

THERAPEUTIC JOURNALING

WHAT IS THERAPEUTIC JOURNALING?

Therapeutic journaling is the process of writing down our thoughts and feelings about our personal experiences. This kind of private reflection allows us to sort through events that have occurred and problems that we may be struggling with. It allows us to come to a deeper understanding about ourselves, with a different perspective on these difficulties. Therapeutic journaling differs from more traditional diary writing, which involves recording the details of daily events. In contrast, therapeutic journaling is an internal process of using the written word to express the full range of emotions, reactions and perceptions we have related to difficult, upsetting, or traumatic life events. Along the way, this process can mean writing ourselves to better emotional and physical health and a greater sense of well-being.

THERAPEUTIC WRITING PROTOCOLS

Therapeutic journaling can be done by keeping a regular journal to write about events that bring up anger, grief, anxiety, or joy that occur in daily life. It can also be used more therapeutically to deal with specific upsetting, stressful, or traumatic life events. An expressive writing protocol developed by Dr. James Pennebaker is the most widely used and researched method utilized in clinical practice. This writing protocol has been linked to improvements in both physical and psychological health. It has been used in non-clinical and clinical populations. The expressive writing protocol consists of asking someone to write about a stressful, traumatic or emotional experience for three to five sessions, over four consecutive days, for 15-20 minutes per session. Research has found it to be useful as a stand-alone tool or as an adjunct to traditional psychotherapies.

Other forms of expressive writing include autobiographical writing where a person reflects on important life events to give meaning to them and build a sense of personal identity.[1] This type of writing assists a person in recognizing themselves as the authors of their experiences with a feeling of personal agency and allows reflection on their life path to better understand the present situation.[2] McAdams developed a therapeutic writing technique, the “Guided Autobiography,” aimed at exploring, in the span of ten weekly two-hour sessions, the most important events of a person’s life around a specific life theme (i.e. family, money, work, health, spirituality, death, aspirations)[3]. This Guided Autobiography exercise has been found to be an effective method to enable participants to understand and appreciate their life stories to increase optimism and self-esteem.[4]

One additional form of therapeutic writing is gratitude expression exercises, including a Gratitude Letter where a person writes a letter to a person they have never sincerely thanked and Gratitude Journaling, where a person identifies at least three good things that happened that day and reflects on their causes and impact. (Refer to the “[Creating a Gratitude Practice](#)” tool.)

Gratitude journal interventions have been proven to increase well-being, positive affect, social relationships, optimism, life satisfaction, and to lower negative affect and depressive symptoms.[5] A gratitude journal intervention was also found to improve veterans' gratitude over time, and to have positive effects on their psychological well-being.[6]

HOW IT WORKS

Emotional expression has been found to be good for our health. It enhances our immune system functioning. When upsetting or traumatic events occur, we often are not able to fully process what happened, and the event and the emotions around what occurred become stuck in our memory. The simple act of expressing thoughts and feelings on paper about challenging and upsetting events can allow us to move forward by openly acknowledging, accepting, expressing and letting go of the feelings involved. Expressive writing also provides an opportunity to construct a meaningful personal narrative about what happened. It brings clarity and enables us to place our experience into the context of our larger place in the world. Expressive writing helps to make cause and effect links between life events and increases our capacity for self-reflection, awareness and resilience.

The benefits of writing also include self-regulation, clarifying life goals, gaining insight, finding meaning and exploring different points of view.[7] Writing can foster positive emotions as putting feelings and thoughts into words widens our scope of attention, sparks the search for solutions and allows the mind to be more flexible.[8]

Writing about traumatic or particularly painful situations, may also generate forgiveness in interpersonal conflict and can promote feelings of wisdom and hope in difficult situations as it assists us in going beyond our suffering to reaching more positive perspectives.[9,10] (Refer to the "[Forgiveness](#)" tool.)

In expressive writing, an important element consists of feeling completely honest and free to write anything, in a safe and private context without necessarily sharing the content with another person. Conversely, the outcome of talking about difficult or traumatic life experiences depends on the listener's capability to comprehend and accept the patient's narrative.[11] As a result, the interactions with a therapist could be particularly stressful for individuals discussing particularly painful topics or sensitive experiences or for those who have social anxiety and feel anxious sharing vulnerable things with another person.[12]

According to Pennebaker, who first investigated therapeutic journaling for traumatic events, but later expanded the focus to general emotional events or specific experiences, what makes writing therapeutic is that the writer openly acknowledges and accepts their emotions and becomes able to give voice to his/her blocked feelings and to construct a meaningful story in a safe environment.[11]

RESEARCH

Over the past 35 years, a growing body of research has demonstrated the beneficial effects that writing about traumatic or stressful events has on physical and emotional health. Dr. Pennebaker, one of the first researchers in this area, found that writing about emotionally difficult events or feelings for just 20 minutes at a time over four consecutive days was associated with both short-term increases in physiological arousal, higher blood pressure and negative moods following the writing but long-term decreases in health problems, such as immune system functioning and fewer visits to a health center in the six months following the study.[13,14] Smyth conducted a meta-analysis of 13 studies of written emotional expression with healthy participants and found specific benefits in objective or self-reported physical health, psychological well-being, physiological functioning, and general functioning outcomes.[15] This finding suggests that the effects of written emotional expression are substantial and similar in magnitude to the effects of other psychological interventions, many of which can be time-consuming and expensive.[15]

Frisina et al. conducted a meta-analysis of nine studies on written emotional disclosure on clinical populations and found significant benefit for health outcomes in medically ill populations but did not find any psychological health outcomes in psychiatric populations.[16]

More recently, Sohan et al. conducted a meta-analysis of 20 journaling intervention studies and their findings support the wide use of journaling in many forms of psychotherapy for a broad range of mental illnesses. They found an average statistically significant 5% reduction in patient scores on mental health measures compared with control groups, with a greater benefit in anxiety and PTSD symptoms, and a lesser benefit in depression.[17]

Several meta-analyses have been conducted over the last 30 years on the Pennebaker expressive writing protocol that showed small to moderately sized beneficial effects in improving PTSD symptoms.[16,18-20] For example, in 2012 Emmerik, Reijntjes and Kamphuis conducted a meta-analysis investigating the efficacy of expressive writing for treatment of posttraumatic stress conditions (e.g., acute stress disorder and PTSD) and comorbid depressive symptoms. It resulted in significant and substantial short-term reductions in posttraumatic stress and depressive symptoms. There was no difference in efficacy between writing therapy and trauma-focused cognitive behavioral therapy. Another meta-analysis by Pavlacic et al., provided additional insight that expressive writing produced a small overall effect size for posttraumatic stress but negligible to small effect sizes for posttraumatic growth and quality of life.[21]

In another study, enhanced expressive writing (i.e., writing with scheduled contacts with a therapist) was found to be as effective as traditional psychotherapy for the treatment of trauma in patients. Expressive writing without additional talking with a therapist was found to be only slightly inferior. The researchers concluded that expressive writing could provide a useful tool to promote mental health with only minimal contact with a therapist.[22]

Another meta-analysis explored 39 randomized controlled trials of expressive writing with 64 intervention-control group comparisons in a physically healthy adult population with varying degrees of stress but without PTSD. Expressive writing did not yield significant long-term effects on depressive symptoms. However, effects were larger when the number of sessions was higher and when the writing topic was more specific. The results of this meta-analysis did not support the effectiveness of brief, self-directed expressive writing as an intervention that decreases depressive symptoms in physically healthy adults with varying degrees of psychological stress.[23]

Expressive writing may also hold promise as a nonstigmatizing, accessible, resource-efficient intervention for some veterans. One study found that the Veterans experiencing reintegration difficulties most likely to benefit from expressive writing and experiencing a significant reduction in distress were those without probable PTSD, with higher social support, and with less combat exposure.[24] In this study, most veterans reported moderate reductions in distress while a very small percentage reported very large decreases in distress. However, some veterans did not change at all and a small percentage reported increases in distress.

Two studies evaluated the effectiveness of expressive writing for soldiers about the feelings associated with challenges of reintegrating back into civilian life and relationships. In the first study Sayer et al. found that soldiers in the expressive writing group experienced some significant reductions in anger, physical symptoms, distress, PTSD symptoms and reintegration difficulties.[25] In the second randomized clinical trial by Baddeley and Pennebaker, the effectiveness of expressive writing (on paper during three fifteen minute sessions) about emotions surrounding the transition home by soldiers returning from Iraq or Afghanistan and reuniting with their spouse was evaluated.[26] Couples reported greater marital satisfaction one month later if the soldier engaged in expressive compared to non-emotional writing. Effects were greatest for those couples with a soldier reporting higher combat exposure.

Importantly, adding writing techniques to talk therapies was found to reduce the length of treatment and improve access to psychological therapies.[22,27] The integration of writing techniques within traditional talk therapies or other therapeutic interventions could be easily done through using app, emails, online journals or social networks which could be more appealing for younger patients.[28]

WHO CAN BENEFIT

Expressive writing has been found to produce significant benefits for individuals with a variety of medical conditions including:[29]

- Lung functioning in asthma
- Disease severity in rheumatoid arthritis
- Pain and physical health in cancer
- Immune response in HIV infection
- Hospitalizations for cystic fibrosis

- Pain intensity in women with chronic pelvic pain
- Sleep-onset latency in poor sleepers
- Post-operative course

In addition, it can be helpful for assistance with specific life circumstances, including:

- Break-up with life partner[30]
- Death of loved one[31]
- Unemployment[32]
- Natural disaster[33]
- General stressful events[34]

These benefits were found across individuals with different educational levels or writing skills.[35]

Expressive writing has been concluded to be beneficial also as a “stand alone” technique for the treatment of anxiety and post-traumatic stress disorder symptoms and to a lesser extent for depression and anxiety.[36,37] In one study, enhanced expressive writing (i.e., writing with scheduled contacts with a therapist) was found to be as effective as traditional psychotherapy for the treatment of trauma in patients. Expressive writing without additional talking with a therapist was found to be only slightly inferior. The researchers concluded that expressive writing could provide a useful tool to promote mental health with only minimal contact with a therapist.[22]

Therapeutic journaling constitutes a useful treatment alternative for patients who do not respond to other evidence-based therapies. It may be especially useful for reaching trauma survivors in need of evidence-based mental health care who live in remote areas. Therapeutic journaling can also be a way to reach people who are unwilling or unable to engage in psychotherapy.

Expressive writing may be contraindicated for individuals who do not typically express emotions or who have severe trauma histories or psychiatric disorders.[38-40] When therapeutic journaling causes very intense levels of distress or cognitive rumination, it is not advisable to continue the writing exercise.[11]

It is important to note that expressive writing can trigger a sense of shame and embarrassment when someone else reads the writing and can cause resistance to writing down negative thoughts and feelings.[11] In these cases and often in general, it is recommended that the writing remain confidential but to still provide psychological support so that the negative emotions can be discussed with a trusted clinician.

THERAPEUTIC JOURNALING INSTRUCTIONS

This writing exercise is useful for dealing with emotional upheavals or traumas. It is a four-day writing program that has proven effective for improving mental and physical health. It is best to do your writing in a meaningful place, time, and atmosphere, so think about finding a location where you will be undisturbed by others, your phone, e-mail, etc.

It is important to think about what your writing topic will be. You might pick an emotionally upsetting event that is bothering you. If you have faced a massive trauma, it is best not to write about it for several weeks afterwards, as it may be too difficult to deal with some of the emotions that arise around what happened. Trust where your writing takes you. You might start writing about a traumatic experience and then find yourself writing about something entirely different.

For the next four days, please write about an emotionally upsetting or traumatic event that has had a strong impact on you. During your writing, you are encouraged to explore your deepest emotions and thoughts about this difficult life experience. As you write about this topic, you might tie it to your relationships with others. You may relate it to your past, present, or future, or you may connect it with who you may have been, who you would like to be, or who you are now. You may write about the same general issues or experiences on all days of writing, or you may choose to write about different topics each day.

Keep in mind these few simple guidelines recommended by Pennebaker:[41]

Writing topic. You can write about the same event all four days or different events each day. What you choose to write about should be something that is extremely personal and important for you.

Length and frequency. Write for 15-20 minutes each day for four consecutive days if you can. It is a bit more effective than writing four days over the course of several weeks.

Write continuously. Once you begin writing, write continuously without stopping. Don't worry about spelling or grammar. If you run out of things to say, simply repeat what you have already written. Keep writing about the topic until the time is up.

Write only for yourself. You are writing for yourself and no one else. After you complete the expressive writing exercise, you may want to destroy or hide what you have written. Remember this writing can be for your eyes only.

What to avoid. If you feel that you cannot write about a particular event because it would be too upsetting, then don't write about it. Just write about events or situations that you can handle now.

What to expect. It is common for people to feel somewhat saddened or depressed after writing, especially on the first day or two. Know that this is completely normal if this happens to you. Typically, the feeling usually lasts just a few minutes or a few hours. It is a good idea to plan some time to yourself after your writing session to reflect on the issues you have been writing about and support yourself in any emotions that come up.

Considerations. Writing about the same topic day after day for too many days is not helpful. If, after several sessions, you feel you are not making progress, then you might need to stop and contact a health care practitioner.

When to discontinue the journaling exercise. Writing exercises aren't for everyone. If the writing exercise evokes strong feelings that you cannot cope with, stop immediately and do something soothing for yourself. Experiencing symptoms of hypervigilance, stress or distress are signals to discontinue this journaling exercise immediately. Take care of yourself by doing something like practicing diaphragmatic breathing, reaching out to a friend or loved one, or going for a walk to center and calm yourself. If you experience lingering negative feelings, you might benefit from some additional help. It is recommended to seek the professional advice of a psychologist, counselor, or physician to discuss these feelings and experiences.

AUTHOR(S)

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REFERENCES

1. Hunt C. Therapeutic effects of writing fictional autobiography. *Life Writing*. 2010;7(3):231-244.
2. McAdams DP (2006). *The redemptive self: Stories Americans live by*. New York: Oxford University Press.
3. McAdams DP, Bauer JJ, Sakaeda AR, Anyidoho NA, Machado MA, Magrino-Failla K, Pals JL. Continuity and change in the life story: A longitudinal study of autobiographical memories in emerging adulthood. *Journal of Personality*. 2006;74(5):1371-1400.
4. Reker GT, Birren JE, Svensson C. Self-aspect reconstruction through guided autobiography: Exploring underlying processes. *The International Journal of Reminiscence and Life Review*, 2014;2(1):1-15.
5. Emmons RA, Stern R. Gratitude as a psychotherapeutic intervention. *J Clin Psychol*. 2013;69(8):846-855.
6. Adkins CI. Improving veterans' psychological well-being with a positive psychology gratitude exercise [ProQuest Information & Learning]. In *Dissertation Abstracts International: Section B: The Sciences and Engineering*. 2021;82(8).
7. Ruini C, Mortara CC. Writing Technique Across Psychotherapies—From Traditional Expressive Writing to New Positive Psychology Interventions: A Narrative Review. *J Contemp Psychother*. 2022;52:23-34.

8. King LA. The health benefits of writing about life goals. *Personality and Social Psychology Bulletin*. 2001;27(7):798-807.
9. Gordon KC, Baucom DH, Snyder DK. An integrative intervention for promoting recovery from extramarital affairs. *Journal of Marital and Family Therapy*. 2004;30(2):213-231.
10. McAdams DP (2008). Life story: The encyclopedia of adulthood and aging. In John OP, Robins RW, Pervin LA (Eds.). *Handbook of personality: Theory & research* (pp. 242-262). Guilford Press.
11. Pennebaker JW, Evans JF (2014). *Expressive writing: Words that heal*. Idyll Arbor.
12. Allen SF, Wetherell MA, Smith MA. Online writing about positive life experiences reduces depression and perceived stress reactivity in socially inhibited individuals. *Psychiatry Research*. 2020;284.
13. Pennebaker JW, Beall SK. Confronting a traumatic event: Toward an understanding of inhibition and disease. *Journal of Abnormal Psychology*. 1986;95(3):274-281.
14. Pennebaker JW. Writing about emotional experiences as a therapeutic process. *Psychol Sci*. 1997;8(3):162-166.
15. Smyth JM. Written emotional expression: effect sizes, outcome types, and moderating variables. *J Consult Clin Psychol*. 1998;66(1):174-184.
16. Frisina PG, Borod JC, Lepore SJ. A meta-analysis of the effects of written emotional disclosure on the health outcomes of clinical populations. *J Nerv Ment Dis*. 2004;192(9):629-634.
17. Sohal M, Singh P, Dhillon BS, Gill HS. Efficacy of journaling in the management of mental illness: a systematic review and meta-analysis. *Fam Med Community Health*. 2022;10(1).
18. Frattaroli J (2006). Experimental disclosure and its moderators: A meta-analysis. *Psychological Bulletin*. 2006;132:823.
19. Mogk C, Otte S, Reinhold-Hurley B, Kröner-Herwig B (2006). Health effects of expressive writing on stressful or traumatic experiences—a meta-analysis. *GMS Psycho-Social-Medicine*. 2006;3:1-9.
20. Smyth JM, Pennebaker JW (2008). Exploring the boundary conditions of expressive writing: In search of the right recipe. *British Journal of Health Psychology*. 2008;13:1-7.
21. Pavlacic JM, Buchanan EM, Maxwell NP, Hopke TG, Schulenberg SE. A meta-analysis of expressive writing on posttraumatic stress, posttraumatic growth, and quality of life. *Review of General Psychology*. 2019;23(2):230-250.
22. Gerger H, Werner CP, Gaab J, Cuijpers P. Comparative efficacy and acceptability of expressive writing treatments compared with psychotherapy, other writing treatments, and waiting list control for adult trauma survivors: A systematic review and network meta-analysis. *Psychological Medicine*. February 2021.
23. Reinhold M, Bürkner P, Holling H. Effects of expressive writing on depressive symptoms—A meta-analysis. *Clinical Psychology: Science and Practice*. 2018;25(1).
24. Frankfurt S, Frazier P, Litz BT, et al. Online expressive writing intervention for reintegration difficulties among veterans: Who is most likely to benefit? *Psychological Trauma: Theory, Research, Practice, and Policy*. 2019;11(8):861-868.

25. Sayer NA, Noorbaloochi S, Frazier PA, et al. Randomized controlled trial of online expressive writing to address readjustment difficulties among US Afghanistan and Iraq war veterans. *Journal of Traumatic Stress*. 2015;28(5):381-390.
26. Baddeley JL, Pennebaker JW. A postdeployment expressive writing intervention for military couples: A randomized controlled trial. *Journal of Traumatic Stress*. 2011;24(5):581-585.
27. Pennebaker JW. Expressive writing in psychological science. *Perspectives on Psychological Science*. 2018;13(2):226-229.
28. Botella C, Banos RM, Guillen V. Positive technologies for improving health and well-being. In: Proctor C, ed. *Positive Psychology Interventions in Practice*. Springer International Publishing/Spring Nature; 2017:219-234.
29. Baikie KA, Wilhelm K. Emotional and physical health benefits of expressive writing. *Adv Psychiatr Treat*. 2005;11(5):338-346.
30. Lepore SJ, Greenberg MA. Mending broken hearts: effects of expressive writing on mood, cognitive processing, social adjustment and health following a relationship breakup. *Psychol Health*. 2002;17(5):547-560.
31. Kovac SH, Range LM. Writing projects: lessening undergraduates' unique suicidal bereavement. *Suicide Life Threat Behav*. 2000;30(1):50-60.
32. Spera SP, Buhrfeind ED, Pennebaker JW. Expressive writing and coping with job loss. *Acad Manage J*. 1994;37(3):722-733.
33. Smyth J, Hockemeyer J, Anderson C, et al. Structured writing about a natural disaster buffers the effect of intrusive thoughts on negative affect and physical symptoms. *Aust J of Disast Trauma*. 2002;1:2002-2002.
34. Schoutrop MJ, Lange A, Hanewald G, Davidovich U, Salomon H, et al. Structured writing and processing major stressful events: A controlled trial. *Psychother Psychosom*. 2002;71(3):151-157.
35. Ruini C, Mortara CC (2022). Writing technique across psychotherapies—From traditional expressive writing to new positive psychology interventions: A narrative review. *Journal of Contemporary Psychotherapy: On the Cutting Edge of Modern Developments in Psychotherapy*. 2022;52(1):23-34.
36. van Emmerik AA, Reijntjes A, Kamphuis JH. Writing therapy for posttraumatic stress: a meta-analysis. *Psychother Psychosom*. 2013;82(2):82-88.
37. Reinhold M, Bürkner P, Holling H. Effects of expressive writing on depressive symptoms—A meta-analysis. *Clinical Psychology: Science and Practice*. 2008;25(1).
38. Niles AN, Haltom KE, Mulvenna CM, Lieberman MD, Stanton AL. Randomized controlled trial of expressive writing for psychological and physical health: the moderating role of emotional expressivity. *Anxiety Stress Coping*. 2014;27(1):1-17.
39. Batten SV, Follette VM, Hall MLR, Palm KM. Physical and psychological effects of written disclosure among sexual abuse survivors. *Behav Ther*. 2003;33(1):107-122.
40. Richards JM, Beal WE, Seagal JD, Pennebaker JW. Effects of disclosure of traumatic events on illness behavior among psychiatric prison inmates. *J Abnorm Psychol*. 2000;109(1):156-160.
41. Pennebaker JW. *Writing to Heal: A Guided Journal for Recovering From Trauma & Emotional Upheaval*. Oakland, CA: New Harbinger Publications; Distributed in Canada by Raincoast Books; 2004.

39. Batten SV, Follette VM, Hall MLR, Palm KM. Physical and psychological effects of written disclosure among sexual abuse survivors. *Behav Ther.* 2003;33(1):107-122.
40. Richards JM, Beal WE, Seagal JD, Pennebaker JW. Effects of disclosure of traumatic events on illness behavior among psychiatric prison inmates. *J Abnorm Psychol.* 2000;109(1):156-160.
41. Pennebaker JW. *Writing to Heal: A Guided Journal for Recovering From Trauma & Emotional Upheaval.* Oakland, CA: New Harbinger Publications; Distributed in Canada by Raincoast Books; 2004.