**PREP2 Basic – Supervisor Key Competencies**

This document is designed for clinicians who will be training others (acting as the “Trainer” or “Supervisor”) in the practical and clinical skills required to achieve ‘PREP2 Basic’ Competency. For the purposes of this document they will be referred to as the “training supervisor”. The “trainees” will be physiotherapists and occupational therapists who prescribe and deliver upper limb rehabilitation after stroke. The training includes skills such as obtaining SAFE scores and delivering predictions for patients in the Excellent and Good PREP2 categories with a SAFE score of 5 or more, as well as skills in using and supporting all four PREP2 predictions.

Training Supervisor Competency Process: Agreed competencies are to be signed off by your “allocated assessor”. Bring your competency document to any training sessions. Following this, you will need to complete the log of supervised training sessions with trainees.

**On completion of competencies:**

Copy to be retained by employee and healthcare organisation.

Once signed off, it is the responsibility of the training supervisor to ensure that skills are kept up to date, and opportunities to refresh skills and knowledge are sought on a regular basis

**PREP2 Basic completed (prerequisite)**

*Training supervisor*: “I acknowledge that I have successfully completed the PREP2 Basic training module”

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

Date of competency sign off: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PREP2 Basic Supervisor Key Competencies:**

*Organisation representative/ allocated assessor: “*I acknowledge that the training supervisor has demonstrated required skills and knowledge for becoming a PREP2 Basic supervisor”

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

*Training supervisor*: “I acknowledge that I have completed and understood all required training for becoming a PREP2 Basic supervisor.”

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

**Readings & Resources**

In addition to the listed readings and resources you are expected to look for some up to date literature and record this as you go.

Stinear C. (2010) Prediction of motor recovery after stroke *Lancet Neurology* 9(12): 1228-32.

Stinear C, et al. (2017) PREP2: A biomarker-based algorithm for predicting upper limb function after stroke. *Annals of Clinical and translational Neurology. 4(11): 811-820.*

Stinear C. (2017) [Prediction of motor recovery after stroke: advances in biomarkers](https://www.sciencedirect.com/science/article/pii/S1474442217302831). *Lancet Neurology* 16(10): 826-36.

Smith, M. C., Ackerley, S. J., Barber, P. A., Byblow, W. D., & Stinear, C. M. (2019). PREP2 Algorithm Predictions Are Correct at 2 Years Poststroke for Most Patients. *Neurorehabilitation and neural repair*, *33*(8), 635-642.

[www.presto.auckland.ac.nz](http://www.presto.auckland.ac.nz)

https://preptraining.auckland.ac.nz/

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| **Article Reference:** | **Key points:** |
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| **Required?**  **Y or N/A** | **Competency** | **Measurement** | **Self-sign off & date** | **Assessor**  **sign off & date** |
| --- | --- | --- | --- | --- |
|  | Demonstrates an understanding of PREP2 development and validation | * Discuss the development of PREP2, from biomarkers identified in chronic stroke patients, to the development and validation of PREP2 with sub-acute stroke patients. * Demonstrate a clear understanding of the evidence for PREP2, being able to identify the strengths and limitations of previous work. |  |  |
|  | Demonstrate effective and accurate presentation skills | * Demonstrate the ability to deliver clear and accurate presentations to trainees, outlining the use of PREP2. |  |  |
|  | Demonstrate understanding of learner needs | * Describe an approach to training that considers the current knowledge and experience of the trainees and effective means of communication * Demonstrate an understanding of critical knowledge and skills to be acquired by trainees and the ability to discern whether these have been successfully acquired. |  |  |
|  | Demonstrate approach to meeting learner needs | * Describe and demonstrate an approach to training and coaching individual trainees that considers supported self-directed learning and problem solving, appropriate and timely feedback, and facilitates high levels of engagement by trainees. |  |  |
|  | Demonstrates awareness of likely concerns and queries related to PREP2 | * Describe concerns and queries that trainees are likely to raise during their training, and appropriate responses to these |  |  |
|  | Appropriately assesses trainee’s knowledge of the PREP2 algorithm, including indications for use and exclusion criteria | * Demonstrate the ability to accurately assess trainees’ knowledge as outlined in PREP2 Basic Competency document, and provide appropriate feedback and coaching as needed. |  |  |
|  | Appropriately assesses trainee’s knowledge of PREP2 prediction categories & their use | * Demonstrate the ability to accurately assess trainees’ knowledge as outlined in PREP2 Basic Competency document, and provide appropriate feedback and coaching as needed. |  |  |
|  | Appropriately assesses trainee’s knowledge of accurate completion of day 3 SAFE score | * Demonstrate the ability to accurately assess trainees’ knowledge as outlined in PREP2 Basic Competency document, and provide appropriate feedback and coaching as needed. |  |  |
|  | Appropriately assesses trainee’s SAFE score competency | * Demonstrate the ability to accurately assess trainees’ skill as outlined in PREP2 Basic Competency document, and provide appropriate feedback and coaching as needed. |  |  |
|  | Appropriately assesses trainee’s knowledge of Excellent and Good PREP2 prediction categories and skills in communication of this to key stakeholders | * Demonstrate the ability to accurately assess trainees’ knowledge and skill as outlined in PREP2 Basic Competency document, and provide appropriate feedback and coaching as needed. |  |  |
|  | Appropriately assesses trainee’s knowledge of using and supporting all PREP2 predictions | * Demonstrate the ability to accurately assess trainees’ knowledge as outlined in PREP2 Basic Competency document, and provide appropriate feedback and coaching as needed |  |  |

**Patient Log:**

Clinical observation sessions with trainee (observed by allocated assessor)

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| **Number** | **Date** | **Trainee** | **Assessor** | **Comments** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

Training Supervisor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

Assessor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_