm Date :	
Contact No. :	

Procedure Information Sheet – Transcranial Magnetic Stimulation (TMS)

1. Introduction

- 1.1. Transcranial Magnetic Stimulation (TMS) is the method of non-invasive brain stimulation. Magnetic field is generated from an electrical coil which is placed over the scalp. The magnetic field travels freely through the scalp and skull which leads to changes in brain activity.
- 1.2. TMS could be used together with conventional neuro-rehabilitation training in order to promote better training result in stroke patients.

2. Procedure

- 2.1. This procedure will be performed in a comfortable sitting position. It involves the use of a magnetic coil placing against your scalp in a specific area. You will be asked to hold your head steady during the procedure to prevent the coil displacement.
- 2.2. TMS will be carried out by the trained medical staffs.

3. Procedural Preparation and contraindications

- 3.1. TMS should not be performed * if patient has any metal implants, cardiac pacemaker or pregnant.
- 3.2. Patient should not drink alcohol or have sleep deprivation beforehand.
- 3.3. Please inform our medical staffs of your drug history and follow our instruction of drug intake accordingly.
- 3.4. Please have hair washing before the day of examination. Do not put on any hair styling gel, hair wax, hair spray etc. on the hair after washing.
- 3.5. Please remove all metallic objects from head and neck area e.g. jewelry, glasses, hairclips, earrings or any head accessories etc.

4. Outcomes

- 4.1. TMS is a generally useful and safe treatment. It is a FDA approved treatment for depression.
- 4.2. There is growing evidence that TMS is an effective treatment in stroke rehabilitation, dysphasia, dysphagia, chronic pain etc.
- 4.3. It could promote stroke rehabilitation in conjunction with medications and physiotherapy. For patient needs stroke rehabilitation and other neurology diseases, physician could tailor-made the treatment plan.

5. Side effects and possible complications

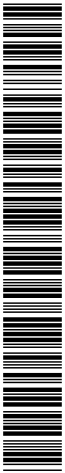
- 6.1. Some patients may experience mild transient pain or headache.
- 6.2. Only 1/10000 (0.1%) patients developed TMS induced tinnitus or seizures.

6. Remarks

- 6.1. The above mentioned procedural information is by no means exhaustive, other unforeseen complications may occur in special patient groups or different individual. Please contact your physician for further enquiry.

7. References

- 7.1. Central Committee (Rehabilitation Services): Repetitive Transcranial Magnetic Stimulation (rTMS), Hospital Authority, Hong Kong.



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I acknowledged the above information concerning the operation or procedure. I have also been given the opportunity to ask questions and received adequate explanations concerning the condition and treatment plan.

Patient/ Relative Signature: _____

Patient/ Relative Name: _____

Date: _____

