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Authors: Lindsey Marwood, Toby Wise, Adam M. Perkins, Anthony J. Cleare



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Neural correlates of psychological therapy

Meta-analyses of the neural mechanisms and predictors of response to psychotherapy in depression and anxiety

Authors:

Lindsey Marwood^{1,2}, Toby Wise^{1,3,4}, Adam M. Perkins¹, Anthony J. Cleare^{1,2}

Affiliations:

¹Centre for Affective Disorders, Department of Psychological Medicine, Institute of Psychiatry, Psychology and Neuroscience, King's College London, London, United Kingdom.

²South London and Maudsley NHS Foundation Trust, London, UK

³Max Planck UCL Centre for Computational Psychiatry and Ageing Research, London, UK

⁴Wellcome Trust Centre for Neuroimaging, University College London, London, UK

Correspondence: Lindsey Marwood, MSc: Institute of Psychiatry, Psychology and Neuroscience, King's College London, Centre for Affective Disorders, Department of Psychological Medicine, 103 Denmark Hill, PO74, London, SE58AF. Email: lindsey.marwood@kcl.ac.uk.

Highlights

- Psychological therapies resulted in decreased activation in limbic regions: insula and ACC
- Decreased prefrontal activation was also found pre-to-post psychological therapy
- Results offer partial support for the dual-process model of psychotherapy

ABSTRACT (183 words)

Understanding the neural mechanisms underlying psychological therapy could aid understanding of recovery processes and help target treatments. The dual-process model hypothesises that psychological therapy is associated with increased emotional-regulation in prefrontal brain regions and decreased implicit emotional-reactivity in limbic regions; however, research has yielded inconsistent findings. Meta-analyses of brain activity changes accompanying psychological therapy

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