

CLINICAL PRACTICE

Patrick G. O'Malley, M.D., M.P.H., *Editor*

Prolonged Grief Disorder

Naomi M. Simon, M.D., and M. Katherine Shear, M.D.

This Journal feature begins with a case vignette highlighting a common clinical problem. Evidence supporting various strategies is then presented, followed by a review of formal guidelines, when they exist. The article ends with the authors' clinical recommendations.

A 55-year-old widow presents to her internist 18 months after her husband's sudden cardiac death. Her grief has not abated at all during this time. She is unable to stop thinking about him and is in disbelief that he is gone. The sense of isolation and longing for him has not lifted, even during the celebration of her daughter's recent college graduation. She no longer socializes with other couples because it is a too-painful reminder of her husband's absence. She cries herself to sleep every night, ruminating about how she should have seen his death coming and thinking it would be better if she died too. She has a history of diabetes and two episodes of major depression. Further evaluation is notable for a mildly elevated blood glucose level and weight gain of 4.5 kilograms (10 pounds). How should this patient's grief be evaluated and treated?

From the Department of Psychiatry, New York University Grossman School of Medicine (N.M.S.), Columbia School of Social Work (M.K.S.), and Columbia Vagelos College of Physicians and Surgeons (M.K.S.) — all in New York. Dr. Simon can be contacted at naomi.simon@nyulangone.org or at the Department of Psychiatry, NYU Grossman School of Medicine, 1 Park Ave., New York, NY 10016.

N Engl J Med 2024;391:1227-36.

DOI: 10.1056/NEJMc2308707

Copyright © 2024 Massachusetts Medical Society.

CME



THE CLINICAL PROBLEM

CLINICIANS WHO SEE PATIENTS WHO ARE GRIEVING HAVE AN OPPORTUNITY to be helpful that is often not pursued. Some of these patients have prolonged grief disorder. They have pervasive, intense grief that persists past the time when most bereaved persons have begun to reengage in ongoing life and grief usually subsides. Patients with prolonged grief disorder may present with severe loss-related emotional pain and difficulty envisioning a meaningful future without the deceased person. They may have difficulty with the functions of daily life, and suicidal ideation or behavior may be present. Some believe that the death of someone close means that their own life is over as well, and that there is little or nothing they can do about it. They may be self-critical and think that they need to hide their feelings of grief. Friends and family, frustrated by the patient's continued focus on the deceased person and lack of interest in ongoing relationships and activities, may be telling the patient to “get over it” and move on.

Prolonged grief disorder is a newly classified diagnosis, and information about its symptoms and treatment is not yet widely disseminated. Clinicians may not have the training to recognize prolonged grief disorder or know how to provide efficacious treatment or evidence-guided support. The coronavirus disease 2019 pandemic^{1,2} and the growing amount of literature about the diagnosis³⁻⁷ have increased attention on ways clinicians can identify and address grief and other bereavement-related emotional problems.⁸⁻¹³

Formal diagnostic criteria relating to prolonged grief disorder were added to the *International Classification of Diseases and Related Health Problems, 11th revision (ICD-11)*,¹⁴

KEY POINTS

PROLONGED GRIEF DISORDER

- Prolonged grief disorder is a post-loss stress syndrome in which grief after a death remains intense and preoccupying longer than is expected according to social, cultural, or religious norms (a minimum of 6 months, according to the *International Classification of Diseases and Related Health Problems, 11th revision*, or 12 months, according to the *Diagnostic and Statistical Manual of Mental Disorders, fifth edition*). Persistent, intense yearning, longing, or preoccupation with the deceased person and other grief-related symptoms cause clinically significant distress and impairment.
- An estimated 3 to 10% of persons who are bereaved owing to a death by natural causes have prolonged grief disorder, with substantially higher percentages among persons whose bereavement is caused by death of a child or partner or is the result of a sudden, unexpected death (e.g., violence or suicide).
- A simple patient-reported rating scale can be used to screen and monitor persons with prolonged grief disorder.
- Clinical evaluation of possible prolonged grief disorder should also assess other mental health conditions, including depression, anxiety, post-traumatic stress disorder, alcohol and substance use, suicide risk, and effects of symptoms on social and occupational functioning.
- Evidence-based grief-focused psychotherapies constitute first-line treatment. Antidepressant therapy has not shown efficacy for prolonged grief disorder but can be helpful for managing co-occurring depression symptoms.

by the World Health Organization in 2019 and the *Diagnostic and Statistical Manual of Mental Disorders, fifth edition (DSM-5)*,¹⁵ by the American Psychiatric Association in 2022. Previously used terms include complicated grief, persistent complex bereavement disorder, and traumatic, pathological, or unresolved grief. Prolonged grief disorder symptoms include pervasive intense yearning, longing, or preoccupation with the deceased person accompanied by other persistent intense and pervasive manifestations of grief.

The symptoms of prolonged grief disorder must persist for a minimum period of time (≥ 6 months according to ICD-11 criteria and ≥ 12 months according to DSM-5) and cause clinically significant distress or impaired functioning that exceeds expectations for grief in the context of the patient's cultural, religious, or social community. ICD-11 includes examples of key symptoms of emotional pain, such as sadness, guilt, anger, inability to feel positive emotions, emotional numbness, denial or difficulty in accepting the death, feeling that a part of oneself has been lost, and reduced engagement in social or other activities.¹⁴ The DSM-5 criteria for prolonged grief disorder specifies that at least three of the following eight symptoms be present: intense emotional pain, numbness, intense loneliness, a loss of sense of self (identity disruption), disbelief, avoidance of reminders of the permanence of the loss, trouble reengaging in activities and relationships, and feeling that life is meaningless.¹⁵

Existing surveys suggest that an average of 3 to 10%⁴⁻⁷ of persons bereaved by natural causes have prolonged grief disorder, with rates several times higher among those who lose loved ones to suicide, homicide, accidents, natural disasters, or other sudden, unexpected causes of death.^{7,16,17} Percentages more than twice as high as those reported in the surveys have been reported in studies of data from medical and mental health clinics.^{18,19} Risk factors for prolonged grief disorder and signs that may suggest the presence of the disorder are listed in Table 1.

The permanent loss of someone to whom one is closely attached is highly stressful and produces a wide range of disruptive psychological and social changes to which the bereaved person must adapt.^{20,21} Grief is the universal response to loss, but there is no universal way to grieve or come to terms with a loss. Over time, most bereaved persons find a way to accept the new reality and move forward in their own lives. People usually oscillate between confronting emotional pain and setting it aside as they slowly accommodate to the changes in their life.² As they do so, the intensity of grief subsides, although grief will still escalate intermittently and sometimes intensely, especially at anniversaries and other situations in which reminders of the deceased person are prominent.

For persons with prolonged grief disorder, however, the process of adapting is derailed and

Table 1. Risk Factors and Signs of Prolonged Grief Disorder.

Risk Factors	Examples
Unmodifiable	
Factors present before loss	Previous traumatic stress or traumatic loss, anxiety or overdependence in interpersonal relationships (anxious attachment style), preexisting mental or physical disorders, very close relationship to the deceased person
Circumstances of death	Death was by violent means (e.g., suicide, homicide, accident, natural disaster, or war-related), sudden unexpected medical death (e.g., cardiac arrest or rapidly deteriorating illness), death of a child or young person, death of a spouse or partner
Demographic characteristics of the patient	Female sex, low income level, low educational level
Potentially modifiable	
Factors present before loss	Intensity of anticipatory grief, excessive use of alcohol or other substances, current impairment in mental or physical health, family conflict, social isolation or inadequate or actively unsupportive social network, caregiver burnout, inadequate care or comfort received by terminally ill loved one, experiences of hurtful or insensitive communication from health care team, clergy, or other caregiving professionals
Factors associated with early bereavement	Bereavement-related depression or post-traumatic stress disorder, persistent sleep disturbance, excessive use of alcohol or other substances, current impairment in mental or physical health, serious social or financial consequences related to the death, family conflict, social isolation or inadequate or actively unsupportive social or spiritual network
Indication to screen for prolonged grief disorder or other mental health condition	Persistence of ≥ 6 months in high grief intensity, frequency, and duration that is interfering with functioning; lack of reengagement in activities or relationships (i.e., persistent social isolation or other functional challenges); help-seeking for persistent emotional distress since the death (e.g., sadness, loneliness, guilt or self-blame about the death, anxiety, anger, and other concerning symptoms); hopelessness or suicidal ideation or behaviors since the death; increased use of alcohol or other substances since the death; inattention to self-care; persistent sleep difficulties since the death

grief remains intense and pervasive. Excessive avoidance of reminders of the permanence of the loss and rumination about imagined alternative scenarios are common impediments, as are self-blame and anger, difficulty in regulating emotions, and ongoing stress.²² Prolonged grief disorder is associated with a range of increased medical and psychiatric disorders.^{7,16,23-25} Prolonged grief disorder can bring a person's life to a standstill, make it difficult to form or maintain meaningful relationships, interfere with social and occupational functioning, and engender feelings of hopelessness as well as suicidal ideation and behaviors.^{7,23,26-28}

STRATEGIES AND EVIDENCE

DIAGNOSIS AND EVALUATION

Information about recent bereavement and its effects should be a part of clinical history taking. Tracking the death of a family member or other close relation in the medical record and inquiring how the patient is doing since the death can open a conversation about grief and its frequency, duration, intensity, pervasiveness, and effects on the patient's capacity to function. Clinical evaluation should include a review of physical and emotional symptoms since the death, current and lifetime psychiatric and medical disorders, alcohol

and substance use, suicidal thinking and behaviors, current social support and functioning, treatment history, and a mental-status examination. Prolonged grief disorder should be considered in patients whose grief is substantially affecting their daily life more than 6 months after a death.

Simple, well-validated, patient-rated tools are available for use as brief screening tests for prolonged grief disorder. The simplest is a score higher than 4 on the five-item Brief Grief Questionnaire (range, 0 to 10, with higher total scores suggesting that additional evaluation for the presence of prolonged grief disorder is indicated) (see the Supplementary Appendix, available with the full text of this article at NEJM.org).^{18,29} Alternatively, a score of 30 or higher on the 13-item Prolonged Grief-13-R (range, 10 to 50, with higher scores indicating greater symptom severity) suggests that prolonged grief disorder symptoms as defined by DSM-5 are present; however, a clinical interview is still needed to establish a diagnosis.^{3,12} A score greater than 25 on the 19-item Inventory of Complicated Grief (range, 0 to 76, with higher scores indicating higher levels of prolonged grief symptoms)³⁰ identifies possible problematic grief, and this tool is validated for monitoring change over time. The clinician-rated²⁷ Clinical Global Impression Scale, which focuses on grief-related symptoms, is a simple, effective way to assess changes in grief severity over time.

A clinical interview is recommended in order to make a final diagnosis of prolonged grief disorder, including differential diagnosis and treatment planning (see Table 2 for clinical guidance on loss history and the conduct of a clinical interview for symptoms of prolonged grief disorder). Differential diagnoses for prolonged grief disorder include normal continuing grief as well as other diagnosable mental disorders. Other disorders can coexist with prolonged grief disorder, especially major depression, post-traumatic stress disorder (PTSD), and anxiety disorders; coexisting disorders may also be preexisting, which may increase vulnerability for prolonged grief disorder.^{16,25,31,32} Patient questionnaires can screen for co-occurring conditions, including suicidality. A recommended, widely used measure of suicidal ideation and behavior is the Columbia Suicide Severity Rating Scale (which includes the questions “Have you wished you were dead or

wished you could go to sleep and not wake up?” and “Have you actually had any thoughts of killing yourself?”).³³

There has been confusion in media accounts and among some health care professionals about the difference between prolonged grief disorder and normal continuing grief. This confusion is understandable because persistence of sadness and yearning for the deceased person is usually long-lasting after the death of a loved one, and any of the symptoms of prolonged grief disorder listed in ICD-11 or DSM-5 may persist. Periods of heightened grief commonly occur in waves that are associated with anniversary dates, family holidays, or other reminders of the loss. Activation of emotions, including tearfulness, may occur when patients are asked about the person who died.

Clinicians need to be aware that not all ongoing grief is an indication for a diagnosis of prolonged grief disorder. In prolonged grief disorder, thoughts and feelings about the deceased person and grief-related emotional distress are preoccupying, persistent, intense, and pervasive in a way that interferes with engagement in meaningful relationships and activities, even with people the patient knows and loves.

TREATMENT

The fundamental goals of treatment for prolonged grief disorder are to help the patient learn to accept the permanence of the loss and to restore the capacity to have a meaningful, satisfying life without the deceased person so that yearning and preoccupation with the deceased person subside. Evidence from multiple randomized, controlled trials with active or wait-list control groups (i.e., with randomization to an active intervention or to a waiting list as a comparator) supports the efficacy of short-term, targeted psychotherapy interventions,³⁴⁻⁴⁵ and treatment is strongly recommended. In one meta-analysis of 22 trials involving 2952 participants, there was a moderate-to-large effect on the reduction in grief symptoms associated with grief-focused cognitive behavioral therapy (standardized effect sizes with the use of Hedges' *g* were 0.65 at the end of the intervention and 0.9 at follow-up).⁴⁶

Therapy for prolonged grief focuses on both the acceptance of the loss and restoration of the

Table 2. Clinical Interviewing for Loss History and Symptoms of Prolonged Grief Disorder.

Goal	Example Approaches
Assess grief symptoms and course	
Elicit a loss history	Ask who died, when and how they died, express condolences, learn about the patient's relationship with the deceased person
Ask an open-ended question about grief	"How have things been for you since _____ died?"
Determine how much grief is still a part of everyday life	"Have you noticed any changes in your grief since _____ died?" If yes, inquire how so. If not, ask: "Does it feel as intense and persistent as the first period after the death?"
Inquire about maladaptive rumination	"Is there anything that is troubling you about _____'s death that you haven't been able to resolve?" If yes, ask: "Is it hard to stop thinking about it?"
Find out about avoidance	"Are there things you have stopped doing because it feels too painful to do them without _____?" If yes, ask: "Do you feel like this is interfering with your life?" If yes, ask: "Are you on a pathway to start doing them again?"
Gauge support from family and friends	"Do you have someone you can talk to when you want to share your feelings about _____?" and "Do you feel you are getting the support you need?"
Use questions or validated clinical interview tool to assess possibility of prolonged grief disorder	
Yearning, longing, or preoccupation with the deceased person	"How much are you yearning or longing for _____?" and "How much is _____ on your mind during the day?" and "Do you feel preoccupied by thoughts or feelings about _____?"
Emotional numbness or intense emotional pain related to the death	"Have you been feeling intense emotional pain — such as intense sadness, anger, anxiety, guilt, or shame — since _____ died?" or, if the opposite is true, "Have you been feeling emotionally numb?" If yes, ask: "Has this been interfering with your life?"
Marked sense of disbelief about the death	"Have you felt like it's really hard to believe that _____ is gone and not coming back — like you can't really wrap your mind around it or believe it's really true?"
Identity disruption (feeling like a part of oneself has died)	"Have you had the feeling that you are not the same since _____ died, like a part of yourself died with them and that it feels like you don't know who you are anymore?"
Difficulty reintegrating into relationships and activities	"Have you been less connected with friends or family, or planning or engaging in fewer activities or interests since the loss?" and "Has it been hard to feel comfortable with your friends and family, to be a part of social groups, or to feel really engaged in doing things?"
Avoidance of reminders that the person is dead	"Are there things you avoid or try to avoid because they feel too painful without _____ or because they remind you of your loss?" If so, ask: "Can you give me some examples?" and "Does this interfere with your life or your ability to do things or to be with people?"
Sense that life is meaningless	"Have you been feeling like you're not sure if you really care about things or whether you matter or belong anymore?" and "Have you been feeling like your life is empty or meaningless?"
Intense loneliness	"Have you had strong feelings of loneliness, like you are all alone in the world?" If yes, ask: "Is this because you are spending a lot more time alone since _____ died, or do you feel this way even when you are with other people?"

capacity to thrive. Prolonged-grief therapy is an integrated treatment that emphasizes active empathic listening and includes components of motivational interviewing, interactive psychoeducation, and a series of experiential activities administered in a planned order across 16 weekly sessions. This approach was the first treatment

developed for prolonged grief disorder and currently has the strongest evidence base.^{27,34,35} Several grief-focused cognitive behavioral therapies that involve a similar approach have also shown efficacy.^{36-38,40-45}

The main focus of interventions for prolonged grief disorder is to facilitate acceptance

Table 3. Common Components of Evidence-Based Therapies for Prolonged Grief Disorder.

Key Components	Examples of Techniques	Goal
Therapeutic alliance	Active empathic listening; validation, support, and guidance	Help patient feel understood, supported, and comfortable about engaging in grief treatment
Psychoeducation and treatment rationale	Psychoeducation provided in a collaborative, interactive way; planned activities between sessions to promote experiential learning	Promote cognitive and experiential understanding of grief, prolonged grief disorder, adaptation to loss, and treatment components
Promoting patient awareness of grief and its natural oscillation	Daily grief monitoring — rating and recording daily highest and lowest levels of grief	Promote understanding of grief and associated triggers; support natural oscillation in the intensity of grief
Reactivating capacity to thrive by means of personal interests, values, and future goals	Identify intrinsic interests and values, and identify a long-term goal that connects with these; motivational interviewing; behavioral activation; scheduled pleasurable activity	Build sense of competence in the context of the loss; enhance motivation, positive emotions, and capacity for envisioning an enjoyable, meaningful life without the deceased person
Strengthening social relationships	Engage friend or family member in psychoeducation and plan for treatment; identify grief-related challenges to existing or new connections	Increase empathic support for treatment; enhance capacity for close relationships and social activity without the deceased person
Facilitating understanding of the death	Procedures to tell the story of the death repeatedly and to process it; also called “exposure”	Create a cohesive narrative and integrate permanence of death in memory; process sticking points (“derailers”) related to the circumstances of the death
Addressing maladaptive thoughts	Identify maladaptive thoughts about grief and the nature of the loss; cognitive restructuring	Reduce ruminations, guilt, self-blame, and hopelessness; reduce negative interpretations of grief manifestations
Addressing excessive avoidance behavior	Establish list of avoided activities or reminders of the loss; planned exercises with regard to a return to avoided situations	Reduce excessive avoidance while supporting coping strategies and the natural healthy oscillation of grief
Connecting with the deceased person	Letter-writing or role-play conversation with the deceased person; pose questions to review memories of the deceased	Promote sense of connection to the deceased person in the context of the loss; address unresolved issues; enable access to positive and negative memories
Managing future risk	Discuss and plan for grief manifestations, triggers, or anniversary dates in the future	Relapse prevention

of the reality of the loss and address impediments. Most interventions also include a means to help patients restore their capacity for well-being (e.g., identifying a strong interest or core value and supporting engagement in an activity related to it). Table 3 describes the components and goals of these treatments.

Three randomized, controlled trials have assessed prolonged-grief therapy as compared with an efficacious treatment for depression and all showed prolonged-grief therapy to be significantly superior. After pilot results suggested that prolonged-grief therapy was superior to interpersonal therapy for depression,³⁹ the first randomized trial confirmed this result and showed a

clinical response, defined as “much improved” or “very much improved” on a Clinical Global Impression Scale, of 51% with prolonged-grief therapy as compared with 28% with interpersonal therapy ($P=0.02$).³⁵ A second trial replicated this finding in older adults (mean age, 66 years) with responses seen in 71% with prolonged-grief therapy and 32% with interpersonal therapy ($P<0.001$).³⁴

A third trial²⁷ was a four-site study evaluating the antidepressant citalopram as compared with placebo when administered with prolonged-grief therapy or with grief-informed clinical management; prolonged-grief therapy plus placebo response (83%) was superior to both citalopram

Table 4. Simple Interventions to Support Grieving Patients.

Step	Action
Build a relationship with the patient	Show interest in the patient's relationship with their deceased loved one; listen to their stories (and share your own, if you knew the person); provide validation, support, and guidance as they move forward in adapting to the loss. Schedule sessions weekly or every 2 weeks for as long as needed (e.g., 3 to 6 mo), making adjustments as the patient progresses.
Psychoeducation about grief	Explain that grief is the natural response to loss and that there is no right or wrong way to grieve. Grief subsides as a bereaved person adapts to a world changed by the loss by changing expectations, thoughts, and behaviors to learn to live without the deceased person. Adaptation is most successful when there is natural oscillation between paying attention to the painful reality and setting it aside. If relevant, explain the diagnosis of prolonged grief disorder and emphasize that it is a common condition that represents challenges to natural adaptation to loss and that it is treatable. Help the patient find ways to share this information with family members and friends.
Grief monitoring	Encourage the patient to keep a log of their daily grief levels rated on a scale of 1 (lowest) to 10 (greatest) and to note what was happening at the times of the greatest and least grief.
Simple rewarding activities	Encourage the patient to make a list of simple rewarding activities, do one every day, and to think of this exercise as a daily ritual.
Narrative of the death	Invite the patient to tell you how they learned about their loved one's death and what it was like for them.
Approach to reminders of the deceased person	Gently encourage the patient to consider trying things they are avoiding; suggest they try an activity that is challenging but doable; gently encourage them to find ways to share the experience with a supportive person.
Social connection	Inquire about social interaction and closeness; gently encourage reaching out and sharing current grief-related challenges with a previously supportive friend or family member.

(69%) ($P=0.05$) and placebo (54%) ($P<0.01$) administered with grief-informed clinical management. In addition, there was no difference between citalopram and placebo when administered with grief-informed clinical management or with prolonged-grief therapy.²⁷ However, citalopram plus prolonged-grief therapy, but not citalopram with grief-informed clinical management, significantly reduced co-occurring depressive symptoms.²⁷

Prolonged-grief therapy integrates strategies from prolonged-exposure therapy used in patients with PTSD (an approach that encourages processing of the loss and decreasing avoidance)⁴⁷ in a model to address prolonged grief as a post-loss stress disorder. The intervention also includes procedures to strengthen relationships, work within personal values and goals, and enhance a sense of connection to the deceased person. Some data suggest that cognitive behavioral therapy for PTSD without a grief focus may be less effective,⁴⁸ and exposure-like strategies

similar to PTSD probably act by means of a different mechanism in prolonged grief disorder.⁴⁹ Several grief-focused therapies that use similar cognitive behavioral therapy approaches have shown efficacy in prolonged grief disorder in both individual^{36,37} and group^{38,40} approaches, as well as in children.⁴¹

For clinicians unable to provide an evidence-based treatment, we would recommend that they seek a referral if possible and follow the patient weekly or every other week for as long as needed, using simple supportive, grief-focused interventions (Table 4). Telemedicine and patient self-guided online treatment approaches may also be effective ways to improve access, although the self-guided approach has been studied with asynchronous therapist support,⁴²⁻⁴⁵ which may be necessary to optimize results. For patients who do not have a response to evidence-based psychotherapy for prolonged grief disorder, a reassessment is indicated to identify medical or psychiatric conditions that may account for the symptoms,

especially symptoms that may successfully be addressed with targeted intervention, such as PTSD, depression, anxiety, sleep disorders, and substance use disorders.

For patients with mild or subthreshold symptoms and those who are not yet able to access evidence-based treatments for prolonged grief disorder, clinicians can help by using a supportive grief-management approach. Suggestions for simple ways to use components of such treatments are listed in Table 4.

Empathic listening and normalization of grief are core basic approaches. Psychoeducation to explain prolonged grief disorder, its relationship to usual grief, and approaches that can help is often reassuring to the patient and can assist them in feeling less alone and more hopeful that help is available. Inclusion of a family member or close friend in psychoeducation about prolonged grief disorder can increase that person's capacity to provide support and empathy to the patient.

Clear communication that the goal is to facilitate the natural process of learning to live without the deceased loved one and resolution of issues interfering with this process may help engage patients in care. Clinicians can encourage patients and their families to accept grief as a natural response to loss rather than suggesting that grieving should be over. It is important not to drive a patient away from care by engendering fear that they are being asked to forget, move on, or leave their loved one behind. They can be helped to see that working toward adapting to their loss can reduce the intensity of their grief and can support a more satisfying sense of ongoing connection with the deceased person.

AREAS OF UNCERTAINTY

There is not yet sufficient neurobiologic research to elucidate pathogenic mechanisms for prolonged grief disorder and no medication or other neurophysiologic treatment has yet proved to be efficacious for prolonged grief disorder symptoms in prospective clinical trials, nor have medications been adequately tested yet. Only one prospective, randomized, placebo-controlled study of a medication was found in the literature, and as previously discussed, it did not show efficacy of citalopram for the treatment of symptoms of prolonged grief disorder, although when combined with prolonged-grief therapy,

citalopram did show greater efficacy for coexisting depression symptoms. Clearly more research is needed.²⁷

Adequately powered trials with appropriate controls are needed to establish efficacy for digital treatments. In addition, prevalence rates for the diagnosis of prolonged grief disorder remain uncertain because epidemiologic studies with consistent criteria have not been available and because rates vary widely depending on the circumstances of the death.

GUIDELINES

Although diagnostic criteria for prolonged grief disorder are now found in ICD-11 and DSM-5, and a substantial literature on efficacious treatments exists,⁴⁶ formal guidelines for the treatment of this disorder are not yet available.

CONCLUSIONS AND RECOMMENDATIONS

The presentation of the patient described in the vignette is typical of prolonged grief disorder in that she presented with grief of persistently high intensity, feelings of self-blame, avoidance of loss reminders, social isolation, and feelings of intense loneliness and hopelessness. The sudden death of her spouse, previous episodes of depression, and physical illness are each risk factors for prolonged grief disorder, and most of the signs listed in Table 1 are present. We would conduct a loss and grief history, including changes in sleep, eating, and level of physical activity, and a diagnostic interview for prolonged grief disorder (Table 2), major depressive disorder, and PTSD as part of a clinical assessment.

If prolonged grief disorder is confirmed by an interview, we would offer the patient (or refer her for) evidence-based psychotherapy³⁴⁻⁴⁵ as the first-line treatment. We would provide psychoeducation about prolonged grief disorder and the treatment options for the disorder, providing hope that treatment can help the patient accept this reality in a way that allows her to continue to honor her spouse and her own life. The treatment components (Table 3) would help her understand and accept grief, address maladaptive self-blaming thoughts, help her narrate a coherent story of her husband's death, resume activities she has been avoiding, and restore a sense

of connection to her husband through her memories. We would work with her to reconnect to her interests and values, sense of competence, and social relationships so that she can feel joy and satisfaction in her life again. If clinically significant depressive symptoms are also elicited, we

would prescribe an antidepressant. We would also address unhealthy sleep and eating habits, her level of physical activity, and her weight and diabetes management, which may be affected by grief.

Disclosure forms provided by the authors are available with the full text of this article at NEJM.org.

REFERENCES

- Harpop E, Medeiros Mirra R, Goss S, et al. Prolonged grief during and beyond the pandemic: factors associated with levels of grief in a four time-point longitudinal survey of people bereaved in the first year of the COVID-19 pandemic. *Front Public Health* 2023;11:1215881.
- Stroebe M, Schut H. Bereavement in times of COVID-19: a review and theoretical framework. *Omega (Westport)* 2021; 82:500-22.
- Prigerson HG, Boelen PA, Xu J, Smith KV, Maciejewski PK. Validation of the new DSM-5-TR criteria for prolonged grief disorder and the PG-13-Revised (PG-13-R) scale. *World Psychiatry* 2021;20:96-106.
- Lundorff M, Holmgren H, Zachariae R, Farver-Vestergaard I, O'Connor M. Prevalence of prolonged grief disorder in adult bereavement: a systematic review and meta-analysis. *J Affect Disord* 2017; 212:138-49.
- Rosner R, Comtesse H, Vogel A, Doering BK. Prevalence of prolonged grief disorder. *J Affect Disord* 2021;287:301-7.
- Kersting A, Brähler E, Glaesmer H, Wagner B. Prevalence of complicated grief in a representative population-based sample. *J Affect Disord* 2011;131:339-43.
- Na PJ, Fischer IC, Shear KM, Pietrzak RH. Prevalence, correlates, and psychiatric burden of prolonged grief disorder in US Military veterans: results from a nationally representative study. *Am J Geriatr Psychiatry* 2023;31:543-8.
- Simon NM, Saxe GN, Marmar CR. Mental health disorders related to COVID-19-related deaths. *JAMA* 2020;324:1493-4.
- Shear MK. Complicated grief. *N Engl J Med* 2015;372:153-60.
- Simon NM. Treating complicated grief. *JAMA* 2013;310:416-23.
- Bui E, Nadal-Vicens M, Simon NM. Pharmacological approaches to the treatment of complicated grief: rationale and a brief review of the literature. *Dialogues Clin Neurosci* 2012;14:149-57.
- Prigerson HG, Shear MK, Reynolds CF III. Prolonged grief disorder diagnostic criteria — helping those with maladaptive grief responses. *JAMA Psychiatry* 2022;79:277-8.
- Appelbaum P, Yousif L. Prolonged grief disorder. Washington, DC: American Psychiatric Association, May 2022 (<https://www.psychiatry.org/patients-families/prolonged-grief-disorder>).
- International classification of diseases, 11th revision. Geneva: World Health Organization, 2018.
- Diagnostic and statistical manual of mental disorders, 5th ed. text rev.: DSM-5-TR. Washington, DC: American Psychiatric Association Publishing, 2022.
- Buur C, Zachariae R, Komischke-Konnerup KB, Mareello MM, Schierff LH, O'Connor M. Risk factors for prolonged grief symptoms: a systematic review and meta-analysis. *Clin Psychol Rev* 2024;107: 102375.
- Djelantik AAAMJ, Smid GE, Mroz A, Kleber RJ, Boelen PA. The prevalence of prolonged grief disorder in bereaved individuals following unnatural losses: systematic review and meta regression analysis. *J Affect Disord* 2020;265:146-56.
- Patel SR, Cole A, Little V, et al. Acceptability, feasibility and outcome of a screening programme for complicated grief in integrated primary and behavioural health care clinics. *Fam Pract* 2019; 36:125-31.
- Piper WE, Ogrodniczuk JS, Azim HF, Weideman R. Prevalence of loss and complicated grief among psychiatric outpatients. *Psychiatr Serv* 2001;52:1069-74.
- Shear K, Shair H. Attachment, loss, and complicated grief. *Dev Psychobiol* 2005;47:253-67.
- Hofer MA. Hidden regulators in attachment, separation, and loss. *Monogr Soc Res Child Dev* 1994;59:192-207.
- Lechner-Meichsner F, Mauro C, Skritskaya NA, Shear MK. Change in avoidance and negative grief-related cognitions mediates treatment outcome in older adults with prolonged grief disorder. *Psychother Res* 2022;32:91-103.
- Prigerson HG, Bierhals AJ, Kasl SV, et al. Traumatic grief as a risk factor for mental and physical morbidity. *Am J Psychiatry* 1997;154:616-23.
- Parisi A, Sharma A, Howard MO, Blank Wilson A. The relationship between substance misuse and complicated grief: a systematic review. *J Subst Abuse Treat* 2019;103:43-57.
- Simon NM, Shear KM, Thompson EH, et al. The prevalence and correlates of psychiatric comorbidity in individuals with complicated grief. *Compr Psychiatry* 2007;48:395-9.
- Szanto K, Shear MK, Houck PR, et al. Indirect self-destructive behavior and overt suicidality in patients with complicated grief. *J Clin Psychiatry* 2006;67:233-9.
- Shear MK, Reynolds CF III, Simon NM, et al. Optimizing treatment of complicated grief: a randomized clinical trial. *JAMA Psychiatry* 2016;73:685-94.
- Ahn SY, Yu S, Kim JE, Song IH. The relationship between suicide bereavement and suicide ideation: analysis of the mediating effect of complicated grief. *J Affect Disord* 2023;331:43-9.
- Shear KM, Jackson CT, Essock SM, Donahue SA, Felton CJ. Screening for complicated grief among Project Liberty service recipients 18 months after September 11, 2001. *Psychiatr Serv* 2006;57: 1291-7.
- Prigerson HG, Maciejewski PK, Reynolds CF III, et al. Inventory of complicated grief: a scale to measure maladaptive symptoms of loss. *Psychiatry Res* 1995; 59:65-79.
- Djelantik AAAMJ, Smid GE, Kleber RJ, Boelen PA. Do prolonged grief disorder symptoms predict post-traumatic stress disorder symptoms following bereavement? A cross-lagged analysis. *Compr Psychiatry* 2018;80:65-71.
- Lenger MK, Neergaard MA, Guldin MB, Nielsen MK. Poor physical and mental health predicts prolonged grief disorder: a prospective, population-based cohort study on caregivers of patients at the end of life. *Palliat Med* 2020;34:1416-24.
- Posner K, Brown GK, Stanley B, et al. The Columbia-Suicide Severity Rating Scale: initial validity and internal consistency findings from three multisite studies with adolescents and adults. *Am J Psychiatry* 2011;168:1266-77.
- Shear MK, Wang Y, Skritskaya N, Duan N, Mauro C, Ghesquiere A. Treatment of complicated grief in elderly persons: a randomized clinical trial. *JAMA Psychiatry* 2014;71:1287-95.
- Shear K, Frank E, Houck PR, Reynolds CF III. Treatment of complicated grief: a randomized controlled trial. *JAMA* 2005; 293:2601-8.
- Boelen PA, de Keijser J, van den Hout MA, van den Bout J. Treatment of complicated grief: a comparison between cognitive-behavioral therapy and supportive counseling. *J Consult Clin Psychol* 2007; 75:277-84.
- Rosner R, Pfoh G, Kotoučová M, Hagl M. Efficacy of an outpatient treatment for prolonged grief disorder: a randomized controlled clinical trial. *J Affect Disord* 2014;167:56-63.

38. Bryant RA, Kenny L, Joscelyne A, et al. Treating prolonged grief disorder: a randomized clinical trial. *JAMA Psychiatry* 2014;71:1332-9.
39. Shear MK, Frank E, Foa E, et al. Traumatic grief treatment: a pilot study. *Am J Psychiatry* 2001;158:1506-8.
40. Lacasta MA, Cruzado JA. Effectiveness of a cognitive-behavioral group therapy for complicated grief in relatives of patients with cancer: a randomized clinical trial. *Palliat Support Care* 2023 February 24 (Epub ahead of print).
41. Boelen PA, Lenferink LIM, Spuij M. CBT for prolonged grief in children and adolescents: a randomized clinical trial. *Am J Psychiatry* 2021;178:294-304.
42. Acierno R, Kauffman B, Muzzy W, Tejada MH, Lejuez C. Behavioral activation and therapeutic exposure vs. cognitive therapy for grief among combat veterans: a randomized clinical trial of bereavement interventions. *Am J Hosp Palliat Care* 2021;38:1470-8.
43. Wagner B, Maercker A. A 1.5-year follow-up of an Internet-based intervention for complicated grief. *J Trauma Stress* 2007;20:625-9.
44. Kaiser J, Nagl M, Hoffmann R, Linde K, Kersting A. Therapist-assisted web-based intervention for prolonged grief disorder after cancer bereavement: Randomized controlled trial. *JMIR Ment Health* 2022;9(2):e27642.
45. Treml J, Nagl M, Linde K, Kündiger C, Peterhänsel C, Kersting A. Efficacy of an Internet-based cognitive-behavioural grief therapy for people bereaved by suicide: a randomized controlled trial. *Eur J Psychotraumatol* 2021;12:1926650.
46. Komischke-Konnerup KB, Zachariae R, Boelen PA, Mareello MM, O'Connor M. Grief-focused cognitive behavioral therapies for prolonged grief symptoms: a systematic review and meta-analysis. *J Consult Clin Psychol* 2024;92:236-48.
47. Foa E, Hembree EA, Rothbaum BO, Rauch S. Prolonged exposure therapy for PTSD: emotional processing of traumatic experiences — therapist guide. New York: Oxford University Press, 2019.
48. Simon NM, Hoepfner SS, Lubin RE, et al. Understanding the impact of complicated grief on combat related post-traumatic stress disorder, guilt, suicide, and functional impairment in a clinical trial of post-9/11 service members and veterans. *Depress Anxiety* 2020;37:63-72.
49. Bryant RA, Azevedo S, Yadav S, et al. Habituation of distress during exposure and its relationship to treatment outcome in post-traumatic stress disorder and prolonged grief disorder. *Eur J Psychotraumatol* 2023;14:2193525.

Copyright © 2024 Massachusetts Medical Society.

MY NEJM IN THE JOURNAL ONLINE

Individual subscribers can store articles and searches using a feature on the *Journal's* website (NEJM.org) called "My Account." Each article and search result links to this feature. Users can create personal folders and move articles into them for convenient retrieval later.