### **Supplemental Material**

RRNeT: Predictors of Family Physician Wellness and Burnout Survey

We are asking you to take part in a research study being conducted by Nehman Andry, MD at University of Texas Health Science Center at San Antonio (UTHSCSA) about predictors of family physician wellness and burnout. The purpose of this study is to understand the demographic, psychological, environmental, and work-place characteristics that impact resilience and burnout among 400+ family medicine residents and physicians. We want to learn, on average, what factors are related to the risk of burnout and investigate protective elements that enhance physician resilience. We are asking you to take part in this survey because you are a family medicine physician or resident, and we want you to reflect on your level of resiliency, personal wellness, burnout, psychological flexibility, and workplace stress.

If you decide to take part in this study, you will answer a series of questions regarding your physical and emotional well-being, your ability to recover after a set-back, as well as your feelings and actions as they relate to interactions with patients and your work environment. **The survey will take approximately 10-15 minutes to complete.** Your decision to participate is voluntary. You are free to decline participation in the study or to stop at any time. Whatever your decision, it will not affect your relationship with your clinic or with UTHSCSA. If you are taking this survey online, after you start, you may move back and forth between pages and change answers or skip questions if you like. But if you leave the survey before the end, you will not be able to return to the same place in the survey at a later time. The survey will re-start at the beginning. We will not record your name, e-mail address, or IP address. Your responses will be completely anonymous.

There is no health or personal risk for participating and compensation will not be provided. We do not expect that you will benefit from being in the study. However, information from all participating family medicine physicians and residents will provide a larger picture of the factors affecting physician wellness and burnout. This may help us improve policy and practice, which could improve your overall well-being.

We will protect your privacy by not putting your name on the information you provide. If we publish the results of the study in a scientific journal or book, we will not identify you in any way.

The primary researcher on this project is listed below with contact information. If you have questions now or later, please contact the researcher at the number or e-mail below:

#### Nehman Andry, M.D. (210) 567-0479 or ANDRY@uthscsa.edu; UTHSCSA

The University of Texas Health Science Center at San Antonio committee that reviews research on human subjects (Institutional Review Board) will answer any questions about your rights as a research subject. Their offices can be reached at (210) 567-2351.

If you consent to participate in the survey found on the next page, please check the appropriate box. If you do not consent to participate today, you may exit the survey now or at any point on the following pages.

- o Yes, I consent to participate in this survey.
- o No, I do not consent to participate in this survey.

The purpose of this study is to understand the demographic, psychological, environmental, and workplace characteristics that impact resilience and burnout among family medicine residents and physicians. This survey addresses your feelings and experiences with your work and personal wellbeing.

### QUESTIONS ABOUT YOU AND YOUR PRACTICE

What is your sex?	0 0	Male Female		
What is your age?		Ageyears		
What is your race/ethnicity? Please check all that apply.				
Please describe your practice		Family Medicine Training Program Faculty Practice Group Private Practice Solo Private Practice		Community Health Center/FQHC Other (please specify):
Where do you practice?		Austin Corpus Christi Dallas Edinburg Fort Worth Garland		McAllen San Antonio – Christus Santa Rosa
Are you a?		Resident Fellow Faculty Practicing Physician (Not Faculty or Trai	inee)	
Are you a graduate of a(n):	0 0	United States medical school Foreign (International) medical school		
What year did you – or will you – graduate from residency?		Year		

RELATIONSHIP AND FAMILY STATUS	
Please describe your relationship status.	<ul> <li>Single</li> <li>In a relationship</li> <li>Married</li> <li>Divorced</li> <li>Widowed</li> </ul>
How satisfied do you feel in your current relationship?	<ul> <li>Very unsatisfied</li> <li>Unsatisfied</li> <li>Neither unsatisfied nor satisfied</li> <li>Satisfied</li> <li>Very satisfied</li> <li>Not in a current relationship</li> </ul>
Do you have children? (You may check more than one answer).	<ul> <li>No</li> <li>Yes, ages 0-5</li> <li>Yes, ages 6-12</li> <li>Yes, ages 13-19</li> <li>Yes, age 20 or higher</li> </ul>

## PHYSICIAN STRESS

Please	answer the following with regard to your									
feeling	zs:	Never	A few times a year or less	Once a month or less	A few times a month	Once a week	A few times a week	Every day		
1.	I feel emotionally drained from my work.	0	0	0	0	0	0	0		
2.	I feel used up at the end of the workday.	0	0	0	0	0	0	0		
3.	I feel fatigued when I get up in the morning and have to face another day on the job.	0	0	0	0	0	0	0		
4.	I can easily understand how my patients feel about things.	0	0	0	0	0	0	0		
5.	I feel I treat some patients as if they were impersonal objects.	0	0	0	0	0	0	0	0	o
6.	Working with people all day is really a strain for me.	0	0	0	0	0	0	0	0	o
7.	I deal very effectively with the problems of my patients.	0	0	0	0	0	0	0	0	o
8.	I feel burned out from my work.	0	0	0	0	0	0	0		

# Please answer the following with regard to your

feelings:

	Never	A few times a year or less	Once a month or less	A few times a month	Once a week	A few times a week	Every day	
<ol> <li>I feel I'm positively influencing other people's lives through my work.</li> </ol>	0	0	0	0	0	0	0	
10. I've become more callous toward people since I took this job.	0	0	0	0	0	0	0	
11. I worry that this job is hardening me emotionally.	0	0	0	0	0	0	0	
12. I feel very energetic.	0	0	0	0	0	0	0	
13. I feel frustrated by my job.	0	0	0	0	0	0	0	
14. I feel I'm working too hard on my job.	0	0	0	0	0	0	0	
15. I don't really care what happens to some patients.	0	0	0	0	0	0	0	
16. Working with people directly puts too much stress on me.	0	0	0	0	0	0	0	
17. I can easily create a relaxed atmosphere with my patients.	0	0	0	0	0	0	0	
18. I feel exhilarated after working closely with my patients.	0	0	0	0	0	0	0	
19. I have accomplished many worthwhile things in this job.	0	0	0	0	0	0	0	
20. I feel like I'm at the end of my rope.	0	0	0	0	0	0	0	
21. In my work, I deal with emotional problems very calmly.	0	0	0	0	0	0	0	
22. I feel patients blame me for some of their problems.	0	0	0	0	0	0	0	

# SETBACKS AND RECOVERY

	e following scale to choose a statement indicating how you disagree or agree with each of the statements.	Strongly disagree	Disagree	Neutral	Agree	stron agr	Delete
1.	I tend to bounce back quickly after hard times.	0	0	0	0	þ	Delete ¶
2.	I have a hard time making it through stressful events.	0	0	0	0	d	Delete
3.	It does not take me long to recover from a stressful event.	0	0	0	0	0	1
4.	It is hard for me to snap back when something bad happens.	0	0	0	0	0	
5.	I usually come through difficult times with little trouble.	0	0	0	0	0	
6.	I tend to take a long time to get over set-backs in my life.	0	0	0	0	0	

In the past year, have you experienced a stressful life event that affected your mood and/or your energy? Stressful events can be negative or positive or "mixed blessings." What type of events have affected you in the past year? Please check all that apply.

Loss of a loved one	New
Victimized by crime	Buyir
Health crisis – self or loved one	Planr
Financial crisis	Start

- Professional crisis
- Relationship crisis

- baby
- ing or remodeling a house
- ning a wedding
  - ting a new job
- Other
- Not applicable no major life events

# EMOTIONAL ASPECTS OF PATIENT CARE

Please rate the truth of each statement as it applies to your experience of providing medical care *at this moment*.

		Never true	Very rarely true	Seldom true	Sometimes true	Often true	Almost always true	Always true
1.	I am comfortable sitting quietly when my patient is crying.	0	0	0	0	0	0	0
2.	I accept that I cannot make my patients change unhealthy habits or manage their diseases better.	0	0	0	0	0	0	0
3.	I allow myself to experience anger, sadness, or frustration in my daily practice of medicine.	0	0	0	0	0	0	0
4.	I won't sacrifice my personal time to catch up on office work, even though it would help me feel less stressed at work.	0	0	0	0	0	0	0
5.	I'm able to empathize with my patients even when I'm running behind schedule.	0	0	0	0	0	0	0
6.	The pressure of daily practice doesn't prevent me from enjoying myself at work.	0	0	0	0	0	0	0
7.	Helping patients with emotional problems is a rewarding part of my medical practice, even though it can be emotionally draining at times.	0	0	0	0	0	0	ο
8.	I am able to manage difficult interactions with staff or colleagues, even though my own thoughts or emotions may be negative.	0	0	0	0	0	0	ο
9.	I don't take my work stress home with me.	0	0	0	0	0	0	0

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Please rate the truth of each statement as if it applies to your experience of providing medical care <i>at this</i> <i>moment</i> .	Never true	Very rarely true	Seldom true	Sometimes true	Often true	Almost always true	Always true
10. Accepting my negative reactions to a stressful situation is part of how I cope with it.	0	0	0	0	0	0	0
11. I allow myself to feel guilty when I make a medical error.	0	0	0	0	0	0	0
<ol> <li>Despite the stress of daily practice, I still act according to my values as a person and a professional.</li> </ol>	0	0	0	0	0	0	0
13. I am aware of tension in my body when work is stressful.	0	0	0	0	0	0	0
14. I don't have to control my negative thoughts and feelings at work to do a good job.	0	0	0	0	0	0	0
15. When I'm frustrated with a patient, I am still able to provide the same quality of care as I do for a patient I like.	0	0	0	0	0	0	0
16. I don't ruminate excessively about a difficult medical decision after the fact.	0	0	0	0	0	0	0
17. I don't avoid calling a patient back even if I know the patient is angry or unhappy with me.	0	0	0	0	0	0	0
18. I am able to continue with my daily practice as usual after an interaction with an emotionally challenging patient.	0	0	0	0	0	0	0
19. I use daily routines that help me stay focused, aware, and attentive of the patient's needs.	0	0	0	0	0	0	0
20. I don't struggle with my emotions before, during, or after I see a difficult, hostile patient.	0	0	0	0	0	0	0

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## WORKPLACE INTERACTIONS

Below is a list of specific situations that may cause stress for people working in medical settings. Please rate the extent to which each situation is stressful for you *at this moment*.

		Not Stressful	Very Mild Stress	Mild Stress	Moderate Stress	Greater Than Moderate	Highly Stressful	Extremely Stressful
1.	Patients wait too long because of office flow problems.	0	0	0	0	0	0	0
2.	My schedule is too tight to address more than one or two problems.	0	0	0	0	0	0	0
3.	Chart and other important records information is not available.	0	0	0	0	0	0	0
4.	Not enough time to address multiple medical and mental health problems in complex patients.	0	0	0	0	0	0	0
5.	Dealing with interruptions and other annoyances during clinic/workday.	0	0	0	0	0	0	0
6.	Unrealistic productivity standards from my employer/practice partners.	0	0	0	0	0	0	0
7.	Billing and coding processes are hard to understand and/or time consuming.	0	0	0	0	0	0	0
8.	Preauthorization for patient procedures and medications.	0	0	0	0	0	0	0
9.	Support staff turnover and lack of training impact practice flow.	0	0	0	0	0	0	0
10.	Communicating with managers who seem to be more concerned with "numbers" than with quality of care.	0	0	0	0	0	0	0
11.	Work hours are too long.	0	0	0	0	0	0	0

# TIME MANAGEMENT

Please tell us about how you spend your time and how you would prefer to spend your time.

# Please fill in your response with a percentage in increments of 10%. (10%, 20%, 30%, 40%..... 100%)

L0%. (10%, 20%, 30%, 40%,, 100%)	How much time do you ACTUALLY spend in this task?	How much time would you realistically PREFER to spend in this task?
1. Direct Clinical Care		
2. Care Coordination Related to Clinical Care (paperwork, follow up)		
3. Teaching or Precepting Residents		
4. Teaching or Precepting Medical Students		
5. Clinical or Administrative Leadership		
6. Research		

### PERSONAL HABITS

Please tell us about your personal wellness practices.

		Less than once a week	Once a week	Two to three times a week	Four to five times a week	More than five times a week
1.	How often do you get enough sleep?	0	0	0	0	0
2.	How often do you eat healthy meals with fruit or vegetables?	0	0	0	0	0
3.	How often do you get 30 minutes or more of exercise?	0	0	0	0	0
4.	How often do you meditate/pray or practice relaxation or mindfulness exercises?	0	0	0	0	0
5.	How often do you participate in activities outside of work that you enjoy, such as hobbies, reading, music, art or travel?	0	0	0	0	0
6.	How often do you laugh?	0	0	0	0	0
7.	How often do you feel grateful for things or people in your life?	0	0	0	0	0
8.	How many days off have you had in the past 30 days?		days			

### Do you have someone to confide in? If so, who are they? Please check all that apply.

Do you have a close colleague who has ever had any involvement with Physicians Health Program of Texas?	0 0 0	Yes No I do not know what Physicians Health Program is.	
Have you ever had any contact with Physicians Health Program of Texas?	0 0 0	Yes No I do not know what Physicians Health Program is.	
PHYSICIANS HEALTH PROGRAM OF TEXAS			

Please tell us your opinions about Physicians Health Program of Texas. (Ex: Are they helpful? Would you seek help from them voluntarily? What might they do in order to be more helpful?)

Please tell us your opinions about the Texas Medical Board's support for physicians who need mental health treatment. (Ex: Are they helpful? Would you seek help from them voluntarily? What might they do in order to be more helpful?)

### SUPPORT HELPLINES

Physicians in need of mental health support may contact a Behavioral Science Faculty member at their institution or may seek assistance from one of the entities listed below:

Baylor Scott and White Employee Assistance Program – 866-605-4700

Christus Health Benefits Resource Center - 866-515-1333 - Employee Assistance - Option 2, Option 8 John Peter Smith Employee Assistance Program - 817-702-1688

Methodist Health System Behavioral Health and Addiction Recovery - 469-204-6920 or 469-204-6900 Texas Tech University Employee Assistance Program - Lubbock - 806-743-1327 or for other locations 800-327-0328

University of Texas Health Science Center at San Antonio Employee Assistance Program - 800-346-3549 University of Texas at Rio Grande Valley Employee Assistance Program - 713-500-3327 or 800-346-3549 Valley Baptist Medical Center - Harlingen - Employee Assistance Program - 956-389-6876

### Additional support can be sought through the following:

Depression and Bipolar Support Alliance - 800-826-3632 Mental Health America - 800-969-6642 National Alliance on Mental Illness - 800-950-6264 National Suicide Prevention Hotline - 800-273-8255 Substance Abuse and Mental Health Services Administration - 800-662-4357

### THANK YOU!

Thank you for participating in this survey!

If you have any questions about the survey, the primary researcher on this project is listed below with contact information. Please contact the researcher at the number below:

Nehman Andry, M.D. (210) 567-0479 - ANDRY@uthscsa.edu; UTHSCSA

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Survey items from: Brief Resilience Scale, Maslach Burnout Inventory, Primary Care Provider Acceptance and Action Questionnaire (PCP-AAQ), and Primary Care Provider Stress Checklist (PCP-SC)

### TABLE 2

Demographics of Faculty Physician Sample (N=103)

Demographics	Ν	Valid %
<b>Age</b> (M = 46.59, SD = 10.91)		
Race/ Ethnicity		
White/ Caucasian	61	59.2
Black/ African American	6	5.8
Hispanic or Latino/a	21	20.4
Asian/ Pacific Islander	12	11.7
Native American	2	1.9
Other	1	1.0
Gender		
Male	51	49.5
Female	52	50.5
Medical School		
U.S.	90	89.1
International	11	10.9
Missing	2	
Relationship status		
Single	14	13.7
In Relationship	9	8.8
Married	76	74.5
Divorced	3	2.9
Missing	1	
Children		
With	70	68.0
Without	33	32.0
<b>Years in Practice</b> (M = 46.59, SD = 10.91)		

# FIGURE Distribution of Overall Percent Time Misallocation

