SENSe: Study of the Effectiveness of Neurorehabilitation on Sensation

New tools for a new era in sensory training

One in two stroke survivors lose the sense of touch and other body sensations after a stroke. They might lose the ability to feel where their limbs are in space or to recognise everyday objects through touch. This problem has an ongoing impact on a person’s ability to live normally. It’s not until a person loses the ability to hold and use everyday objects that they realise how important a sense of touch can be.

But there’s good news for those who have lost sensation. Health professionals can ‘train the brain to regain’ a sense of touch. This is an exciting area of rehabilitation medicine, with very promising results coming from researchers at the Florey Institute of Neuroscience and Mental Health and collaborators.

A highly-effective skill-based learning package now offers the chance for health professionals to teach their clients to rediscover a sense of touch.

- This brochure explains a new type of therapy called SENSe.
- Order the manual and DVD.

The study is described in the following paper:

**SENSe: Study of the Effectiveness of Neurorehabilitation on Sensation: A Randomized Controlled Trial. Neurorehabil Neural Repair May 2011 vol. 25 no. 4 304-313**

**Stroke Rehabilitation: Insights from Neuroscience and Imaging**

Professor Carey's new book challenges clinicians to adopt more restorative and scientific approaches to stroke rehabilitation. Stroke Rehabilitation guides clinicians to maximize and shape neural plastic changes in the brain after stroke. Active skill-based learning is identified as a central element for restorative rehabilitation. Learning strategies are interrogated for their application to training lost functions of movement, sensation, cognition, and language. Clinical interventions are evaluated and successful applications highlighted. Stroke Rehabilitation is essential reading for stroke clinicians, rehabilitation specialists, neurologists, neuroscientists, and researchers interested in forging new discoveries and applying these to stroke rehabilitation.

- Watch the YouTube video explaining more about SENSe
- Order the book

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