

Mindfulness-based Narrative Therapy for Depression in Cancer Patients

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Mindfulness-based narrative therapy (MBNT) is a therapeutic intervention for the treatment of depression in cancer patients. In a previous randomized controlled trial, MBNT was found to ameliorate anxiety and depression, improve functional dimensions of quality of life, and enhance treatment adherence. In this review, we describe MBNT and its technical characteristics in the context of other psychotherapeutic interventions for depression in cancer patients. We highlight needed adjustments to other narrative approaches and recommend clinical modifications tailored to the needs of cancer patients that are intended to encompass the client's initial depressive narrative. The narrative construction is supported by emotional regulation and attachment relationships on the one hand and by individual and social linguistic capabilities on the other. Through destabilization of the depressive narrative, MBNT facilitates the emergence of new meanings using both verbal and non-verbal techniques based on mindfulness. The attitude and practice of mindfulness are integrated throughout the therapeutic process. In summary, MBNT makes use of linguistic interventions, promotes mindfulness and emotional regulation, and can be adapted specifically for use with cancer patients. Copyright © 2013 John Wiley & Sons, Ltd.

Key Practitioner Message

- In this review, we describe mindfulness-based narrative therapy (MBNT) for the treatment of depression in cancer patients.
- In a previous controlled trial, we found significant benefits of MBNT in terms of reducing depressive symptoms and improving treatment adherence and quality of life in depressed, non-metastatic cancer patients.
- Narrative construction is socially and neurobiologically derived.
- MBNT makes use of linguistic interventions, promotes mindfulness and emotional regulation, and can be adapted specifically for use with cancer patients.
- MBNT is proposed as an interesting and promising intervention, particularly for patients with somatic pathologies.

Keywords: Cancer, Oncology, Depression, Mindfulness, Narrative Therapy, Combined Treatment

INTRODUCTION

Depression in cancer patients is well documented in terms of its prevalence (Sellick & Crooks, 1999; Trask, 2004; Watson, Homewood, Haviland, & Bliss, 2005) and effects on quality of life (QOL), treatment adherence, and the emotional burden of caregivers (Trask, 2004). Combined psychological and pharmacological treatment for depression is more effective than either approach alone (de Jonghe, Kool, van Aalst, Dekker, & Peen, 2001; Glik, 2004; Hirschfeld et al., 2002; Keller, McCullough, Klein, Arnow, Dunner, et al., 2000; Keller, McCullough, Klein, Arnow, et al., 2000; Pampallona, Bollini, Tibaldi, Kupelnick, & Munizza, 2004). Numerous authors have advocated a

combined approach for the treatment of depression in cancer patients (Ell et al., 2008; Rodin et al., 2007; Strong et al., 2008) and have recommended evaluating alternatives to cognitive-behavioral therapy (Newell, Sanson-Fisher, & Savolainen, 2002).

It is generally agreed that psychological interventions should be an integral part of cancer care (e.g., <http://guidance.nice.org.uk/Topic/Cancer>). Many psychotherapeutic approaches have been used in psycho-oncology (Watson & Kissane, 2011). Cognitive therapy has been the subject of most research. Two previous meta-analyses focusing on cognitive therapy techniques in cancer patients (Graves, 2003; Luebbert, Dahme, & Hasenbring, 2001) concluded that this approach is useful for the general population of cancer patients as well as for patients with specific types of cancer (Tatrow & Montgomery, 2006a, 2006b). However, further evidence is needed from randomized controlled trials with large samples

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(Horne & Watson, 2011; Newell et al., 2002; Tatrow & Montgomery, 2006a, 2006b).

Most empirical research on alternatives to cognitive therapy focuses on group approaches, which have important psychosocial benefits. For example, supportive-expressive group psychotherapy is helpful for women with metastatic breast cancer (Kissane et al., 2007). Supportive-expressive group psychotherapy is a long-term, unstructured, group intervention for patients with advanced disease who are having difficulty adjusting to their illness. Meaning-centered group psychotherapy has shown to be useful for patients with advanced cancer (Breitbart, 2002; Breitbart et al., 2010). This approach is based on the work of Frankl (1984) and aims to help patients find meaning in their illness experience and focus on living rather than dying (Breitbart & Heller, 2003; Greenstein & Breitbart, 2000). In addition to group approaches, individualized therapies also show promise. For example, dignity therapy (Chochinov et al., 2005) is a unique, individualized, brief psychotherapy developed to relieve distress and enhance the end-of-life experiences of terminally ill patients by providing them with an opportunity to remember and/or reflect upon things of importance to them. Dignity therapy has been found to improve patients' QOL and sense of dignity and to benefit families as well (Chochinov et al., 2011).

The aim of this paper is to describe mindfulness-based narrative therapy (MBNT) (Rodríguez Vega & Fernández Liria, 2012), an empirically supported novel treatment for depression in cancer patients, and to identify key elements of this approach.

NARRATIVE THERAPY: DEFINITIONS AND THEORETICAL FRAMEWORK

Narrative therapy (NT) is a psychosocial form of therapeutic intervention used with individuals, families, groups, and/or organizations (Snedker Boman, 2011). NT is based on narrative theory as well as social constructivism, a philosophy holding that there is no a unique, objective reality directly accessible to human beings through their senses. Instead, reality is constructed through language and narrative description in the intersubjective field between human beings (Anderson, 1997; Berger & Luckman, 1966; Gergen & Kaye, 1992). As such, NT is not limited to any particular therapeutic school of thought and could be interpreted and applied by therapists from diverse theoretical backgrounds (Angus & McLeod, 2004). Narrative is a core therapeutic process in the sense that all therapy involves the telling of stories (Fernandez Liria & Rodríguez Vega, 2001; McLeod, 1997; Rodríguez Vega & Fernández Liria, 2012).

Currently, there is no universally agreed-upon definition of "narrative," but generally speaking, a narrative is a story about a sequence of events that occurs in time and is organized in a script. Through narratives, human beings give meaning to what happens to them (Clandinin & Connelly, 2000). Different approaches to therapeutic practice and research focus on different storytelling structures (Angus & McLeod, 2004) ranging from the socially oriented nature of narrative psychology to the "inner self" orientation of most conventional psychotherapies (Angus & McLeod, 2004). This range reflects tension within the field of narrative psychology, which employs both post-modern ideas such as the centrality of language and discourse in human affairs and concepts drawn from existential theory, such as human self-agency, empowerment, and responsibility (Avdi & Georgaca, 2007a, 2007b; Polkinghorne, 2004; Wallis, Burns, & Capdevila, 2011). The narrative metaphor implies that human psychology has an essentially narrative structure, such that human life can be seen as storied and narratives can be seen as the organizing principle for human action (Sarbin, 1986).

Self-narratives (narratives about oneself) can become problematic when they restrict cognitive and affective diversity, thereby limiting behavioral possibilities. For instance, depressive clients often organize their self-narratives around themes of loss, helplessness, and hopelessness, preventing other possible themes from being constructed (Machado & Gonçalves, 1999; Ribeiro, Bento, Salgado, Stiles, & Gonçalves, 2011). Therapy can be construed as a process of "story repair" in which problematic self-narratives are reconstructed to become more coherent, complex, and inclusive (Avdi & Georgaca, 2007a, 2007b). Accordingly, the therapist serves as a witness to the client's storytelling and a coeditor of the unfolding narrative (Anderson, 1997).

The relative paucity of studies on NT (Etchison & Kleist, 2000; Rodríguez Vega et al., 2012; Rodríguez Vega et al., 2010) may be related to its recent emergence as an empirical paradigm and its emphasis on a subjective and qualitative understanding of problems. However, the influence of narrative perspectives on practice and research in psychotherapy is growing (Gonçalves & Stiles, 2011; Meisel & Karlawish, 2011). Recent publications in this area include our clinical studies on the use of NT for the treatment of depression in cancer patients (see the succeeding texts), a clinical trial examining the utility of NT for the treatment of depressive disorders in adults (Vromans, 2007; Vromans & Schweitzer, 2011), a randomized clinical trial on the effect of NT on pain perception in cancer patients (Cepeda, Chapman, & Miranda, 2008) and other relevant, recently published empirical research (Gonçalves & Stiles, 2011; Gonçalves et al., 2011; Levitt & Piazza-Bonin, 2011; Osatuke et al., 2011; Ribeiro et al., 2011; Vromans & Schweitzer, 2011; Zweig, Angus, Monette, Hollis-Walker, & Warwar, 2011).

Outcome studies based on randomized, controlled trials are the “gold standard” of clinical effectiveness research (Margison et al., 2000). Our group carried out a clinical study comparing the efficacy of MBNT plus antidepressants (combined therapy) versus antidepressants alone (standard treatment) in patients diagnosed with major depression and non-metastatic breast, lung, or colon cancer (Rodríguez Vega et al., 2010). We found that combined treatment was associated with greater treatment compliance and improvement in functional dimensions of QOL at 12 and 24 weeks post-treatment. We also conducted a qualitative study by using focal discussion groups of patients to examine the meaning of these quantitative results in-depth (Rodríguez Vega et al., 2012). Our interest was in understanding the subjective meaning of QOL dimensions and evaluating the contribution of psychotherapy to the process of adjusting to illness. Patients in combined treatment found MBNT helpful and were more likely than patients in standard treatment to report positive changes consistent with post-traumatic growth, such as increased social intimacy and a new found ability to re-evaluate the meaning of situations. The methodology and results of the aforementioned studies are described in detail elsewhere (Rodríguez Vega et al., 2010; Rodríguez Vega et al., 2012). With these findings, we believe that MBNT could be a useful approach for the treatment of depression in cancer patients. However, as yet, no studies have been conducted to directly compare the efficacy of MBNT versus other types of therapy.

MINDFULNESS-BASED NARRATIVE THERAPY IN CANCER PATIENTS

Our choice of NT over other therapeutic methods for the treatment of cancer patients is motivated by the fact that it is custom built for each patient, such that the patient’s narrative of his or her own personal experience guides the intervention and the therapist and patient co-construct new meanings for despair, suffering, or disablement narratives. The narrative perspective allows the therapist to match strategies to specific individuals and their distress, that is, to move from a therapy-centric orientation to a patient-centric approach. In contrast to cognitive therapy (Horne & Watson, 2011), MBNT emphasizes acceptance rather than change strategies, offers no training in changing thinking patterns, re-examines knowledge that is taken for granted, and promotes metacognitive awareness (seeing thoughts as just thoughts rather than reflections of reality). In contrast to other meaning-making interventions, MBNT is not limited to existential issues (Breitbart et al., 2010).

Our view of NT is broader compared with other authors. We consider narrative construction to depend not only on social or linguistic construction as emphasized by traditional narrative theory (Clandinin & Connelly, 2000)

but also on a construction based on interpersonal neurobiology (Siegel, 1999). We believe that personal experience can be studied in a manner that maintains the notion of human agency and subjectivity while attending to the interactional, social, and cultural embeddedness of narrative production (Avdi & Georgaca, 2007a, 2007b; Crossley, 2000).

The major goal of NT is the creation of alternative stories that are different from the main narrative, which contains the problem. In this sense, psychotherapy is about meaning transformation. Patients display and make meaning of their lives through the stories they tell and retell to their therapists (Gonçalves & Stiles, 2011). New narratives can arise through both top-down (from narration to emotions and physical sensations) and bottom-up (from bodily sensations to meaning and the story) information-processing channels (Ogden, 2006). As described by Ogden, “top-down cortically mediated techniques typically use cognition to regulate affect and sensorimotor experience, focusing on meaning-making and understanding. The entry point is the story, and the formulation of a coherent narrative is of prime importance. In the bottom-up approaches, the body sensations and movements are the entry points and changes in sensorimotor experience are used to support self regulation” (Ogden, Minton, & Pain,). Bottom-up interventions are critical when working with patients with somatic illnesses such as cancer because bodily sensations frequently are one of the most important complaints and the body is the locus of some of the most traumatic experiences of the illness (Scaer, 2001).

Narrative therapy must adapt to fit the variable and changing needs of cancer patients, which has important clinical implications for therapeutic practice. When faced with a rigid and inflexible initial narrative from a patient (e.g., “I am depressed because I am a weak person”), the therapist could initiate standard verbal NT interventions such as externalizing conversation (White, 2007) to promote de-identification regarding depression. In other words, the goal is to disconnect the problem from the patient’s identity (to “externalize”) such that the patient does not have depression, but rather, depression has taken hold of the patient (Snedker Boman, 2011). The notion that depression is an inner state is challenged. In theoretical and linguistic practice, this means that a divide is inserted between the client and the depression. The therapist can also use other techniques including naming and remembering (Snedker Boman, 2011) and include family and other relevant people as external witnesses who reflect upon and share the patient’s experience.

We integrate both an attitude and practice of mindfulness into our treatment. Mindfulness emphasizes observation of thoughts and feelings moment by moment and has been described as “a particular way of paying attention: on purpose, moment-by-moment, and without judgment” Kabat-Zinn, 1991. Mindfulness meditation is seen as a

way to experience life in a “non-judgmental” way, which involves acceptance of the current situation (including symptoms of illness) without judging and mindful presence within a given situation (including negative emotions). Patients are trained in both formal and informal mindfulness practices. Formal practices involve set periods of meditation, such as sitting and focusing attention on the breath, body scan, mindful walking and stretching, and a series of soft hatha yoga exercises. Informal practices involve mindfulness in everyday life; for example, by deliberately focusing awareness on the experience of everyday activities (e.g., showering, looking through a window, and eating a piece of fruit). Mindfulness exercises train a person to remain observant, non-judgmental, and within the present moment, without getting entangled in feelings of guilt or failure, desires, memories, or anticipation of the future (Ledesma & Kumano, 2009; Musial, Bussing, Heusser, Choi, & Ostermann, 2011; Shennan, Payne, & Fenlon, 2011).

In clinical practice, a therapist may respond to a bodily centered narrative (e.g., “I feel so tired that I can’t say anymore” or “I am having difficulty breathing because of pressure in my chest”) by encouraging the creation of new narratives using non-verbal, bodily centered, emotional regulation techniques such as mindfulness. Working with new meanings that arise (e.g., “while I was meditating I had a feeling of connection with myself and others again” or “I can see the brightness of colors again”), the therapist facilitates narrative construction from bodily sensation towards the story. Empirical data on the efficiency of mindfulness (L. Carlson, Ursuliak, Goodey, Angen, & Specca, 2001; Mackenzie, Carlson, & Specca, 2005; Ott, Norris, & Bauer-Wu, 2006; Specca, Carlson, Goodey, & Angen, 2000) and other somatosensory techniques such as hypnosis and guided imagination (L. E. Carlson & Bult, 2008) in the treatment of depression and anxiety in cancer patients indicate that this is a particularly important approach when working with this population.

The practice of mindfulness integrates into narrative practice, as both maintain an open dialogue and share common ground, emphasize acceptance, and view reality as a construction of the observer. Observer and observed are one (Waldron, 2006). Mindfulness opens the world of the six senses (sight, hearing, smell, touch, taste, and mind), thereby expanding consciousness and allowing different paths to become visible when faced with a stressful situation. NT expands the meaning of “what is not

said” or “what is not sensed” (Anderson & Goolishian, 1988). The result is an expansion of the repertoire of action (or non-action), allowing alternative narratives to emerge that do not include the usual pattern of reaction that generates suffering. From both perspectives (NT and mindfulness), the patient is encouraged to explore his or her relationship with reality (the problem). This is encouraged, for instance, in the externalization technique. Mindfulness involves considering one’s own thoughts and feelings as just that: “thoughts” or “feelings” (Segal, Williams, & Teasdale, 2002). Similar to Buddhist psychology, which involves seeking the experience of “anatta” (not-self), NT views “self” as multiple-self, dynamic, and changing (Epstein, 2007). It is possible to facilitate self-reorganization in a suffering patient by integrating mindfulness and NT. As proposed by Engler, “you have to be somebody before you can be nobody” (Engler, 2003).

In summary, to help the patient integrate his or her experience into a new, coherent narrative, the therapist explores and challenges the argument and the perspective of the old narrative. The patient tells a story with a main script (e.g., biography, loss, grief, and family disputes) and places himself or herself in a certain perspective (first, second, or third person) to tell his or her story (Table 1) (Bruner, 1986).

The patient assumes a first-person perspective when he or she focuses on the relationship he or she has with himself or herself and tells stories involving biographical items or emotional dysregulation. An example from the biography reads as follows: “I rejected to take quimiotherapy. I do not want to be a burden for my family. Until I stopped drinking, I mistreated my wife and kids. I don’t deserve now to be looked after by them”. Another example of emotional dysregulation is as follows: “I am fine, I do not feel sad, it is just that when I am about to take quimiotherapy, my legs buckle and my husband has to carry me on a wheelchair.” Stories from a second-person perspective are based on significant interpersonal relationships. Gloria says “since my daughter died, it makes no sense for me to follow the treatment anymore.” Stories from a third-person perspective are focused on social meta-narratives such as gender or the social stigma of cancer. “My uterus has been removed, I no longer serve for anything as a woman.” (Table 2). The ultimate goal of the intervention is to help the patient build a healthier version of his or her narrative from the initial depressed one.

Table 1. Narrative therapy: definitions

Narrative	A story about a life experience, constructed by a person or group of people, which includes events perceived by the narrator as being important (Kholer, 2008).
Argument	The organizing principle of the experience (Hermans 1995). A guide for the selection of events.
Perspective	The position of “self” when telling one’s own story.

Table 2. Narrative exploration

Perspective	First person	Second person	Third person
Argument	Biography Emotions Internal dialogue	Mourning Role transition Interpersonal/family relationship Therapeutic relationship	Social significance of the illness Stigma Gender
Therapeutic resources	Biographical review and type of attachment Emotional control Acceptance Medication	Working on the therapeutic relationship Working on mourning Partner/family interventions	Being aware of social conventions associated with the illness

KEY ELEMENTS OF MINDFULNESS-BASED NARRATIVE THERAPY FOR CANCER PATIENTS

Through the therapeutic conversation, stories containing “knots” of narrative meaning are explored. Knots are areas of the narrative that have the potential for change through exploration and questioning because they are especially relevant for this particular person in this particular illness situation. The problem that the patient raises in the form of a dominant narrative (Sluzki, 1992) (e.g., “I can’t sleep,” “I’m afraid the cancer will come back,” and “I’m scared of telling my wife about what’s frightening me”) is the starting point of a therapeutic conversation. With cancer patients, there are some particularly frequent tasks to which the therapist must attend:

1. From the first-person perspective:

a. Encourage emotion regulation through work focused on the body. This may mean working with a hyper-activated patient (emotional flooding) or a hypo-activated, inhibited, or emotionally constrained patient. A goal is to restore the body as a resource for growth and emotional modulation as opposed to a place of damage or loss (Ogden, 2006). Next is an example of the clinical practice that illustrates how the therapist, starting off from the patient’s initial narrative, brings somatosensorial consciousness and gradually introduces a mindfulness attitude. Laura sits on the chair, heavyhearted. “Since I was given the cancer diagnosis, I feel a pressure on the chest that doesn’t allow me to breathe. They have dismissed an organic cause and I do not understand it because I put up with the diagnosis with tranquility. The only thing that I ask from you is to help me with this trouble.” Therapist: . . . Laura, I am noticing that your breathing is faltering. Have you noticed that? (the therapist attends to the patient’s initial complaint and initiates interventions that will increase—gradually and respecting the patient’s rhythm—his or her body conscience). . . What if you change your

position. . .straightening up your back a bit and bringing your shoulder blades closer. . . do you feel any change? (the therapist encourages body consciousness through changes in posture and movement). . . What if you breathe in, noticing the air entering the body, and exhale noticing the air leaving the body? (the therapist helps out to stop breathing being an automatic process and to work on conscious breathing). Can you now follow the air’s trajectory as far as the abdomen and notice, just notice, observing how the navel rises with inhalation and descends with exhalation? (the therapist trains diaphragmatic breathing—the type that predominates in moments of calm—and helps the patient to maintain an observer attitude in the here and now). . . focusing on this movement, without changing anything, just observing, and when the mind wanders, simply, be aware, with kindness, bring it again to the here and now. . . that’s it. . .

b. Explore the patient’s biography to understand how he or she would answer the question, “Who am I?” Breitbart and colleagues (Breitbart et al., 2010) proposed that cancer modifies the response to this question. For example, the loss of autonomy associated with illness may have different implications for a patient who, through a difficult childhood, learned that depending on others is dangerous than for a patient with different life experiences. The latter person might actually find a loss of autonomy to be an agreeable experience to the extent that it fosters an intimate connection with loved ones and may be able to discover new things from the illness experience (Breitbart et al., 2010).

2. From the second-person perspective:

a. Explore the patient’s meaningful relationships. Humans are relational beings who do not exist in isolation. For this reason, it is important to include the family in key moments of the therapeutic process and explicitly work with what arises in the therapeutic relationship (Kissane & Bloch, 2002).

- b. Explore the meaning of mourning the loss of health, anticipation of death, and impending separation from loved ones (Worden, 2000), as well as the health-to-illness role transition, from independent to dependent, from caregiver to being cared for, and from worker to pensioner. Specific issues surrounding functional adaptations to everyday life such as walking with crutches or wearing a colostomy bag would be included here (Averill & Nunley, 1993; Schut, Stroebe, Van Den Bout, & Terheggen, 2001).
- c. Use the therapeutic relation as a privileged place to explore interpersonal interaction.
3. From the third-person perspective: Explore changes in patient's values resulting from the disease. Which aspects from the world's beliefs question the illness? We refer to basic existential themes: freedom, death, the meaning of life, isolation, and changes that affect the most nuclear identity of the person, the nuclear self, or core self (Frankl, 1984). We also take into account the cultural narratives that both patient and therapist draw upon to construct their stories.

The key elements of meaning identified through this process can guide the therapist through a range of tasks, such as the following:

1. Exploring the meaning of illness in the context of the biography.
2. Exploring the meaning of existential themes including fear of death, isolation, and dependence. Any one of these themes would be subject to variations by gender and culture.
3. Exploring the patient's past or present significant interpersonal relationships.
4. Exploring the relationship with the therapist and using the opportunities and challenges inherent therein to establish and maintain the therapeutic relationship, as a gateway to relational exploration.
5. Exploring the meaning of grief and difficulties in role transition.
6. Training in techniques of emotion regulation including mindfulness, self-hypnosis, guided imagination, and other somatosensory techniques, with the aim of increasing somatic awareness and focusing on healthy resources to regulate emotions, deal with specific symptoms (e.g., pain, nausea, or anticipatory vomiting), or prepare for an invasive examination or surgical intervention.
7. Inclusion in the therapeutic process of significant people in the patient's life, with the goal of validating individual and familial emotional stress, facilitating family communication, and helping redefine relationships in anticipation of physical deterioration or death.

Thus, in each intervention, the therapist must take into account the possibility of (a) involving family members, friends, or significant others in the conversation; (b) discussing existential issues and mourning; (c) working with somatic awareness in one of its many forms; (d) achieving cognitive restructuring through clarification or confronting patterns or beliefs that maintain the narrative of depression; (e) working on the therapeutic relationship; and (f) maintaining a focus on discovering and strengthening the patient's health resources. Recently, we published a reference manual describing how the therapeutic strategy evolves throughout the stages of the therapeutic process (Rodríguez Vega & Fernández Liria, 2012).

CONCLUSION

We described an adaptation of MBNT for use with cancer patients. We propose using top-down processing of the dominant narrative brought by the patient, which is often rigid and inflexible, as well as bottom-up approaches to work with emotions expressed as bodily sensations and to encourage emotional regulation. In the process of therapy, the therapist explores the dominant argument of the narrative and perspective from which the patient tells his or her story and uses this as a guide in the choice of appropriate therapeutic resources.

As Angus and McLeod (2004) pointed out, there are different storytelling structures. The MBNT approach posits to initiate the therapeutic conversation from the narrative the patients bring to us, from a narrative that is socially orientated to another that deals with internal dialogues of self-devaluation or body sensations. In other words, we aim to meet the patient wherever he or she is. The therapy—understood as a process of repairing rigid and restrictive narratives (Gonçalves, 2011), as it happens in depression—should include or integrate the work with somatosensorial consciousness as a preferential path towards narrative amplification and the emergence of new meanings or alternative stories.

A previous randomized, controlled trial using both quantitative and qualitative analyses supported the effectiveness of our adaptation of MBNT in treating depression and improving QOL in cancer patients (Rodríguez Vega et al., 2012; Rodríguez Vega et al., 2010). However, that study was limited in that it did not compare NT with other empirically supported forms of psychotherapy, and it considered only patients with non-metastatic cancer. MBNT might be a therapeutic alternative for depression in cancer patients that merits to be evaluated with larger samples, in different stages of cancer, using a group approach and comparing it to an active control group. In addition, MBNT seems a promising intervention in other physical illnesses such as chronic pain and multiple sclerosis, in which our group is actually developing research projects. NT is socially and neurobiologically informed and,

despite a relative lack of empirical support and validation, is increasingly influential in psychotherapeutic practice and research.

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CONFLICT OF INTEREST

The authors declare that they have no conflicts of interest.

REFERENCES

- Anderson, H. (1997). *Conversation, Language and Possibilities: A Postmodern Approach to Therapy*. New York: Basic.
- Anderson, H., & Goolishian, H. A. (1988). Human systems as linguistic systems: preliminary and evolving ideas about the implications for clinical theory. *Family Process*, 27(4), 371–393.
- Angus, L. E., & McLeod, J. (2004). *The handbook of narrative and psychotherapy*. London: Sage Pub.
- Avdi, E., & Georgaca, E. (2007a). Discourse analysis and psychotherapy: a critical review. *European Journal of Psychotherapy and Counselling*, 9(2), 157–176.
- Avdi, E., & Georgaca, E. (2007b). Narrative research psychotherapy: a critical review *Psychology and Psychotherapy: Theory, Research and Practice*, 80(3), 407–419.
- Averill, J., & Nunley, E. (1993). Grief as an emotion and as a disease: a social constructivist perspective. In M. S. Stroebe, W. Stroebe, & R. O. Hansson (Eds.), *Handbook of bereavement* (pp. 77–91). New York: Cambridge University Press.
- Berger, P., & Luckman, T. (1966). *The Social construction of reality (Trad cast: la construcción social de la enfermedad)*. Buenos Aires: Amorrortu, 1968). Garden City: Doubleday.
- Breitbart, W. (2002). Spirituality and meaning in supportive care: spirituality- and meaning-centered group psychotherapy interventions in advanced cancer. *Supportive Care in Cancer*, 10(4), 272–280.
- Breitbart, W., & Heller, K. (2003). Reframing hope: meaning-centered care for patients near the end of life. *Journal of Palliative Medicine*, 6, 979–988.
- Breitbart, W., Rosenfeld, B., Gibson, C., Pessin, H., Poppito, S., Nelson, C., Tomarken, A., Timm, A.K., Jacobson, C., Sorger, B., Abbey, J., Olden, M. (2010). Meaning-centered group psychotherapy for patients with advanced cancer: a pilot randomized controlled trial. *Psycho-Oncology*, 19(1), 21–28.
- Bruner, J. (1986). *Actual minds, possible worlds (Trad cast: realidad mental y mundos posibles)* (1989) *Barcelona: Gedisa*). Cambridge, MA: University Press.
- Carlson, L. E., & Bult, B. D. (2008). Mind-body interventions in oncology. *Current Treatment Options in Oncology*, 9, 127–134.
- Carlson, L., Ursuliak, Z., Goodey, E., Angen, M., & Specia, M. (2001). The effects of a mindfulness meditation based stress reduction program on mood and symptoms of stress in cancer outpatients: six month follow-up. *Support. Care Cancer*, 9, 112–123.
- Cepeda, M., Chapman, R., & Miranda, N. (2008). Emotional disclosure through patient narrative may improve pain and well-being: results of a randomized controlled trial in patients with cancer pain. *Journal of Pain and Symptom Management*, 35, 623–631.
- Chochinov, H. M., Hack, T., Hassard, T., Kristjanson, L. J., McClement, S., & Harlos, M. (2005). Dignity therapy: a novel psychotherapeutic intervention for patients near the end of life. *Journal of Clinical Oncology*, 23(24), 5520–5525.
- Chochinov, H., Kristjanson, L., Breitbart, W., Susan McClement, S., Hack, T., Hassard, T., Kristjanson, L. J., Harlos, M. (2011). Effect of dignity therapy on distress and end-of-life experience in terminally ill patients: a randomised controlled trial. *The Lancet Oncology*, 12, 753–762.
- Clandinin, D., & Connelly, F. (2000). *Narrative inquiry: experience and story in educational research*. San Francisco: Jossey Bass.
- Crossley, M. (2000). *Introducing narrative psychology: self, trauma and the construction of meaning*. Buckingham: Open University Press.
- Ell, K., Xie, B., Quon, B., Quinn, D., Dwight-Johnson, M., & Lee, P. (2008). Randomized controlled trial of collaborative care management of depression among low-income patients with cancer. *Journal of Clinical Oncology*, 26, 4488–4496.
- Engler, J. (2003). Being somebody and being nobody: a reexamination of the understanding of self in psychoanalysis and Buddhism. In J. Safran (Ed.), *Psychoanalysis and buddhism: An unfolding dialogue* (pp. 35–1000). Boston: Wisdom.
- Epstein, M. (2007). *Psychotherapy without the self: A buddhist perspective*. New Haven: Yale University Press.
- Etchison, M., & Kleist, D. (2000). Review of narrative therapy: research and utility. *The Family Journal*, 8, 61.
- Fernandez Liria, A., & Rodriguez Vega, B. (2001). *La practica de la psicoterapia: La construcción de narrativas teraputicas*. Bilbao: Descl,e de Brouwer.
- Frankl, V. (1984). *Man's search for meaning*. New York: Simon & Schuster.
- Gergen, K. J., & Kaye, J. (1992). Beyond narrative in the negotiation of human meaning. In S. McNamee, & K. J. Gergen (Eds.), *Therapy as social construction* (pp. 166–185). London: Sage.
- Glik, I. (2004). Adding psychotherapy to pharmacotherapy data, benefits and guidelines for integration. *American Journal of Psychotherapy*, 58(2), 186–208.
- Gonçalves, M., & Stiles, W. (2011). Narrative and psychotherapy: introduction to the special section. *Psychotherapy Research*, 21(1), 1–3.
- Gonçalves, M. M., Ribeiro, A. P., Stiles, W. B., Conde, T., Matos, M., Martins, C. (2011). The role of mutual in-feeding in maintaining problematic self-narratives: exploring one path to therapeutic failure. *Psychotherapy Research*, 21(1), 27–40.
- Graves, K. (2003). Social cognitive theory and cancer patients' quality of life: a meta-analysis of psychosocial intervention components. *Health Psychology*, 22, 210–219.
- Greenstein, M., & Breitbart, W. (2000). Cancer and the experience of meaning: a group psychotherapy program for people with cancer. *American Journal of Psychotherapy*, 54, 486–500.
- Hermans, H. J. M., & Hermans-Jansen, E. (1995). *Self-Narratives: The construction of meaning in psychotherapy*. New York: Guilford Press, ISBN 0-89862-878-4.
- Hirschfeld, R. M., Dunner, D. L., Keitner, G., Klein, D. N., Koran, L. M., Kornstein, S. G., Markowitz, J. C., Miller, I., Nemeroff, C. B., Ninan, P. T., Rush, A. J., Schatzberg, A. F., Thase, M. E.,

- Trivedi, M. H., Borian, F. E., Crits-Christoph, P., Keller, M. B. (2002). Does psychosocial functioning improve independent of depressive symptoms? A comparison of nefazodone, psychotherapy and their combination. *Biological Psychiatry*, *51*, 123–133.
- Horne, D., & Watson, M. (2011). Cognitive-behavioural therapies in cancer patients. In M. Watson, & D. Kissane (Eds.), *Handbook of psychotherapy in cancer care*. New York: Wiley and Sons.
- de Jonghe, F., Kool, S., van Aalst, G., Dekker, J., & Peen, J. (2001). Combining psychotherapy and antidepressants in the treatment of depression. *Journal of Affective Disorders*, *64*, 217–229.
- Kabat-Zinn, J. (1991). *Full catastrophe living: using the wisdom of your body and mind to face stress, pain, and illness*. Delta Trade Paperbacks. ISBN 0-385-30312-2.
- Keller, M.B., McCullough, J.P., Klein, D.N., Arnow, B., Dunner, D. L., Gelenberg, A.J., Martin, B., Keller, M.D., James, P., McCullough, . . . , Klein, D.N., Arnow, B., Dunner, D.L., Gelenberg, A.J., Markowitz, J.C., Nemeroff, C.B., Russell, J.M., Thase, M.E., Trivedi, M.H., Blalock, J.A., Borian, F.E., Jody, D.N., Charles Debattista, D.M.H., Koran, L.M., Schatzberg, A.F., Fawcett, J., Robert, M.A., Hirschfeld, . . . , Keitner, G., Miller, I., Kocsis, J.H., Kornstein, S.G., Manber, R., Ninan, P.T., Rothbaum, B., John Rush, A., Vivian, D., Zajecka, J. (2000). A comparison of nefazodone, the cognitive behavioral-analysis system of psychotherapy, and their combination for the treatment of chronic depression. *The New England Journal of Medicine*, *342*, 462–470.
- Keller, M.B., McCullough, J.P., Klein, D.N., Arnow, B., Dunner, D.L., Gelenberg, A.J., Markowitz, J.C., Nemeroff, C.B., Russell, J.M., Thase, M.E., Trivedi, M.H., Blalock, J.A., Borian, F.E., Jody, D.N., DeBattista, C., Koran, L.M., Schatzberg, A.F., Fawcett, J., Robert, M.A., Hirschfeld, M.D., Keitner, G., Miller, I., Kocsis, J.H., Kornstein, S.J., Manber, R., Ninan, P.T., Rothbaum, B., John Rush, A., Vivian, D., Zajecka, J. (2000). A comparison of nefazodone, the cognitive behavioral-analysis system of psychotherapy, and their combination for the treatment of chronic depression. *The New England Journal of Medicine*, *342*, 462–470.
- Kissane, D., & Bloch, S. (2002). *Family focused grief therapy: a model of family-centred care during palliative care and bereavement*. Buckingham, UK: Open University Press.
- Kissane, D. W., Grabsch, B., Clarke, D. M., Smith, G. C., Love, A. W., Bloch, S., Snyder, R.D., Li, Y. (2007). Supportive-expressive group therapy for women with metastatic breast cancer: survival and psychosocial outcome from a randomized controlled trial. *Psycho-Oncology*, *16*(4), 277–286.
- Kholer Riessman, C. (2008). *Narrative Methods for the human sciences*. Los Angeles: Sage, ISBN-978-0-7619-2998-7.
- Ledesma, D., & Kumano, H. (2009). Mindfulness-based stress reduction and cancer: a meta-analysis. *Psycho-Oncology*, *18*, 571–579.
- Levitt, H. M., & Piazza-Bonin, E. (2011). Therapists' and clients' significant experiences underlying psychotherapy discourse. *Psychotherapy Research*, *21*(1), 70–85.
- Luebbert, K., Dahme, B., & Hasenbring, M. (2001). The effectiveness of relaxation training in reducing treatment-related symptoms and improving emotional adjustment in acute non-surgical cancer treatment: a meta-analytical review. *Psycho-Oncology*, *10*, 490–502.
- Machado, P. P. P., & Gonçalves, O. F. (1999). Special section on narrative in psychotherapy: the emerging metaphor. *Journal of Clinical psychotherapy*, *55*, 1175–1270.
- Mackenzie, M., Carlson, L., & Specia, M. (2005). Mindfulness based stress reduction (MBSR) in oncology: rationale and review. *Evidence Based Integrative Medicine*, *2*, 139–145.
- Margison, F. R., Barkham, M., Evans, C., McGrath, G., Clark, J. M., Audin, K., Connell, J. (2000). Measurement and psychotherapy. Evidence-based practice and practice-based evidence. *The British Journal of Psychiatry*, *177*, 123–130.
- Massie, M. (2004). Prevalence of depression in patients with cancer. *Journal of the National Cancer*, *32*, 57–71.
- McLeod, J. (1997). *Narrative and psychotherapy*. London: Sage.
- Meisel, Z. F., & Karlawish, J. (2011). Narrative vs evidence-based medicine—and, not or. *JAMA: The Journal of the American Medical Association*, *306*(18), 2022–2023.
- Musial, F., Bussing, A., Heusser, P., Choi, K., & Ostermann, T. (2011). Mindfulness-based stress reduction for integrative cancer care – a summary of evidence *Forschende Komplementärmedizin*, *18*, 192–202.
- Newell, S., Sanson-Fisher, R., & Savolainen, N. (2002). Systematic review of psychological therapies for cancer patients: overview and recommendations for future research. *Journal of the National Cancer Institute*, *94*, 558–584.
- Ogden, P. (2006). *Trauma and the body (Trad cast: el trauma y el cuerpo. Bilbao: Desclée de Bouver)*. New York: Norton.
- Ogden, P., Minton, K., & Pain, C. (p. 166). *Trauma and the body*. New York: Norton.
- Osatuke, K., Reid, M., Stiles, W., Kasckow, J., Zisook, S., & Mohamed, S. (2011). Narrative evolution and assimilation of problematic experiences in a case of pharmacotherapy for schizophrenia. *Psychotherapy Research*, *21*(1), 41–53.
- Ott, M., Norris, R., & Bauer-Wu, S. (2006). Mindfulness meditation for oncology patients. *Integrative Cancer Therapies*, *5*, 98–108.
- Pampallona, S., Bollini, P., Tibaldi, G., Kupelnick, B., & Munizza, C. (2004). Combined pharmacotherapy and psychological treatment for depression: a systematic review. *Archives of General Psychiatry*, *61*(7), 714–719.
- Polkinghorne, D. E. (2004). Narrative therapy and postmodernism. In L. E. Angus, & J. McLeod (Eds.), *The handbook of narrative and psychotherapy: Practice, theory and research* (pp. 53–68). London: Sage.
- Ribeiro, A., Bento, T., Salgado, J., Stiles, W. B., & Gonçalves, M. (2011). A dynamic look at narrative change in psychotherapy: a case study tracking innovative moments and protonarratives using state space grids. *Psychotherapy Research*, *21*(1), 54–70.
- Rodin, G., Lloyd, N., Katz, M., Green, E., Mackay, J., & Wong, R. (2007). The treatment of depression in cancer patients: a systematic review. *Supportive Care in Cancer*, *15*, 123–136.
- Rodríguez Vega, B., & Fernández Liria, A. (2012). *Terapia narrativa basada en atención plena para la depresión*. Bilbao: Desclée de Brouwer.
- Rodríguez Vega, B., Orgaz Barnier, P., Bayón, C., Palao, A., & Torres, G., Hospital, A., Benito, G., Dieguez, M., Fernández Liria, A. (2012). Differences in depressed oncologic patient's narrative after receiving two different therapeutic interventions for depression: a qualitative study. *Psychooncology*, Dec. *21*(12), 1292–8.
- Rodríguez Vega, B., Palao, A., Torres, G., Hospital, A., Benito, G., Perez, E., Dieguez, M., Castelo, B., Bayón, C. (2010). Combined therapy versus usual care for the treatment of depression in oncologic patients: a randomized controlled trial. *Psycho-Oncology*, 2011 Sep; *20*(9), 943–952.
- Sarbin, T. (1986). The Narrative as a root metaphor for Psychology. In T. Sarbin (Ed.), *Narrative psychology: The storied nature of human conduct*. New York: Praeger.

- Scaer, R. (2001). *The body bears the burden. Trauma, dissociation and disease*. New York. London. Oxford: The Haworth Medical Press.
- Schut, H., Stroebe, M., Van Den Bout, J., & Terheggen, M. (2001). The efficacy of bereavement interventions: who benefits? In M. Stroebe, R. Hansson, W. Stroebe, & H. Schut (Eds.), *Handbook of bereavement research* (pp. 705–738). Washington, DC: American Psychological Association.
- Segal, Z. V., Williams, J. M. G., & Teasdale, J. D. (2002). *Mindfulness based cognitive therapy for depression: a new approach to preventing relapse* (Trad cast: *terapia cognitiva de la depresión basada en la conciencia plena: Un nuevo abordaje para la prevención de recaídas*. Bilbao: Desclée de Brouwer, 2006). New York Guilford.
- Sellick, S., & Crooks, D. (1999). Depression and cancer: an appraisal of the literature for prevalence, detection and practice guideline development for psychological interventions. *Psycho-Oncology*, 8, 315–333.
- Shennan, C., Payne, S., & Fenlon, D. (2011). What is the evidence for the use of mindfulness-based interventions in cancer care? A review. *Psycho-Oncology*, 20, 681–697.
- Siegel, D. J. (1999). *The developing mind: Toward a neurobiology of interpersonal experience* (Trad cast: *la mente en desarrollo*. Bilbao: Desclée, 2007). New York: Guilford.
- Sluzki, C. E. (1992). Transformations: a blueprint for narrative changes in therapy. 1992; 217–223. *Family Process*, 31(3), 217–230.
- Snedker Boman, B. (2011). Narrative therapy. In M. Watsson, & D. Kissane (Eds.), *Handbook of psychotherapy in cancer care*. New York: Wiley and Sons.
- Specia, M., Carlson, L., Goodey, E., & Angen, M. (2000). A randomized, wait-list controlled clinical trial: the effect of a mindfulness meditation-based stress reduction program on mood and symptoms of stress in cancer outpatients. *Psychosomatic Medicine*, 62(5), 613–622.
- Strong, V., Waters, R., Hibberd, C., Murray, G., Wall, L., Walker, J., McHugh, G., Walker, A., Sharpe, M. (2008). Management of depression for people with cancer (SMaRT oncology 1): a randomised trial. *Lancet*, 372, 40–48.
- Tatrow, K., & Montgomery, G. (2006a). Cognitive behavioral therapy techniques for distress and pain in breast cancer patients: a meta-analysis. *Journal of Behavioral Medicine*, 29(1), 17–27.
- Tatrow, K., & Montgomery, G. (2006b). Cognitive behavioral therapy techniques for distress and pain in breast cancer patients: a meta-analysis. *Journal of Behavioral Medicine*, 29(1), 17–27.
- Trask, P. (2004). Assessment of depression in cancer patients. *Journal of the National Cancer*, 32, 80–92.
- Vromans, L. (2007). *Process and outcome of narrative therapy for major depressive disorder in adults*. Queensland University of Technology Brisbane.
- Vromans, L. P., & Schweitzer, R. D. (2011). Narrative therapy for adults with major depressive disorder: improved symptom and interpersonal outcomes. *Psychotherapy Research*, 21(1), 4–15.
- Waldron, W. (2006). On selves and selfless discourse. In M. Unno (Ed.), *Buddhism and psychotherapy across cultures* (pp. 87–105). Boston: Boston Wisdom Publications.
- Wallis, J., Burns, J., & Capdevila, R. (2011). What is narrative therapy and what is it not? The usefulness of Q methodology to explore accounts of White and Epston's (1990) approach to narrative therapy. *Clinical Psychology & Psychotherapy*, 18 (1990), 486–497.
- Watson, M., & Kissane, D. (2011). *Handbook of psychotherapy in cancer care*. New York: Wiley and Sons.
- Watson, M., Homewood, J., Haviland, J., & Bliss, J. (2005). Influence of psychological response on breast cancer survival: 10-year follow-up of a population-based cohort. *European Journal of Cancer Psychooncology*, 41(12), 1710–1714.
- White, M. (2007). *Maps of narrative practice*. New York: WW Norton.
- Worden, J. W. (2000). *Grief counselling and grief therapy. A handbook for the mental health practitioner*. (Third Edn). New York: Springer.
- Zweig, T., Angus, L., Monette, G., Hollis-Walker, L., & Warwar, S. (2011). Narrative and emotion integration in psychotherapy: investigating the relationship between autobiographical memory specificity and expressed emotional arousal in brief emotion-focused and client-centred treatments of depression. *Psychotherapy Research*, 21(1), 16–26.