

Applying QI Approaches to Improve the Joy of Work

Laurel K. Leslie, MD, MPH



- I have no relevant financial relationships to disclose or conflicts of interest to resolve
- I will discuss no unapproved or off-label pharmaceuticals



- VP, Research, ABP and Professor, Tufts School of Medicine
- Taught QI processes/applications at Tufts
 - Clinical care
 - Research
- Interest in wellness; I practice yoga and meditation myself
- Believe in the QI motto





- Define <u>burnout</u>
- Describe causes and effects of burnout in healthcare
- <u>Identify 5 steps</u> we can take as organizations to improve joy at work



Health care staff burnout in the news

•••/	Institute for Healthcare Improv × , The Story Behind Epidemic Do ×	🕫 Lau
$\epsilon \rightarrow \mathbf{x}$	Secure https://www.forbes.com/sites/davechase/2016/01/06/the-story-behind-epidemic-doctor-burnout-and-suicide-statistics/#4c41f18628d2	🛧 🚥 🖸 🗖
	ital 🗅 Gmail 📹 Apple 📹 iCloud 📑 Facebook 🗅 Twitter 📹 Apple 🛅 News 🗅 Google 🛅 LinkedIn	» 🛅 Other Bookma

WELLNESS 09/21/2017 06:01 am ET

We Need Nurses More Than Ever. Why Are We Letting Them Burn Out?

The combination of an exodus of RNs and an influx of aging patients could create a health care crisis.







Active on Twitter NCAA Harmfully Takes Away Student-Athletes' Guaranteed Weekly Day Off JAN 6, 2016 @ 10:41 AM 27,106 @

2 Free Issues of Forbes



I've heard a version of the story below so many times that it's important for people to understand just how bad it is for many doctors today inside a large swath of healthcare systems

The other story These heard exampless times is doctors telling me they were about to leave practicing medicine until they found an organization such as the ones I highlighted

The Mayo Clinic released a study on doctor burnout that resulted in a spate of articles last month (e.g., Forbes, *Washington Post*). Not only are the statistics jarring, the individual stories are gripping. They highlight the horrible statistic that doctors have the highest rate of suicide. Once again, it points out that it's a tragic mistake to ignore the Quadruple Aim--in particular, the "forgotten" aim of improving the care team experience. In this piece, I share a representative story behind the Helping Seniors Safely Age in Home Since 1998

America's Choice in Homecare ®

Discover the Visiting Angels Difference

America's Choice in Homecare

https://www.huffingtonpost.com/entry/nurse-burnout-healthcare_us_59c2b4a7e4b06f93538bfada

NEWS

September 28, 2017

Enter keywords...



Suicide In Nursing: Much More Common Than You Think





By: Mariam Yazdi, BSN, RN, CCRN

A study released earlier this year shed light on an alarming finding: of the female population, nurses are 23% more likely to commit suicide than women in general. The study linked this shocking statistic to nurses having easy access to lethal doses of medication and noted that suicide rates were higher amongst lower-paid healthcare employees verses higher-paid workers such as managers and CEOs.

Furthermore, nurses are four times more likely to commit suicide than people working outside of medicine.



in Renton, WA - The Home Health Nurse....

Nurses PRN | Renton, WA

Travel Emergency Department RN Specialty In Hyattsville, MD

Nurse PRN needs a Emergency Department RN in Hyattsville, MD -Emergency Nurses assist patients

Nurses PRN | Hyattsville, MD

https://nurse.org/articles/suicide-rates-high-for-female-nurses/



- Experience of
 - Emotional exhaustion
 - Depersonalization
 - Feelings of low achievement and decreased effectiveness
- Multiple ways to "measure" burnout that vary in the cut-point



How common is it?



Perspectives on Safety February 2016

Burnout Among Health Professionals and Its Effect on Patient Safety

by Audrey Lyndon, PhD



- Nurses: 10-70%
- Physicians, NPs, PAs: 30-50%
- 2015 Mayo/AMA Study
 - >50% of physicians have at least one sign of burnout
 - 9% increase since study conducted 3 years earlier



Changes in burnout by specialty 2013-2017



Pediatrics February 2017 From the American Academy of Pediatrics Commentary

Burnout in Pediatric Residents and Physicians: A Call to Action

٠

John D. Mahan

Info & Metrics Comments Article

Download PDF

The evidence is growing that burnout in trainees, as well as in practicing physicians, comes at a cost to the physicians, those they interact with at home and work, and their patients.¹ In their article in this issue entitled "Fediatric Resident Burnout and Attitudes Toward Patients," Baer et al² surveyed pediatric residents at 11 programs in New England to better understand the pathogenesis of burnout in these trainees; the goal was to assist in efforts to develop effective measures to prevent and/or address these maladaptive responses.

It is unsurprising to those who work with trainees that 101 of 258 pediatric residents. reported being "burned-out."3-5 In fact, many studies show higher rates of burnout in pediatric trainees (40%-75%) depending on site and year of training.^{4,7} In the study by Baer et al,² there were no significant differences in hurnout rates according to sex, race/ethnicity, and relationship or parental status; younger residents (<30 years of age) we slightly less likely to report humani than older residents. Residency factors (year of



Stats

40-75% of pediatric trainees

Increasing among pediatricians?

the AAP's PLACES study

https://wire.ama-assn.org/life-career/report-reveals-severity-burnout-specialty THE AMERICAN BOARD of PEDIATRICS



PROFESSIONAL FACTORS

- Expectation of unrealistic endurance
- Perfectionism
- Time pressures
- Excessive work hours
- Sleep deprivation
- Lack of resources
- Limited time with patients
- Difficult interactions with patients
- Coping with death and errors
- Unprocessed grief/guilt

PERSONAL FACTORS

- Financial concerns (debt)
- Limited free time
- Isolation/lack of social support
- Uncertainty
- Disconnection with purpose and community
- Limited application of effective stress management/resilience skills

THE AMERICAN BOARD of PEDIATRICS

McLafferty, Pediatrics, 2014



SYSTEMS FACTORS

- Unsupportive work environments
- Cultures of silence
- Poor team functioning/communication
- Inequities
- Inefficiencies
- Increased fiscal/accountability/EHR demands with limited support
- Lack of flexibility
- Hectic, chaotic work setting

Burnout is related to professional, personal AND systems factors

THE AMERICAN BOARD of PEDIATRICS

McLafferty, Pediatrics, 2014



AAP PLACES survey with early/mid career docs

Percent of early to mid-career pediatricians* very or moderately stressed by different factors of their jobs (n=1,237)

Finishing/catching up w/ work from job at home Documenting patient info in EHR Completing nonclinical activities Completing external regulatory requirements Staying current on medical knowledge Responding to current debate on health care Negotiating salary, contract, promotion Linking families w/ resources Working w/ families of patients Providing care to children and adolescents Coordinating patient care Working w/ co-workers

		52%	1		
		48%			
	۷	12%			
	4	1%			
	33%				
	32%				
	32%				
	31%				
20%					
20%					
16%					
12%					

*Early career pediatricians: six to eight years post-residency in 2017; mid-career pediatricians: 13 to 15 years post-residency in 2017 **Source:** AAP PLACES Check Point Survey 6 (2017)

https://www.aap.org/en-us/professional-resources/Research/ THE AN pediatrician-surveys/Pages/Pediatrician-Life-And-Career-Experience-Study-PLACES.aspx



- Dissatisfaction
- Poor workplace dynamics
- Poor family dynamics
- Worse health
- Substance use
- Depression
- Suicidal ideas/actions



http://www.clipartpanda.com/clipart_images/and-depression-in-black-62553514HE AMERICAN BOARD of PEDIATRICS



- More likely to report having made a major medical error in past 3 months
- Limited clinician empathy with patients
- Lower patient-satisfaction scores





- Lower morale
- Lower productivity
- Increased workplace accidents
- Increased staff turnover
 - Cost of replacing a physician \$250K to \$1 million
 - Cost of replacing a nurse \$85K, high nurse turnover







Systematic review: What works

S National Library of Medicine ational institutes of Health	PubMed	Advanced		
ormat: Abstract -			Send	to -

JAMA Intern Med. 2017 Feb 1;177(2):195-205. doi: 10.1001/jamainternmed.2016.7674.

Controlled Interventions to Reduce Burnout in Physicians: A Systematic Review and Metaanalysis.

Abstract

IMPORTANCE: Burnout is prevalent in physicians and can have a negative influence on performance, career continuation, and patient care. Existing evidence does not allow clear recommendations for the management of burnout in physicians.

OBJECTIVE: To evaluate the effectiveness of interventions to reduce burnout in physicians and whether different types of interventions (physician-directed or organization-directed interventions), physician characteristics (length of experience), and health care setting characteristics (primary or secondary care) were associated with improved effects.

DATA SOURCES: MEDLINE, Embase, PsycINFO, CINAHL, and Cochrane Register of Controlled Trials were searched from inception to May 31, 2016. The reference lists of eligible studies and other relevant systematic reviews were hand searched.

STUDY SELECTION: Randomized clinical trials and controlled before-after studies of interventions targeting burnout in physicians.

 While both intervention types had an effect on burnout scores, <u>organizational</u> <u>interventions had a</u> <u>greater effect</u> than individual

Burnout is not just the responsibility of the individual

THE AMERICAN BOARD of PEDIATRICS

Panagioti et al, JAMA Intern Med, 2017







- Leadership
 - Focus on mission and what matters Authenticity
 - Commitment to "joy at work"
 - Demonstration of the "meaning" of work

• Culture

- Strive for fair/just workplace
- Improve communication
- Give more control
- Decrease chaos/hectic qualities in work setting
- Build effective teams/community



"In our work in healthcare, joy is not just humane; it's instrumental... The gifts of hope, confidence, and safety that health care should offer patients and families can only come from a workforce that feels hopeful, confident, and safe. Joy in work is an essential resource for the enterprise of healing."

Don Berwick, Institute for Healthcare Improvement





• QI

- Reframe clinical QI projects as empowering and promoting change
- Engage in QI to remove inefficiencies, redundancies, and barriers to care and decrease administrative tasks
- Relate QI work back to what gives joy in work (meaning, purpose)
- Build community
- Track well-being indicators and celebrate wins





Beyond Burnout — Redesigning Care to Restore Meaning and Sanity for Physicians

Alexi A. Wright, M.D., M.P.H., and Ingrid T. Katz, M.D., M.H.S.

n late 2016, a primary care physician with a thriving practice decided it was time to shut her doors. She felt her retirement was forced on her after she'd spent a year in the grips of her

"work after work" — at night, on weekends, even on vacation.

"EHRs can be a double-edged sword, because they give you more flexibility about where you work, enabling physicians to get home

	Journal of the Association of American Medical Colleges						
THE AMERI	Articles & Issues V	Collections 🗸	For Authors 🗸	Journal Info 🗸			

Home > June 2018 - Volume 93 - Issue 6 > An Integrated Career Coaching and Time-Banking System Promot...

< Previous Article | Next Article >

An Integrated Career Coaching and Time-Banking System Promoting Flexibility, Wellness, and Success: A Pilot Program at Stanford University School of Medicine

Fassiotto, Magali, PhD; Simard, Caroline, PhD; Sandborg, Christy, MD; Valantine, Hannah, MD; Raymond, Jennifer, PhD

Academic Medicine: June 2018 - Volume 93 - Issue 6 - p 881–887 doi: 10.1097/ACM.00000000002121 Articles



Combating Clinician Burnout with Community-Building

Article · July 31, 2018

Increasing evidence from medical studies and surveys has erased all doubt about the reality of what's happening in American medicine today: More than half of doctors are burning out.

The research is sobering. Burnout and isolation are leading to increased staff turnover, more clinical errors, <u>unprecedented levels of depression</u>, and some of the highest rates of suicide and suicidal ideation among any profession in the U.S. — and all this as we approach a shortage of health care professionals, a coming elder boom, and calls to expand the focus of our services to address social determinants of health.

It's clear we're facing an epidemic. For many of us in the trenches, our desperate need for relief is driving creative, effective interventions that show tremendous promise in turning the tide. And when we look at these interventions — from leadership models that underscore collaboration to <u>peer-support networks</u> — some of the most impactful solutions share one common feature: community-building.

The Power of Peer Support

A primary care system within the Beth Israel Deaconess Medical Center in Boston provides a laudable example of the value of peer support. With morale at an all-time low among physicians in the network, a small group of providers — led by Nicolas Nguyen, MD — decided to invest in understanding and treating the problem.

Nicolas S. Nguyen, MD, Elizabeth L. Métraux, MA & Andrew F. Morris-Singer, MD

Beth Israel Deaconess Medical Center Primary Care Progress Harvard Medical School







A weekly email newsletter featuring the latest actionable ideas and practical innovations from NEJM Catalyst.

Connect







Challenge if focus only personal/professional Message: "This is "your" problem"



PLACES participants provided many thoughtful comments about how work places can support physicians to enhance wellness and reduce burnout.

Example quotes related to reducing administrative tasks for physicians:

- *"Better support for all of the administrative tasks physicians are asked to do, or better recognition for the folks who do them."*
- "Stop focusing on "fixing" physicians with burnout/wellness programs and make system changes to support physician autonomy and patient care."
- "More autonomy over decisions that are made and more say in the organization."
- *"Improved support with administrative roles in patient care... filling out forms, screening forms at beginning of appointment, prescreening appointments."*



- Professional
 - Why we do the work we dowhat gives us meaning and purpose
 - Address some of the challenges inherent in medicine through recognition, trainings, debriefs, and support
 - Articulating the impact of errors, deaths, difficult patients

Pediatrics January 2011, VOLUME 127 / ISSUE 1 From the American Academy of Pediatrics Special Article

Approaches to the Difficult Patient/Parent Encounter

Cora Collette Breuner, Megan A. Moreno

Article Figures & Data Info & Metrics Comments

Download PDF

Abstract

Most pediatricians have experienced uneasy interactions involving patients and/or their parents. The majority of literature on this topic reflects encounters in adult medicine, without providing much information for pediatricians who also face this challenge. Unique to the pediatric approach is the added quotient of the parent/family dynamic. Patients or



Breuner & Moreno, Pediatrics, 2011



- Resilience "toolkit" and skills to manage the inherent challenges in being a healer
 - "Appreciative inquiry" or "gratitude" approaches
 - Self-care: physical health, sleep, exercise, diet
 - Positive psychology/cognitive behavioral therapy
 - Meditation, mindfulness



Novant Leadership Development Program

- Multi-day wellness retreat
- One-on-one coaching mentoring
- Themes
 - Focus on purpose, cognitive patterns of bias
 - Build an attraction to wellness
 - Develop new health habits
 - Be present and aware and live intentionally
 - Bild a strong medical community
 - Function as champions at the organization re: EHRs, reimbursement, etc
 - Develop influential leadership



Resilience Program

Medical staff say the resiliency program has reignited their passion for medicine; made a positive difference in their health and well-being; improved relationships with patients, staff, friends, and family; and even saved marriages." Res Home: Hirsh Health Sciences Library Im Investment

Novant Health has invested more than **\$2 million** in the program.

- Participants have become **champions** of critical programs and processes. Novant Health has developed an **EMR optimization team**.
- A yearlong **on-boarding program** has been launched for all new physicians. The program incorporates wellness, resiliency and empathetic communication skills.



Participants rank in the 97th percentile in both **engagement** and **alignment** with the organization. Prior to the program, scores were in the 60th percentile.



Several initiatives have been launched as a result of the program's dialogue.



Participants scored higher – often by more than **50 percent** – than others on many key measures:

- + personal fulfillment
- + alignment with the health system's mission
- + positive attitudes toward the organization



Novant Health's medical group, as a whole, now ranks in the **90th percentile** nationally in physician engagement.



Novant Health received dozens of notes saying the program has: + reignited passion for medicine
+ improved personal wellbeing
+ saved marriages

https://www.google.com/search?q=New+England+Journal+of+Medicine+2018+community

+and+physician+burnout&og=New+England+Journal+of+Medicine+2018+community+and+physician+burnout&ags=chrome..69i57.13346j0i8&sourc





Hearing about it in patient care

Secure https://www.umassmed.edu/cfm/mindfulness-based-programs/mbsr-courses/about-mbsr/history-of-mbsr/

Bookmarks 🍃 Home: Hirsh Health.. 🔿 Sounds True Digital.. 🗅 Smail 💰 Apple 🐞 iCloud 📑 Seebook 🗈 Twitter 💰 Apple 🛗 News 🔮 Google 🛅 Linkedin



Mindfulness-Based Programs Professional Education Research Mindfulness in Medicine CommonGood Community

Center for Mindfulness > Mindfulness-Based Programs > MBSR Courses > About MBSR > History of MBSR

History of MBSR

Since its inception, more than 24,000 people have completed our Mindfulness-Based Stress Reduction (MBSR) Program and learned how to use their innate resources and abilities to respond more effectively to stress, pain, and illness.



ABOUT MBSR MBSR: Journal Articles MBSR Standards of Practice History of MBSR

Mindful Awareness Research Center UCLA Semel Institute for Neuroscience and Human Behavior

0

760 Westwood Plaza, Rm. C8-243 Box 951759 Los Angeles, CA 90095-1759

HE AMERICAN BOARD AT A SCHOOL . .

C Becure https://www.nyu.edu/students/communities-and-groups/student-diversity/spiritual-life/mindfulness.html

ops ★ Bookmarks 🍹 Home: Hirsh Health... 🛇 Sounds True Digital... 🗅 Gmall 🛎 Apple 🛎 ICloud 💽 Facebook 🗈 Twitter 📹 Apple 🗀 News 🗅 Google 🕼 Linked

MindfulNYU

Religious and Spiritual Life

Mindfulness, Meditation, and Yoga

Free Meditation and Yoga

Student Groups at MindfulNYU

Events, Trainings, and Programs

Mindfulness Resources and Media

Multifaith Leadership

About Us

Inhale. Exhale. Repeat. Based in Eastern philosophy from over 2600 years ago, mindfulness practice is the intentional, present moment awareness of our thoughts, feelings, sensations, and surroundings without judgment. Through the use of a bodily anchor, such as your breath, you can slow down and awaken to the life that is unfolding in the here and now.

MindfulNYU is the award-winning meditation, mindfulness, and contemplative life initiative that promotes wisdom, compassion, and well-being on campus — and beyond. In addition to curating resources that are available online, MindfulNYU hosts daily yoga classes, group meditation, large scale events and mindfulness workshops for students, faculty and staff. A commitment to offering inclusive, transformative experiences based in love, community and healing is at the foundation of our mission.

Yoga and Meditation Class Schedule

_

Join Mindfulness Groups on Campus

_

Explore Mindfulness Resources



And in residency . . .

Research

Original Investigation

Web-Based Cognitive Behavioral Therapy Intervention for the Prevention of Suicidal Ideation in Medical Interns A Randomized Clinical Trial

Constance Guille, MD; Zhuo Zhao, MS; John Krystal, MD; Breck Nichols, MD; Kathleen Brady, MD, PhD; Srijan Sen, MD, PhD

IMPORTANCE In the United States, approximately 1 physician dies by suicide every day. Training physicians are at particularly high risk, with suicidal ideation increasing more than 4-fold during the first 3 months of internship year. Despite this increase, to our knowledge, very few efforts have been made to prevent the escalation of suicidal thoughts among training physicians.

OBJECTIVE To assess the effectiveness of a web-based cognitive behavioral therapy (wCBT) program delivered prior to the start of internship year in the prevention of suicidal ideation in medical interns.

Editorial page 1169

- Author Audio Interview at jamapsychiatry.com
- Supplemental content at jamapsychiatry.com

- Other examples
 - Riley Children's Hospital implementing "opt out" program for seeing a counselor during internship

https://www.ncbi.nlm.nih.gov/pubmed/26535958


How can we integrate improvement in joy at work into the current QI paradigm at our institutions?





1. Find a champion and partners

Interested?

Doing something already that you could build on?



- Personal/professional
 - Medical school faculty or program directors
 - Other schools at your institution (e.g., business, social work)
 - Behavioral health staff who are teaching skills to patients

- Systems:
 - QI staff
 - Leaders
 - Managers and leadership (e.g., business)
 - Other schools at your institution (e.g., engineering)
 - Other hospitals/industries



comprehensive statewide collaborative to address the rising tide of burnout among health care professionals. Burnout is a response to excessive job stress and is defined by the three dimensions of emotional exhaustion, cynicism and inefficacy.

In 2016, on behalf of its member hospitals and health systems, MHA began conducting a statewide survey to assess the prevalence of burnout among physicians and advanced practice providers (APPs) such as nurse



2. Decide on a focus

What will work with your program? Will you focus on the system, professional, or personal level? Who will you target? How will you make your case?







3. Reframe the conversation Change the "negativity bias" and build on the power of language



4. Think creatively

How do we translate ideas or ongoing activities into a QI project with aim(s), measures, change strategies, measurement, participants?



5. Steal shamelessly and share seamlessly

Use of national resources



White paper, toolkit, collaborative, "course" in Spring and Fall 2018, Focus at December 2018 meeting



"Organizations and leaders that want to improve joy can do so using the same methods of aim setting, tests of change, and measurement that they use in the more familiar terrain of clinical and operational process improvement." Don Berwick

See: http://www.ihi.org/Topics/Joy-In-Work/Pages/default.aspx



National Academies of Sciences, Engineering, and Medicine (NASEM)



Featured Resources



THE AMERICAN BOARD OF PEDIATRIC American Medical Association (AMA)



Accreditation Council for Graduate Medical Education (ACGME)

S Preventing Physician Burnout | ×
 ACGME > What We Do > Initiat ×
 Www.acgme.org/What-We-Do/Initiatives/Physician-Well-Being/Education
 Apps ★ Bookmarks Fracebook Thish Health...
 Sounds True Digital...
 Cmail \$ Apple \$ ICloud Fracebook This Twitter \$ Apple \$

Webinars

Combating Burnout, Promoting Physician Well-being Building Blocks for a Healthy Learning Environment in GME

In this webinar developed from the popular session at the 2016 Annual Educational Conference, Drs. Carol Bernstein and Lyuba Konopasek provide a hands-on approach on how to conduct a needs assessment for developing a resident well-being plan. This allows designated institutional officials, program directors, and program coordinators to identify stressors and supports, along with curricular innovations, coaching strategies, and faculty development activities to use in the clinical learning environment.

A full-length version of the Combating Burnout, Promoting Physician Well-being: Building Blocks for a Healthy Learning Environment in GME webinar is available in the ACGME's Bridge learning management system (LMS). The Bridge LMS provides a robust and flexible platform for video and learning resources and a secure and accessible delivery mechanism for members of the GME community. Visit www.tiny.cc/acgme to access ACGME's Bridge LMS portal and create a user account. Once you have created a user account, go to the Learning Environment in GME webinar. Note Burnout, Promoting Physician Well-being: Building Blocks for a Healthy Learning Environment in GME webinar. Note that use of the ACGME's Bridge LMS is limited to members of the GME community.

Free Registration to View Webinar (presented July 13, 2016)

Webinar Resources

🔀 Webinar Slides

- Inventory of Elements of Your Institutional Well-Being Plan
- Inventory of Element of Your Program's Well-Being Plan.
- Short and Long Term Well-Being Action Plan Items
- Stressors and Supports Exercise

Partner Resources



Association of American Medical Colleges



I have the privilege of cochairing the NAM Action Collaborative alongside Chair Victor Dzau, MD, NAM president, and Cochair Tom Nasca, MD, MACP, CEO of the Accreditation Council for Graduate Medical Education (ACGME). At our July meeting, the public and invited experts included representatives from professional associations, health care organizations, government, insurers,

academia, nonprofits, and other sectors to provide feedback on the collaborative's overall direction, as well as on the goals of the collaborative's four working groups; research, data, and metrics; the conceptual aamcnews@aamc.org

RELATED RESOURCES

Creating Learning Environments That Promote Physician
Resilience
AAMCNews