

# Occupational Therapy, Cognitive Remediation Therapy & Coaching to Address Executive Functioning



## In Neuro-Developmental Differences & Psychiatric Disorders

# Occupational Therapy

## Recommendations for occupational therapy interventions for adults with ADHD: a consensus statement from the UK adult ADHD network.

Adamou M, Asherson P, Arif M, Buckenham L, Cubbin S, Dancza K, Gorman K, Gudjonsson G, Gutman S, Kustow J, Mabbott K, May-Benson T, Muller-Sedgwick U, Pell E, Pitts M, Rastrick S, Sedgwick J, Smith K, Taylor C, Thompson L, van Rensburg K, Young S. BMC Psychiatry. 2021 Feb 4;21(1):72. doi: 10.1186/s12888-021-03070-z. PMID: 33541313 Free PMC article. Review.

BACKGROUND: ADHD is neurodevelopmental disorder which persists into adulthood. ...A unified and flexible approach when working with adults with ADHD is most appropriate and further research on occupational therapy interventions is needed....

## Special Issue on Occupational Therapy With Neurodivergent People.

Kornblau BL, Robertson SM. Am J Occup Ther. 2021 May 1;75(3):7503170010. doi: 10.5014/ajot.2021.753001. PMID: 34781353

The neurodiversity movement presents a significant opportunity for occupational therapy practitioners to meet the needs of neurodivergent people across the life course The term neurodiverse includes autistic people and people with intellectual disabilities, atten ...

**Self-Management Intervention for Attention and Executive Functions Using Equine-Assisted Occupational Therapy Among Children Aged 6-14 Diagnosed with Attention Deficit/Hyperactivity Disorder.**

Gilboa Y, Helmer A. J Altern Complement Med. 2020 Mar;26(3):239-246. doi: 10.1089/acm.2019.0374. Epub 2020 Jan 14. PMID: 31934771

**Objectives:** The purpose of this study was to examine the effectiveness of self-management intervention for attention and executive functions using equine-assisted occupational therapy (STABLE-OT) for school-aged children with ADHD. ...**Intervention:** The interv ...

**The perceptions of adult psychiatric inpatients with major depressive disorder towards occupational therapy activity-based groups.**

Ramano EM, et al. S Afr J Psychiatr. 2021. PMID: 33824758

**Cognitive Remediation Therapy**

## **Neural changes following cognitive remediation therapy for schizophrenia.**

Matsuda Y, Makinodan M, Morimoto T, Kishimoto T. Psychiatry Clin Neurosci. 2019 Nov;73(11):676-684. doi: 10.1111/pcn.12912. Epub 2019 Aug 4. PMID: 31278805 Free article. Review.

Pharmacological treatment and cognitive remediation are the two important therapeutic approaches for cognitive impairment in schizophrenia. Cognitive remediation therapy (CRT) for schizophrenia improves cognitive functioning and in ...

## **Cognitive remediation therapy in anorexia nervosa-A randomized clinical trial.**

Brockmeyer T, Schmidt H, Leiteritz-Rausch A, Zimmermann J, Wunsch-Leiteritz W, Leiteritz A, Friederich HC. J Consult Clin Psychol. 2021 Oct;89(10):805-815. doi: 10.1037/ccp0000675. PMID: 34807656 Clinical Trial.

Objective: Especially for adult patients with anorexia nervosa (AN), treatment response is generally low to moderate. The present study aimed to evaluate the efficacy of cognitive remediation therapy (CRT) as adjunctive treatment for AN regarding clinical and ...

## **Cognitive remediation therapy in autism spectrum disorder: Tunisian experience.**

Hajri M, Abbes Z, Ben Yahia H, Boudali M, Bouden A, Mrabet A, Amado I. Tunis Med. 2019 Jun;97(6):795-801. PMID: 31872411 Free article.

Cognitive remediation therapy (CRT) is a new promising program aiming to remediate cognitive impairments by targeting executive functions. It attempts to teach information processing strategies through guided mental exercises. AIM: To assess the effect ...

## **Cognitive remediation therapy for patients with bipolar disorder: A randomised proof-of-concept trial.**

Strawbridge R, Tsapekos D, Hodsoll J, Mantingh T, Yalin N, McCrone P, Boadu J, Macritchie K, Cella M, Reeder C, Fish J, Wykes T, Young AH. Bipolar Disord. 2021 Mar;23(2):196-208. doi: 10.1111/bdi.12968. Epub 2020 Jul 17. PMID: 32583630 Clinical Trial.

**OBJECTIVES:** Cognitive remediation therapy (CRT) may benefit people with bipolar disorder type I and II for whom cognitive impairment is a major contributor to disability. Extensive research has demonstrated CRT to improve cognition and psychosocial fun ...

## **Cognitive remediation therapy modulates intrinsic neural activity in patients with major depression.**

Schneider I, Schmitgen MM, Bach C, Listunova L, Kienzle J, Sambataro F, Depping MS, Kubera KM, Roesch-Ely D, Wolf RC. Psychol Med. 2020 Oct;50(14):2335-2345. doi: 10.1017/S003329171900240X. Epub 2019 Sep 16. PMID: 31524112

Cognitive remediation may improve cognition in MDD, yet so far, the underlying neural mechanisms are unclear. ...MDD patients received structured cognitive remediation therapy (CRT) over 5 weeks. The whole-brain fractional amplitude of low-frequ ...

## **Individual cognitive remediation therapy benefits for patients with anorexia nervosa and high autistic features.**

Dandil Y, Smith K, Adamson J, Tchanturia K. Eur Eat Disord Rev. 2020 Jan;28(1):87-91. doi: 10.1002/erv.2707. Epub 2019 Nov 11. PMID: 31713309 Free PMC article.

Cognitive remediation therapy (CRT) is an increasingly implemented intervention in psychiatric conditions. The majority of randomized treatment trials in psychiatry reports cognitive improvements resulting in better functional outcomes in CRT groups. . ...

## **Coaching**