

**Table 3.** Prevention incidence of depressive disorders

AUTOR, YEAR	POPULATION (number and setting)	ASSESSMENT	TYPE OF STUDY	COMPARATOR	OUTCOME	SECOND OUTCOME	MAIN FINDINGS
Allida et. al., 2020	19 RCT (n=1771) post-stroke patients without diagnosis of depressive disorder	<p>1. Pharmacological interventions (antidepressants)</p> <p>2. Psychological interventions: Problem solving therapy (2); CBT (1); solution-focused therapy(1); home therapy (1); motivational interview(2)</p> <p>3. Non-invasive brain stimulation</p>	Systematic review with meta-analysis	<p>1. placebo</p> <p>2. usual care</p> <p>3. simulated stimulation or usual care</p>	Prevention of depression in post-stroke patients DSM IIIR/ DSM IV/ DSM 5	Improvement of depressive symptoms (Hamilton, MADRS, GDS)	<p>There is very low quality evidence from eight trials (9 interventions) that pharmacologic interventions decrease the number of people who meet study criteria for depression (RR=0.50, 95% CI 0.37 to 0.68; 734 participants) compared to placebo). There is very low-quality evidence from two studies that psychological interventions reduce the proportion of people meeting study criteria for depression (RR=0.68, 95% CI 0.49 to 0.94, 607 participants) compared with usual care and/or attention control.</p> <p>Non-invasive brain stimulation studies not found.</p>
Cuijpers et. al., 2021	50 RCTs (4665 Participants) in risk groups without a diagnosis of depression	Psychological interventions (CBT, IPT, escalated care, problem-solving therapy, and others)	Systematic review with meta-analysis	Usual care	Prevention of depression (diagnostic interview)	N/A	One year after the preventive interventions, the relative risk of developing a depressive disorder was RR = 0.81

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							(95% CI: 0.72–0.91), indicating that those who received the intervention were 19% less likely to develop a depressive disorder.  - does not specify which diagnostic criteria are indicated in the interview
Dennis et. al. 2013	28 RCT, (n=14727) Pregnant or postpartum women (less than 6 months postpartum) with or without risk of developing postpartum depression	Psychosocial and psychological interventions	Systematic review with meta-analysis	Usual postpartum	Prevention of postpartum depression (Edinburgh Postnatal Depression Scale (EPDS))	- morbidity maternal mortality. -maternal-intantil attachment -Anxiety -maternal stress	Women who received a psychosocial or psychological intervention were significantly less likely to develop postpartum depression compared to those who received standard care (mean RR 0.78, 95% confidence interval (CI) 0.66 to 0.93 ;  The combined results showed that the differences between the groups were not statistically significant.  Interventions: (1) the provision of intensive, individualized postpartum home visits provided by public health nurses or midwives (RR=0.56, 95% CI 0.43 to 0.73; two trials, 1262 women);

							<p>(2) lay-based (pair) telephone support (RR 0.54, 95% CI 0.38 to 0.77; one study, 612 women); It is</p> <p>(3) Interpersonal psychotherapy (standardized mean difference -0.27, 95% CI -0.52 to -0.01; five trials, 366 women).</p> <p>Professional and lay interventions were both effective in reducing the risk of developing depressive symptoms.</p> <p>Interventions initiated in the postpartum period also significantly reduced the risk of developing depressive symptoms (RR=0.73, 95% CI 0.59 to 0.90; 12 trials, 12,786 women).</p> <p>Identifying 'at-risk' mothers helped prevent postpartum depression (RR= 0.66, 95% CI 0.50 to 0.88; eight trials, 1853 women).</p>
Havinga et. al. 2021	22 RCTs (n=1258 children and youth) (6 to 25 years old)	Prevention programs (psychoeducation, cognitive-behavioral)	Systematic review with	Usual treatment	Prevention of depressive	Improvement of depressive	A significant risk difference was found in favor of prevention

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	with parents with mood or anxiety disorders	therapy and family processes. of depressive and anxiety disorders in children of parents with these disorders)	meta-analysis		and anxiety disorders (criteria of DSM IV)	or anxious symptoms	programs on the risk of developing a depressive/anxiety disorder in offspring in: a) short term (9-18 months of; RR = 0.37, 95% CI [0.21; 0.66]) b) Long-term (24 months or more of follow-up; RR = 0.71, 95% CI [0.57; 0.87]
Hetrick et. al., 2016.	83 RCT (n=11913) Children and adolescents (5 to 19 years old), with no previous diagnosis of depression	Psychological interventions (CBT, IPT, third wave CBT)	Systematic review with meta-analysis	Multiple	Prevention of depression (DSM IV, DSM IV-TR; ICD 10)	Reduction of post-intervention depressive symptoms (1.CDRS 2. (HAM-D 3.MADRS 4. K-SADS 5. BID	The risk of having a diagnosis of depression at 12 months (32 trials, n=5965) was reduced for participants who received an intervention compared to those who received no intervention (risk difference – RD=-0.03, 95% CI= -0.05 to -0.01; P value = 0.01). Moderate evidence (GRADE).  For tests implemented in cognitive, there was no effect for diagnosing depression (RD=-0.01, 95% CI -0.03 to 0.01). For assays implemented in potentially targeted, there was a statistically beneficial effect significance of the intervention (diagnosis of

							depression RD=-0.04, 95% CI -0.07 to -0.01.
Salter et. al. 2013	8 RCT (n 776) Adults after stroke	prophylactic pharmacotherapy	Systematic review with meta-analysis	Placebo	Prevention of depression after stroke HRSD;; DSM-IV; MADRS	N/A	Pooled analyzes demonstrated reduced odds for the development of post-stroke depression associated with pharmacological treatment (OR: 0.34; 95% CI: 0.22-0.53; P , 0.001), a treatment duration of 1 year ( OR 0.31; 95%CI 0.18-0.56; P .001), selective serotonin reuptake inhibitor (OR 0.37; 95% CI 0.22-0.61; P .001).

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<p>Van zoonen et. al,et. al., 2014</p>	<p>32 RCTs (n= 6214) Adults without diagnosed depression</p>	<p>psychological interventions</p>	<p>Systematic review with meta-analysis</p>	<p>Multiple</p>	<p>Prevention of depression (criteria of DSM III-R; -IV</p>	<p>-</p> <p>RR of developing a depressive disorder = 0.79 95% CI: 0.69–0.91), indicating a 21% decrease in incidence in prevention groups compared to control groups. Heterogeneity was low (I<sup>2</sup>=24%). NNT = 20.</p> <p>Sensitivity analyzes show that there are no differences between the type of prevention (selective, indicated or universal) or between the type of psychotherapy (CBT, IPT, other) by NNT, TIP(NNT=7) is more effective than TCC (NNT=71)</p> <p>Several studies with different populations and different interventions and different times limit the results</p>
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<p>Yasuma et al., 2020</p>	<p>18 ECR (n=7.416) Pregnant women &gt; 18 years of age</p>	<p>Prenatal psychological interventions (CBT, IPT, mindfulness)</p>	<p>Systematic review with meta-analysis</p>	<p>Usual prenatal care (CBT, TIP, mindfulness)</p>	<p>Prevention of prenatal and perinatal depression</p>	<p>The effect size of prenatal psychological intervention on universal prevention of prenatal depression (SMD= 0.28, 95% CI 0.11, 0.44) and postnatal depression (SMD= 0.37, 95% CI 0.08, 0.66). The cognitive-behavioral approach had a significant effect on the prevention of prenatal depression SMD= 0.53 95% CI 0.13, 0.94.  Postpartum results were not significant SMD=0.45 95% CI 0.03, 0.92.  Language bias (English only), included low-quality studies</p>
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**Source:** The authors.

**RCT:** Randomized controlled trial; **CBT:** Cognitive Behavioral Therapy; **DSM:** Diagnostic and Statistical Manual of Mental Disorders; **IPT:** interpersonal therapy; **MADRS:** Montgomery-Asberg Depression Rating Scale; **K-SADS** Schedule for Affective Disorders and Schizophrenia for School; **BID** Bellevue Index of Depression.