NEJM CareerCenter Career Guide

Physician jobs from the New England Journal of Medicine • November 2024



INSIDE

Career: Knowing Your Worth in the Physician Job Market.

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The latest physician jobs brought to you by the NEJM CareerCenter

Residents and Fellows Edition



November 14, 2024

Dear Physician:

As a resident nearing completion of your training, I'm sure that finding the right employment opportunity is a top priority for you. The *New England Journal of Medicine* (NEJM) is the leading source of information about job openings, especially practice opportunities, in the United States. To assist you with this important search, a complimentary reprint of the classified advertising section of the November 14, 2024, issue is enclosed.

The NEJM CareerCenter website (NEJMCareerCenter.org) offers confidentiality safeguards that keep your personal information and job searches private, and the flexibility to search for both permanent and locum tenens positions in your chosen specialty and desired geographic location.

At NEJM CareerCenter, you will find:

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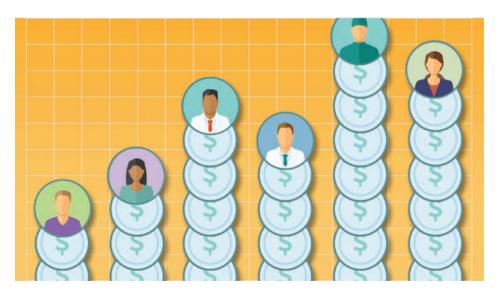
A career in medicine is challenging, and current practice leaves little time for keeping up with advances. If you are not currently an NEJM subscriber, I invite you to become one. NEJM offers you the information you will use daily as you see patients — presented in a clinically useful format. You'll find plain language summaries and NEJM Quick Take video overviews of original research articles. Case-based articles like Images in Clinical Medicine, Interactive Medical Cases, and Clinical Problem-Solving will help you to keep your diagnostic skills sharp. Clinical Practice articles are evidence-based reviews of topics relevant to practicing physicians. Read "Prolonged Grief Disorder" from the October 3, 2024, issue, which is included as a reprint in this special booklet.

On behalf of the entire New England Journal of Medicine staff, please accept my wishes for a rewarding career.

Sincerely,

Eric J. Rubin, MD, PhD





Knowing Your Worth in the Physician Job Market

By Nisha Mehta, MD, a physician leader whose work focuses on physician empowerment, community building, and career longevity in medicine

One thing physicians seldom do in the training setting is talk about money. Between daily clinical responsibilities and call, a never-ending amount of information to learn, and doing your best to keep up with the other aspects of your life, most of us would agree we're in survival mode for most of our residency and fellowship. Learning the business and financial aspects of a life in medicine doesn't usually make it to the priority list.

Consequently, as the end of training approaches, most physicians find themselves overwhelmed with the prospect of finding a job, and underprepared for negotiations. Many just feel grateful to have come to the conclusion of a long journey. After years of being paid a very low hourly rate and (on average) holding substantial six-figure debt, it's tempting to just be happy with the positive cash flow.

Not doing the requisite research before talking about numbers will almost always work against you. I routinely find myself encouraging physicians to know their worth — not just because I think physicians have the expertise to warrant earnings that reflect it, but because career longevity and job

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satisfaction are closely intertwined with feeling valued. When I counsel early-career physicians who are dissatisfied, this is often the reason they end up seeking other opportunities within the first five years out of practice.

As salary transparency is not commonplace in medicine, trainees (and their older counterparts as well, for that matter) often don't know how to evaluate offers or know what reasonable expectations are. This is a significant disadvantage at the negotiating table, and why physicians must put the research into figuring out their market value.

Many mistakenly assume that knowing your worth means simply looking at widely cited compensation databases such as Medical Group Management Association (MGMA) and Association of American Medical Colleges (AAMC). These are available for purchase or may be available from your hospital libraries or your contract attorney. Although a great place to start, it's important to take this data into context. Compare not only the salary numbers, but the actual compensation per RVU. Know that this can range widely even within the same region of the United States depending on exact location, type of practice, stage of practice, how competitive the job market is, and a host of other factors. You should dig deeper. If the job is at an institution where compensation data is published, such as state and government organizations, look up the salaries of other physicians there. Ask your medical school classmates, mentors, training program alumni, and other physicians in your network who may have knowledge of or connections within the pertinent market.

Importantly, realize there is a lot of work that you do that may not be reflected in RVUs. This may take the form of call responsibilities, teaching or research expectations, or administrative duties. These are all things that contribute to your worth to an employer, and should be factored in when calculating your market value.

Next, it's important to do your research on the employer. Do you have a particular skill they are in need of? Some skills that may strengthen your bargaining position include fluency in a foreign language, procedural skills, the potential to attract certain patient populations, or the ability to develop a niche that the practice does not currently offer.

Finally, utilize a contract attorney, ideally one that is experienced with physician contracts. Many trainees are hesitant to spend the money, but having the objective feedback on how your deal compares to others is well worth it. Oftentimes, they will be able to point out areas where you

should ask for more, give feedback on things like partnership and bonus structures, and protect you from expensive mistakes. After all that you've spent to get to this point, it's a worthwhile investment to make sure your contract is fair and in your best interest.

In every negotiation, both sides will understandably try their hardest to get the best deal for themselves. This is a business transaction, and should be approached as such. There will be give and take on both sides, but having a solid understanding of your worth will empower you to advocate for it. And remember...if you don't ask, you won't get.

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NEJM CareerCenter



Creating a Physician CV That Shines

Simple format, brevity, and absolute accuracy — and avoiding including extraneous details — are musts.

By Bonnie Darves

Physician residents and fellows who start writing their curriculum vitae (CV) usually approach the task expecting that it will be a straightforward matter of letting the world know where they've been and what they've done, in a document that is about three pages in length. In theory, that's about right. In practice, however, many young physicians, especially those about to launch their first job search, quickly find themselves sweating the details. They wrestle with how much detail to include and how to structure their CV as the selling tool they intend it to be: a document that sets them apart from the crowd.

Fretting a bit about getting it right is not a bad thing, say recruiters and physicians who are on the receiving end and who review scores of CVs each year. Too often, young physicians don't take the time to ensure that their CV is not only polished and error-free, but also an accurate reflection of important accomplishments that prospective employers care about.

John D. "Jack" Buckley, MD, vice chair for education in the department of medicine at Indiana University School of Medicine, frequently encounters CVs that leave out the kinds of details that might be differentiators:

committee work, quality-improvement initiative involvement, medical student teaching or mentoring, or even assistance on a hospital IT project.

"Ideally, everything that is on your work calendar should be on your CV, and there should be a brief description and timeline of those roles or assignments," said Dr. Buckley. In his experience, residents usually include their research work but sometimes leave out these kinds of quasi-extracurricular activities, thus missing an opportunity to demonstrate their willingness to go above and beyond what's required of them.

Sapna Kuehl, MD, director of the internal medicine residency at Saint Agnes Healthcare in Baltimore, Maryland, also urges physicians to briefly describe their roles in committee, task force, or initiative work, and associated accomplishments. "People who are hiring physicians out of training are looking for evidence of dedication and persistence," she said.

Format: keep it simple

Choosing a CV format is perhaps the easiest aspect of preparing a professional-looking CV. Examples abound online, and most training programs provide a recommended template for physicians seeking structure guidance. The basic content and suggested order of information appearance, for trainees seeking an initial practice opportunity, are as follows:

- · Name and contact information
- Education, undergraduate through internships, residencies, and fellowships including specific clinical roles and any leadership roles
- Licensure (status of applications planned or underway, if any)
- · Board certification or status
- Professional experience (medicine-related only), including procedure and patient volumes, if/as applicable to the specialty, and administrative roles or duties
- Activities and committee memberships, including roles and brief descriptions of associated accomplishments
- · Honors, awards, and professional affiliations
- Publications and presentations

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Career Resources articles posted

All dated entries should be chronologically arranged on the page from present to past, in a month/year format. Physicians should be prepared to explain any gap of more than three months in a conversation or a cover letter, all sources agreed, and should never attempt to "fudge" or cover up a gap. "A gap can be a red flag to a recruiter, even if the reason is completely understandable," said Laura Schofield, a recruiter with Boston-based Atrius Health, which employs approximately 950 physicians.

Christopher Shireman, who is chief executive officer of Western Neurosurgery Ltd., in Tucson, Arizona, and has vetted scores of physician candidates over his 20 years in health care leadership, expects physicians to explain any sizable timeline gaps in an accompanying cover letter, not in the body of the CV. "I had one candidate who had a one-year gap before medical school, who spent that year working in an emergency room. In another case, the candidate took off a year during training to take care of his dying mother," Mr. Shireman said. "Most of the time, it's just a matter of letting people know why there's a gap."

Regarding date and timeline entries, physicians should doublecheck all dates before finalizing the document and ensure that the CV is up to date, according to Jeffery Johns, MD, medical director of the Vanderbilt Stallworth Rehabilitation Hospital in Nashville, Tennessee. "It's important that your CV is up to date as of the day you send it. If you have an entry that reads '2013–present,' for example, ensure that's correct," said Dr. Johns. Failing to address such an important detail reflects poorly on the physician. "When I review CVs, I am looking for meticulous attention to detail."

The CV should be rendered in a simple sans serif font in an easily readable font size — at least 11 or 12 points — and physicians should stick to a single font and size, and a very simple presentation format. "Remember that this is not an art contest," Dr. Buckley said.

Brenda Reed, who is director of physician and medical staff recruitment at Atrius Health, considers a "busy" CV — one with several fonts or font sizes, or documents that contain graphics — not only annoying but also cause for mild suspicion. It can give the impression that the physician is trying too hard. "I have seen a beautiful CV hide a candidate who had serious performance issues or other problems, so I am a bit wary when I see a fancy CV," she said.

In that same vein, Dr. Johns recommends that physicians who are preparing hard copies of their CVs to hand out at conferences or job fairs use a

decent-quality paper stock — something slightly heavier than 20 lb. bond copier paper — but nothing dense, elaborate, or textured.

Keep recipient in mind

Rita Essaian, DM, MHA, executive administrator, human resources, at the Southern California Permanente Medical Group (SCPMG), which employs more than 9,000 physicians, stresses the importance of ensuring that the CV is error-free and professional in appearance. "The CV should be crisp, clean, and clearly written — no grammar or spelling errors — but also succinct," Ms. Essaian said. SCPMG hired between 500 and 900 physicians annually in the past three years, and its recruiters receive more than 4,000 CVs in a given year, she explained. A recent cardiology position posting, for example, attracted 100 CVs. Given such volume, a physician whose CV is illegible, error-ridden, or difficult to follow might not make the first cut.

"Physicians should always have their CVs reviewed and proofread before sending them," Ms. Essaian said. She added that potential candidates reaching out about a particular posted position should also ensure that the CV and cover letter clearly indicate relevance to the position of interest. The recruiters who do the initial screening, she said, will first match CVs to posted opportunities, and also screen on the basis of criteria the department chief provides before forwarding CVs to reviewing physicians.

Dr. Buckley agreed. "Residents and fellows should always have someone they trust review their CV draft," he said. Several sources recommended that trainees whose first language is not English should seek professional help crafting and polishing the document if such services are not readily available through their program.

Physicians should also pay attention to seemingly minor formatting details that, if not handled properly, could frustrate potential readers who review scores of CVs as part of their job. Page numbers and an identifying footer including the physician's name should appear on all pages. Further, ensure that the document's file name isn't cryptic, urges Ms. Reed. "One of my pet peeves is when candidates send a perfectly lovely CV, but then name the file 'myCV.' Always think about how something will be received on the other end," she said, because attachments can and do get separated from the email message. She and other sources gave their votes to file names that start with the physician's last name, followed by first name.

Finally, it's advisable to prepare the CV in PDF format. That's not a guarantee that the CV won't be altered by a recipient — unfortunately, this does happen, recruiters said. Using a PDF is a deterrent, at least, because someone who decides to alter the document for whatever reason would have to first go through the trouble of converting it to another file format.

What to include, or possibly exclude

Regarding information that should not be included in the physician CV, sources interviewed for this article had mixed opinions in some cases. Most sources advised against residents including a career statement or job objective at the top, below contact details. That information is usually more appropriate for a cover letter or accompanying email note, unless its inclusion in the CV is requested.

There might be exceptions, however, depending on the employer. The Permanente medical groups' recruiters and physician reviewers appreciate seeing a brief opening statement in a CV, especially if the physician has been in practice for several years. "In those cases, we really like to see a half-page career summary on the first page," Ms. Essaian said. Another reasonable exception, several sources acknowledged, might be for internal medicine physicians who know that they only want a hospitalist position, not an outpatient practice job.

Regarding whether cover letters or explanatory notes should be supplied with CVs, the general consensus was that doing so is usually helpful and is definitely in the category of "can't hurt." At the very least, the accompanying document provides an opportunity for the physician to state why she or he is interested in either the organization or a posted position.

Dr. Kuehl, who favors a brief personal statement or cover letter, advises that the document should be employer focused. "It shouldn't be too 'I' focused," she said. "It's an opportunity to talk about what you would bring to the organization that might distinguish you from other candidates — such as work in population management, IT expertise, patient counseling skills, or practice improvement experience," she said.

Ms. Essaian noted that her organization also likes to see evidence in the cover letter that the candidate has gone to the effort to learn something about Kaiser Permanente health plan and its medical groups, which are independent entities that care for health plan members.

Sources offered mixed opinions on whether to include test scores. The general consensus was that unless the scores are very high, such as 220 or higher on the USMLE, it's best not to include them.

Some recruiters and physicians favored a final section that lists personal interests and hobbies; others considered such detail extraneous. Ms. Essaian, for instance, said that her organization prefers not to see any personal details. Those who voted for including personal interests stressed the importance of employing brevity — two lines at most — and, of course, using good judgment in choosing what to reveal.

"I appreciate knowing a little bit about physician candidates' interests — if they like hiking or snorkeling or skiing, for example, because that often helps with icebreakers and gives me a sense of who they are," said Ms. Reed.

In the hobbies category, short-and-sweet is a must, according to Janet Jokela, MD, MPH, acting regional dean at the University of Illinois College of Medicine at Urbana. "I counsel residents that they don't need to include their interests. But if they do, it should be a simple, short list, separated by commas, with no explanatory detail," she said. "A resident who once asked me to review his CV draft had included three sentences on his basement home-brewing operation — not advisable."

Mr. Shireman, who has reviewed numerous physician specialists' CVs, appreciates knowing about candidates' personal interests for the same reason Ms. Reed cites. "Especially in an intense field like neurosurgery, I want to see that information — just a line or two — because it shows me they're human and that they have a life outside of medicine," he said.

The issue of whether to include a photo elicited varying responses, but most sources advised against including one — and definitely not embedded in the CV document — unless a photo is requested. "There is always the possibility of unconscious bias, so I think it's best to avoid including one," Dr. Buckley said. Ms. Schofield noted that some training programs encourage their international medical graduates to send photos and that some hospitals seeking candidates may require them, though she herself opposes the idea.

It should go without saying that physicians should never inflate, embellish, or mischaracterize their achievements in an attempt to give a better impression. Besides being dishonest, such tactics are likely to backfire at some point, with potentially career-damaging repercussions. "Honesty

and complete accuracy are the most important aspects of a CV. Physicians should never inflate anything," Dr. Jokela said.

Sources agreed that physicians should keep to the standard order of information appearance while attempting to position potentially distinguishing details on the first page, if possible. "Residents and fellows who have received awards or special recognition should consider moving up that information so that it appears on the first page, if it's not too awkward to do so," said Dr. Jokela. At the very least, she added, important awards shouldn't be buried at the bottom of the document.

There appears to be general agreement that the following information generally should not be included on the physician CV, under most circumstances:

Birthdates, Social Security numbers, and any other official identification number. These should be excluded for both security and bias-avoidance reasons.

Marital status. This detail falls under the category of extraneous information, all sources agreed. Besides, if a candidate proceeds to a site interview or even a formal pre-interview call, that detail will likely emerge in the context of a conversation, even though recruiters and individuals involved in hiring are prohibited by law from asking for such information.

References. Including references before they've been requested can give a recipient the wrong impression. And besides, Mr. Shireman points out, references usually won't be checked until a candidate has completed a site interview and the organization is considering setting a second site interview or drafting an offer. "Listing references before they're asked for can make it look like you're trying too hard," he said.

Extensive publication details. Ideally, the publication citations should include only the basic details — the article author(s), title, and journal name and publication date.

Conference attendance. Several sources mentioned that they have occasionally received residents' CVs that list conferences attended. This isn't an important detail, except in cases when the resident gave a presentation or talk at the conference. That information would go under the category of invited speeches/presentations, below publications.

CV length and 'version control'

The ideal length for a physician CV varies depending on the individual and the type of position being sought. In most cases, residents' CVs can and should be rendered in a few pages (three or fewer) unless the trainee happens to have an unusually extensive research or publishing history.

Most sources thought that a single CV version should suffice in most cases, but several noted that there might be situations that warrant creating a short and long version. Physicians seeking a research position, for instance, might create a short version including the basics and a longer version detailing their research interests and accomplishments, and then offer recipients the opportunity to receive the longer one. Likewise, physicians seeking an administrative position or one in which special skills in health care IT are a plus, for example, might craft an additional document or addendum that describes their related experience.

"In most cases, a longer-version CV is really more appropriate for senior faculty members than for young physicians," Dr. Jokela said.

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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?

THE CLINICAL PROBLEM

LINICIANS 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

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.

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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 pervasive manifestations of grief.

persist for a minimum period of time (≥6 months listed in Table 1. according to ICD-11 criteria and ≥12 months according to DSM-5) and cause clinically significant is closely attached is highly stressful and prodistress or impaired functioning that exceeds duces a wide range of disruptive psychological expectations for grief in the context of the pa- and social changes to which the bereaved person tient's cultural, religious, or social community. must adapt.^{20,21} Grief is the universal response to ICD-11 includes examples of key symptoms of loss, but there is no universal way to grieve or emotional pain, such as sadness, guilt, anger, come to terms with a loss. Over time, most beinability to feel positive emotions, emotional reaved persons find a way to accept the new renumbness, denial or difficulty in accepting the ality and move forward in their own lives. People death, feeling that a part of oneself has been lost, usually oscillate between confronting emotional and reduced engagement in social or other ac-pain and setting it aside as they slowly accomtivities.¹⁴ The DSM-5 criteria for prolonged grief modate to the changes in their life.² As they do disorder specifies that at least three of the fol- so, the intensity of grief subsides, although grief lowing eight symptoms be present: intense emo- will still escalate intermittently and sometimes tional pain, numbness, intense loneliness, a loss intensely, especially at anniversaries and other of sense of self (identity disruption), disbelief, situations in which reminders of the deceased avoidance of reminders of the permanence of the person are prominent. loss, trouble reengaging in activities and relationships, and feeling that life is meaningless.¹⁵ however, the process of adapting is derailed and

Existing surveys suggest that an average of the Diagnostic and Statistical Manual of Mental Disorders, 3 to 10%⁴⁻⁷ of persons bereaved by natural fifth edition (DSM-5),¹⁵ by the American Psychicauses have prolonged grief disorder, with rates atric Association in 2022. Previously used terms several times higher among those who lose include complicated grief, persistent complex loved ones to suicide, homicide, accidents, natubereavement disorder, and traumatic, pathologi- ral disasters, or other sudden, unexpected causes cal, or unresolved grief. Prolonged grief disorder of death. 7.16,17 Percentages more than twice as symptoms include pervasive intense yearning, high as those reported in the surveys have been longing, or preoccupation with the deceased person accompanied by other persistent intense and mental health clinics. 18,19 Risk factors for prolonged grief disorder and signs that may The symptoms of prolonged grief disorder must suggest the presence of the disorder are

The permanent loss of someone to whom one

For persons with prolonged grief disorder,

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 disor- ders, 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 Information about recent bereavement and its a standstill, make it difficult to form or maintain and behaviors. 7,23,26-28

STRATEGIES AND EVIDENCE

DIAGNOSIS AND EVALUATION

self-blame and anger, difficulty in regulating effects should be a part of clinical history takemotions, and ongoing stress.²² Prolonged grief ing. Tracking the death of a family member or disorder is associated with a range of increased other close relation in the medical record and inmedical and psychiatric disorders.^{7,16,23-25} Proquiring how the patient is doing since the death longed grief disorder can bring a person's life to can open a conversation about grief and its frequency, duration, intensity, pervasiveness, and efmeaningful relationships, interfere with social fects on the patient's capacity to function. Clinical and occupational functioning, and engender feel- evaluation should include a review of physical and ings of hopelessness as well as suicidal ideation emotional symptoms since the death, current and lifetime psychiatric and medical disorders, alcohol

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iors, current social support and functioning, treat- and "Have you actually had any thoughts of killment history, and a mental-status examination. ing yourself?").33 Prolonged grief disorder should be considered in daily life more than 6 months after a death.

available for use as brief screening tests for pro- understandable because persistence of sadness longed grief disorder. The simplest is a score and yearning for the deceased person is usually higher than 4 on the five-item Brief Grief Ques- long-lasting after the death of a loved one, and tionnaire (range, 0 to 10, with higher total scores any of the symptoms of prolonged grief disorder suggesting that additional evaluation for the pres- listed in ICD-11 or DSM-5 may persist. Periods ence of prolonged grief disorder is indicated) (see of heightened grief commonly occur in waves the Supplementary Appendix, available with the that are associated with anniversary dates, famfull text of this article at NEJM.org). 18,29 Alterily holidays, or other reminders of the loss. Acnatively, a score of 30 or higher on the 13-item tivation of emotions, including tearfulness, may Prolonged Grief-13-R (range, 10 to 50, with higher occur when patients are asked about the person scores indicating greater symptom severity) sug- who died. gests that prolonged grief disorder symptoms as defined by DSM-5 are present; however, a cliniing grief is an indication for a diagnosis of procal interview is still needed to establish a diag- longed grief disorder. In prolonged grief disorder, nosis.^{3,12} A score greater than 25 on the 19-item thoughts and feelings about the deceased per-Inventory of Complicated Grief (range, 0 to 76, son and grief-related emotional distress are prewith higher scores indicating higher levels of occupying, persistent, intense, and pervasive in prolonged grief symptoms)³⁰ identifies possible a way that interferes with engagement in meanproblematic grief, and this tool is validated for ingful relationships and activities, even with monitoring change over time. The clinician-rated²⁷ Clinical Global Impression Scale, which focuses on grief-related symptoms, is a simple, effective TREATMENT way to assess changes in grief severity over time. The fundamental goals of treatment for pro-

of suicidal ideation and behavior is the Columbia tervention and 0.9 at follow-up).⁴⁶ Suicide Severity Rating Scale (which includes the

and substance use, suicidal thinking and behav- wished you could go to sleep and not wake up?"

There has been confusion in media accounts patients whose grief is substantially affecting their and among some health care professionals about the difference between prolonged grief disorder Simple, well-validated, patient-rated tools are and normal continuing grief. This confusion is

> Clinicians need to be aware that not all ongopeople the patient knows and loves.

A clinical interview is recommended in order longed grief disorder are to help the patient to make a final diagnosis of prolonged grief dis- learn to accept the permanence of the loss and to order, including differential diagnosis and treat-restore the capacity to have a meaningful, satisfyment planning (see Table 2 for clinical guid- ing life without the deceased person so that yearnance on loss history and the conduct of a clinical ing and preoccupation with the deceased person interview for symptoms of prolonged grief dis-subside. Evidence from multiple randomized, conorder). Differential diagnoses for prolonged grief trolled trials with active or wait-list control groups disorder include normal continuing grief as well (i.e., with randomization to an active intervention as other diagnosable mental disorders. Other or to a waiting list as a comparator) supports the disorders can coexist with prolonged grief disor- efficacy of short-term, targeted psychotherapy der, especially major depression, post-traumatic interventions, 34-45 and treatment is strongly recstress disorder (PTSD), and anxiety disorders; ommended. In one meta-analysis of 22 trials incoexisting disorders may also be preexisting, volving 2952 participants, there was a moderatewhich may increase vulnerability for prolonged to-large effect on the reduction in grief symptoms grief disorder. 16,25,31,32 Patient questionnaires can associated with grief-focused cognitive behavscreen for co-occurring conditions, including sui- ioral therapy (standardized effect sizes with the cidality. A recommended, widely used measure use of Hedges' g were 0.65 at the end of the in-

Therapy for prolonged grief focuses on both questions "Have you wished you were dead or the acceptance of the loss and restoration of the

Goal Assess grief symptoms and course Elicit a loss history Ask an open-ended question about grief Determine how much grief is still a part of everyday life	Example Approaches Ask who died, when and how they died, express condolences, learn about the patient's relationship with the deceased person "How have things been for you since died?" "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?"
Elicit a loss history Ask an open-ended question about grief	relationship with the deceased person "How have things been for you since died?" "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
Ask an open-ended question about grief	relationship with the deceased person "How have things been for you since died?" "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
1 1	"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
Determine how much grief is still a part of everyday life	so. If not, ask: "Does it feel as intense and persistent as the first period after the
	deaths
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?"

an integrated treatment that emphasizes active rently has the strongest evidence base. 27,34,35 Sevempathic listening and includes components of eral grief-focused cognitive behavioral therapies motivational interviewing, interactive psychoed- that involve a similar approach have also shown ucation, and a series of experiential activities efficacy.^{36-38,40-45} administered in a planned order across 16 weekly

capacity to thrive. Prolonged-grief therapy is developed for prolonged grief disorder and cur-

The main focus of interventions for prosessions. This approach was the first treatment longed grief disorder is to facilitate acceptance

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 under- standing of grief, prolonged grief disorder adaptation to loss, and treatment compo- nents
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 psycho- education 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 impedicilinical response, defined as "much improved" ments. Most interventions also include a means or "very much improved" on a Clinical Global to help patients restore their capacity for well- Impression Scale, of 51% with prolonged-grief being (e.g., identifying a strong interest or core therapy as compared with 28% with interpervalue and supporting engagement in an activity sonal therapy (P=0.02).35 A second trial replicated related to it). Table 3 describes the components this finding in older adults (mean age, 66 years) and goals of these treatments.

Three randomized, controlled trials have assessed prolonged-grief therapy as compared with an efficacious treatment for depression and all cantly superior. After pilot results suggested that prolonged-grief therapy was superior to interper-

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 showed prolonged-grief therapy to be signifi- the antidepressant citalopram as compared with placebo when administered with prolonged-grief therapy or with grief-informed clinical managesonal therapy for depression,³⁹ the first randomment; prolonged-grief therapy plus placebo reized trial confirmed this result and showed a sponse (83%) was superior to both citalopram

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) ad- similar to PTSD probably act by means of a difministered with grief-informed clinical manage- ferent mechanism in prolonged grief disorder.⁴⁹ ment. In addition, there was no difference be- Several grief-focused therapies that use similar tween citalopram and placebo when administered cognitive behavioral therapy approaches have with grief-informed clinical management or with shown efficacy in prolonged grief disorder in both prolonged-grief therapy.²⁷ However, citalopram individual^{36,37} and group^{38,40} approaches, as well plus prolonged-grief therapy, but not citalopram as in children.⁴¹ with grief-informed clinical management, signifitoms.27

For clinicians unable to provide an evidencecantly reduced co-occurring depressive symp- based treatment, we would recommend that they seek a referral if possible and follow the patient Prolonged-grief therapy integrates strategies weekly or every other week for as long as needfrom prolonged-exposure therapy used in pa- ed, using simple supportive, grief-focused intertients with PTSD (an approach that encourages ventions (Table 4). Telemedicine and patient selfprocessing of the loss and decreasing avoid- guided online treatment approaches may also be ance)⁴⁷ in a model to address prolonged grief as effective ways to improve access, although the a post-loss stress disorder. The intervention also self-guided approach has been studied with asynincludes procedures to strengthen relationships, chronous therapist support, 42-45 which may be work within personal values and goals, and ennecessary to optimize results. For patients who hance a sense of connection to the deceased do not have a response to evidence-based psychoperson. Some data suggest that cognitive behav-therapy for prolonged grief disorder, a reassessioral therapy for PTSD without a grief focus may ment is indicated to identify medical or psychiatric be less effective, 48 and exposure-like strategies conditions that may account for the symptoms,

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addressed with targeted intervention, such as ing depression symptoms. Clearly more research PTSD, depression, anxiety, sleep disorders, and is needed.²⁷ substance use disorders.

toms and those who are not yet able to access tal treatments. In addition, prevalence rates for evidence-based treatments for prolonged grief the diagnosis of prolonged grief disorder remain disorder, clinicians can help by using a support- uncertain because epidemiologic studies with ive grief-management approach. Suggestions for consistent criteria have not been available and simple ways to use components of such treat- because rates vary widely depending on the cirments 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 Although diagnostic criteria for prolonged grief often reassuring to the patient and can assist them disorder are now found in ICD-11 and DSM-5, in feeling less alone and more hopeful that help is and a substantial literature on efficacious treatavailable. Inclusion of a family member or close ments exists, 46 formal guidelines for the treatfriend in psychoeducation about prolonged grief ment of this disorder are not yet available. 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 ongoing connection with the deceased person.

AREAS OF UNCERTAINTY

especially symptoms that may successfully be citalogram did show greater efficacy for coexist-

Adequately powered trials with appropriate For patients with mild or subthreshold symp- controls are needed to establish efficacy for digicumstances of the death.

GUIDELINES

CONCLUSIONS AND RECOMMENDATIONS

without the deceased loved one and resolution of The presentation of the patient described in the issues interfering with this process may help vignette is typical of prolonged grief disorder in engage patients in care. Clinicians can encourthat she presented with grief of persistently high age patients and their families to accept grief as intensity, feelings of self-blame, avoidance of loss a natural response to loss rather than suggest- reminders, social isolation, and feelings of ining that grieving should be over. It is important tense loneliness and hopelessness. The sudden not to drive a patient away from care by engendeath of her spouse, previous episodes of dedering fear that they are being asked to forget, pression, and physical illness are each risk facmove on, or leave their loved one behind. They tors for prolonged grief disorder, and most of can be helped to see that working toward adapt- the signs listed in Table 1 are present. We would ing to their loss can reduce the intensity of their conduct a loss and grief history, including grief and can support a more satisfying sense of 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 There is not yet sufficient neurobiologic research interview, we would offer the patient (or refer to elucidate pathogenic mechanisms for pro- her for) evidence-based psychotherapy³⁴⁻⁴⁵ as the longed grief disorder and no medication or first-line treatment. We would provide psychoother neurophysiologic treatment has yet proved education about prolonged grief disorder and to be efficacious for prolonged grief disorder the treatment options for the disorder, providing symptoms in prospective clinical trials, nor have hope that treatment can help the patient accept medications been adequately tested yet. Only this reality in a way that allows her to continue one prospective, randomized, placebo-controlled to honor her spouse and her own life. The treatstudy of a medication was found in the literament components (Table 3) would help her unture, and as previously discussed, it did not derstand and accept grief, address maladaptive show efficacy of citalopram for the treatment of self-blaming thoughts, help her narrate a cohersymptoms of prolonged grief disorder, although ent story of her husband's death, resume activiwhen combined with prolonged-grief therapy, ties she has been avoiding, and restore a sense of connection to her husband through her memo- would prescribe an antidepressant. We would also satisfaction in her life again. If clinically significant depressive symptoms are also elicited, we the full text of this article at NEJM.org.

ries. We would work with her to reconnect to her address unhealthy sleep and eating habits, her interests and values, sense of competence, and level of physical activity, and her weight and diabesocial relationships so that she can feel joy and tes management, which may be affected by grief.

Disclosure forms provided by the authors are available with

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We charge \$10.85 per word per insertion. A 2- to 4-time frequency discount rate of \$8.10 per word per insertion is available. A 5-time frequency discount rate of \$7.75 per word per insertion is also available. In order to earn the 2- to 4-time or 5-time discounted word rate, the request for an ad to run in multiple issues must be made upon initial placement. The issues do not need to be consecutive. Web fee: Classified line advertisers may choose to have their ads placed on NEJM CareerCenter for a fee of \$135.00 per issue per advertisement. The web fee must be purchased for all dates of the print schedule. The choice to place your ad online must be made at the same time the print ad is scheduled. **Note:** The minimum charge for all types of line advertising is equivalent to 30 words per ad. Purchase orders will be accepted subject to credit approval. For orders requiring prepayment, we accept payment via Visa, MasterCard, and American Express for your convenience, or a check, All classified line ads are subject to the consistency guidelines of NEIM.

How to Advertise

All orders, cancellations, and changes must be received in writing. E-mail your advertisement to us at ads@nejmcareercenter.org, or fax it to 1-781-895-1045 or 1-781-893-5003. We will contact you to confirm your order. Our closing date is typically the Friday 20 days prior to publication date; however, please consult the rate card online at nejmcareercenter.org or contact the Classified Advertising Department at 1-800-635-6991. Be sure to tell us the classification heading you would like your ad to appear under (see listings above). If no classification is offered, we will determine the most appropriate classification. Cancellations must be made 20 days prior to publication date. Send all advertisements to the address listed below.

Contact Information

Classified Advertising

The New England Journal of Medicine 860 Winter Street, Waltham, MA 02451-1412

E-mail: ads@nejmcareercenter.org

Fax: 1-781-895-1045 Fax: 1-781-893-5003 Phone: 1-800-635-6991 Phone: 1-781-893-3800 Website: nejmcareercenter.org

How to Calculate the Cost of Your Ad

We define a word as one or more letters bound by spaces. Following are some typical

Bradley S. Smith III, MD = 5 words
Send CV = 2 words
December 10, 2007 = 3 words
617-555-1234 = 1 word
Obstetrician/Gynecologist = 1 word
A = 1 word
Dalton, MD 01622 = 3 words

As a further example, here is a typical ad and how the pricing for each insertion is calculated:

MEDICAL DIRECTOR - A dynamic, growthoriented home health care company is looking for a full-time Medical Director in greater New York. Ideal candidate should be board certified in internal medicine with subspecialties in oncology or gastroenterology. Willing to visit patients at home. Good verbal and written skills required. Attractive salary and benefits. Send CV to: E-mail address

Practices for Sale

This advertisement is 56 words. At \$10.85 per word, it equals \$607.60. This ad would be placed under the Chiefs/Directors/ Department Heads classification.

Classified Ads Online

Advertisers may choose to have their classified line and display advertisements placed on NEIM CareerCenter for a fee. The web fee for line ads is \$135.00 per issue per advertisement and \$230.00 per issue per advertisement for display ads. The ads will run online two weeks prior to their appearance in print and one week after. For online-only recruitment advertising, please visit nejmcareercenter.org for more information, or call 1-800-635-6991.

Policy on Recruitment Ads

All advertisements for employment must be non-discriminatory and comply with all applicable laws and regulations. Ads that discriminate against applicants based on sex, age, race, religion, marital status or physical handicap will not be accepted. Although the New England Journal of Medicine believes the classified advertisements published within these pages to be from reputable sources, NEIM does not investigate the offers made and assumes no responsibility concerning them. NEJM strives for complete accuracy when entering classified advertisements; however, NEJM cannot accept responsibility for typographical errors should

Classified Ad Deadlines

Vol. 391 No. 19 · November 14, 2024

Issue	Closing Date
January 9	December 20
January 16	December 27
January 23	January 3
January 30	January 10

Internal Medicine

HIGH OUALITY NEPHROLOGY PRACTICE IN WASHINGTON DC SUBURBS - Looking for a motivated and dynamic physician. Competitive compensation package. E-mail CV to: janiced@

Nephrology

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> Check out physician career opportunities and resources at NEJMCareerCenter.org

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ads@nejmcareercenter.org

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Stony Brook Community Medical Group, Po

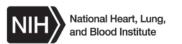
Non-Invasive Cardiologist

North Suffolk Cardiology (NSC), an affiliate of Stony Brook University Hospital, is a full-service, outpatient, cardiology physician practice, offering a wide range of expertise in cardiovascular health and wellness. North Suffolk Cardiology has four office locations that span the north Suffolk region of Long Island, and fourteen highly specialized, well-trained physicians and 11 advanced practice providers who see over 40,000 patient visits per year - making NSC the largest cardiology physician practice on the north shore.

NSC provides comprehensive cardiovascular care by using state-of-the-art technology in PET/CT, SPECT, echo/ vascular ultrasound services, as well as education in nutrition and lifestyle management to promote proper cardiovascular health. NSC offers interventional procedures to treat coronary artery disease, heart valve disorders, and other heart conditions, and also houses a device clinic that offers holter and event monitoring for patients with heart rhythm disorders. Intensive cardiac rehab services are also offered on-site for patients who are rehabilitating after a experiencing significant cardiac event and procedure.

North Suffolk Cardiology is seeking a non-invasive cardiologist to join their rapidly growing practice. The ideal candidate is BE/BC in cardiology, nuclear cardiology, and echocardiography. Excellent compensation package.

Apply at: www.stonybrookmedicine.edu/ community-medical/careers Enter key word: Physician North Suffolk Cardiology



Department of Health and Human Services National Institutes of Health National Heart, Lung, and Blood Institute Non-Invasive Cardiologist – Echocardiography Staff Clinician, Cardiovascular Branch

The Division of Intramural Research (DIR) of the National Heart, Lung, and Blood Institute (NHLBI) is seeking to recruit an outstanding **non-invasive Cardiologist** Staff Clinician, specializing in imaging to provide support for the echocardiography laboratory (adult and pediatric studies), patient care and teaching within the Cardiovascular Branch and for the NIH Clinical Center. The successful candidate will provide echocardiography and cardiology care to both inpatients and outpatients, participate in educational activities of the cardiology section, and potentially contribute to research in an area of your interest.

The Cardiovascular Branch of the NHLBI conducts research on diseases that affect the heart, blood, blood vessels and lungs with specific projects aimed to answer clinically relevant issues using methods ranging from a molecular level up to and including clinical projects in diagnostics, therapeutics and interventions; and emphasize creation of an environment where scientists and physician scientists can work together on disease specific issues using the most appropriate approaches available in the spectrum between the bench and the bedside. There are strong interactions with a wide range of independent research groups, and the position offers exceptional opportunities for interdisciplinary collaboration within and outside of the NIH.

The existing faculty in the NHLBI DIR is an outstanding group of internationally recognized biomedical researchers covering a wide range of basic and clinical research topics (please see https://www.nhlbi.nih.gov/research/intramural) complemented by the other research institutes within the DIR (please see https://www.nih.gov/science/#campus).

The successful candidate should be a board-certified/eligible or equivalent cardiologist. Additional level III echocardiography training is preferable with a strong commitment to patient care, teaching and a desire to contribute to translational clinical research.

Appointees may be US citizens, resident immigrants, or non-resident immigrants with or eligible to obtain a valid employment authorized visa. Applications from women, minorities and persons with disabilities are strongly encouraged.

TO APPLY: Applicants should send a 1-2 page descriptive letter of interest, curriculum vitae and complete bibliography, and arrange for three letters of reference to be sent via email to:

Maria G. Stoltzfus gonzamar@nhlbi.nih.gov

The review of applications will begin on a rolling basis as complete application packages are submitted. Applications will be accepted until the position is filled.

DHHS and NIH are Equal Opportunity Employers. Positions are subject to a background check The NIH is dedicated to building a diverse community in its training and employment programs

salary is commensurate with education and experience and a full Civil Service package of benefits (including retirement, health, life, and long-term care insurance, and a Thrift Savings Plan) is available. There are also programs at the NIHI to provide parental leave, as well as opportunities for on-six childicare. The research is funded by the internual research program and does not require applications for grants or external support.

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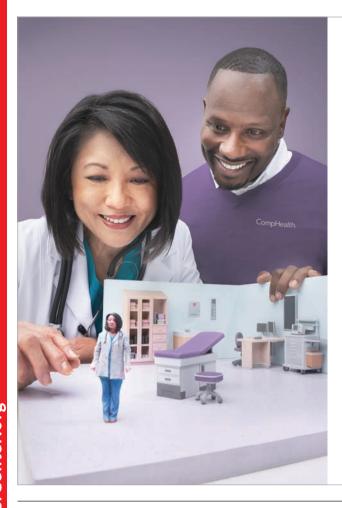
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Chief, Division of Hospital Medicine, Department of Internal Medicine, UT Southwestern Medical Center at Dallas

The University of Texas (UT) Southwestern Medical Center, Department of Internal Medicine, invites nominations and applications for the position of Division Chief of Hospital Medicine. This position represents a major leadership appointment in the Department.

Hospital Medicine will be a new Division in the department, comprised of academic hospitalists who provide inpatient care at the Clements University Hospital (750 beds), Parkland Memorial Hospital (900 beds), and VA North Texas Health Care System (279 beds),

The new Division will be home to 150 faculty and 65 APPs, making it the largest Division in the Department. Hospital Medicine faculty already play key leadership roles in the clinical operations, quality and patient safety improvement, medical education, and informatics programs of the hospitals and Department. The Division Chief will be expected to lead and grow the Division's clinical, educational, quality/safety, and research programs at all three sites. Developing the academic careers of faculty, recruiting new faculty with diverse backgrounds, and promoting health equity will be key responsibilities.

UT Southwestern is renowned for its biomedical research programs and its exceptional clinical services. It has a NIH-funded CTSA; strong research programs in health services, disparities, and clinical informatics; outstanding training programs in Internal Medicine and its subspecialties; and a new School of Public Health that opened in 2023. The two adult teaching hospitals on the UT Southwestern campus. Clements and Parkland, are state-of-the-art facilities that opened in

Candidates must have leadership experience as an academic hospitalist and scholarly achievements in research; delivery innovation; quality, patient safety, and value; and/or medical education. Candidates are expected to contribute to the teaching and training of medical students and house staff. Applicants must be board certified in Internal Medicine and be eligible for Texas medical licensure.

Interested applicants please apply on-line at www.utsouthwestern.edu/careers and reference Job # 579526.

Joshua M. Liao, MD, MSc and Gail Peterson, MD

Email: ioshua.liao@utsouthwestern.edu and gail.peterson@utsouthwestern.edu

Department of Internal Medicine, UT Southwestern Medical Center, 5323 Harry Hines Blvd., Dallas, TX 75390

UTSW is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.



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Electrophysiologist

North Suffolk Cardiology (NSC), an affiliate of Stony Brook University Hospital, is a full-service, outpatient, cardiology physician practice, offering a wide range of expertise in cardiovascular health and wellness. North Suffolk Cardiology has four office locations that span the north Suffolk region of Long Island, and fourteen highly specialized, well-trained physicians and 11 advanced practice providers who see over 40,000 patient visits per year - making NSC the largest cardiology physician practice on the north shore

NSC provides comprehensive cardiovascular care by using state-of-the-art technology in PET/CT, SPECT, echo/ vascular ultrasound services, as well as education in nutrition and lifestyle management to promote proper cardiovascular health. NSC offers interventional procedures to treat coronary artery disease, heart valve disorders, and other heart conditions, and also houses a device clinic that offers holter and event monitoring for patients with heart rhythm disorders. Intensive cardiac rehab services are also offered on-site for patients who are rehabilitating after a experiencing significant cardiac event and procedure.

North Suffolk Cardiology is seeking an electrophysiologist to join their rapidly growing practice. The ideal candidate is BE/BC in cardiology, nuclear cardiology, and echocardiography. Excellent compensation package.

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Joseph Li, MD - Chief of Hospital Medicine JLi2@bidmc.harvard.edu

Rusty Phillips, MD - Director of Recruitment wphillip@bidmc.harvard.edu



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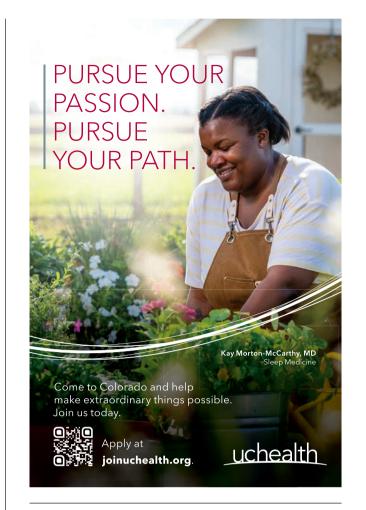


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SCHOOL OF MEDICINE

Department of Medicine **Division of Hospital Medicine**

The Division of Hospital Medicine at Washington University School of Medicine in St. Louis, one of the largest academic hospitalist programs in the nation with over 120 hospitalists, is recruiting faculty members (internal medicine, board-certified/eligible physicians) to join our wellestablished, growing hospitalist group.

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- 403b retirement
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- Housing Assistance Program https://lnyw.wustl.edu · Washington University School of Medicine ranked top 5 in NIH funding
- Barnes-Jewish Hospital top-ranked by U.S. News & World Report

All qualified applicants will receive consideration for employment without regard to sex, race, ethnicity, protected veteran, or disability status Interested candidates can apply at https://facultyopportunities.wustl.edu/

You can also email: Mark V. Williams, MD, MHM Professor & Chief, Division of Hospital Medicine dhmrecruitment@wustl.edu

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Hospitalist at Catholic Medical Center Physician Practice Associates in Manchester, NH (12 pos.):

Practice internal medicine in hospital setting. Clinical care for patients admitted to CMC & consultative internal med services to surgical/specialty colleagues.

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Contact: Melisa Ciarrocca
Director of Provider Recruitment to learn more!
Office: 910-291-7540
Text: 910-280-1337

Email: <u>melisa.ciarrocca@scotlandhealth.org</u>
Website: <u>www.scotlandhealth.org</u>

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Berkshire Health Systems (BHS) is the leading provider of comprehensive healthcare services for residents and visitors to Berkshire County, in western Massachusetts. From inpatient surgery and cancer care to provider visits and imaging, BHS offers a continuum of programs and services that help patients to connect to the care they need, no matter where they are located in the rural Berkshire community. As the largest employer in Berkshire County, BHS supports more than 4,000 jobs in the region, and, as a 501(c)(3) nonprofit organization, BHS is committed to partnering with local municipalities and community organizations to help the county thrive. Working at BHS offers a unique opportunity to both practice and teach in a state-of-the art clinical environment at Berkshire Medical Center, the system's 298-bed community teaching hospital in Pittsfield, which is a major teaching affiliate of the University of Massachusetts Chan Medical School and the University of New England College of Osteopathic Medicine in Maine.

At BHS, we also understand the importance of balancing work with quality of life. The Berkshires, a 4-season resort community, offers world renowned music, art, theater, and museums, as well as year round recreational activities from skiing to kayaking. Excellent public and private schools make this an ideal family location. We are also only a $2\frac{1}{2}$ hours drive from both Boston and New York City.

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Interested candidates are invited to contact:

Michelle Maston or Cody Emond Provider Recruitment, Berkshire Health Systems (413) 447-2784 | mmaston@bhs1.org cemond@bhs1.org

Apply online at: berkshirehealthsystems.org







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