

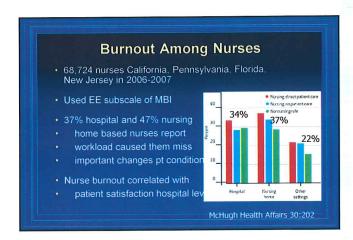


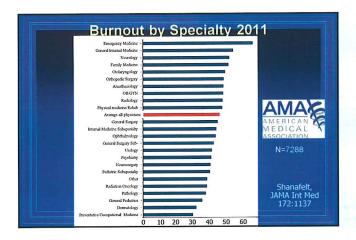


Dissatisfaction with Medical Practice  Changes in Care stress and purnout among critical care and medical surgical nurses;	
Prim: Burnout in internal medicine physicians: 1997 Differences between residents and specialists	
Recognising and combating compassion fatique in nursing.  Burnout among intensive care nurses.	
Moral Distress in Physicians and Nurses) and burnout in	
$_{\rm Burno}$ Confronting Depression and Suicide in Physicians	
A Consensus Statement	

#### What is Burnout? Burnout is a syndrome of depersonalization, emotional exhaustion, and low personal accomplishment leading to decreased effectiveness at work.

Burnout Among Nurses
10,184 hospital based nurses in Pennsylvania
43% burned out
Patient - nurse staffing ratios strongly related to burnout and job satisfaction
Approximately 23% increased risk burnout for each 1 additional patient per nurse
Intent to leave current job next 12 months:  - Burned out nurses = 43%  - Nurses without burnout = 11%
Aiken JAMA 288:1987 (2002





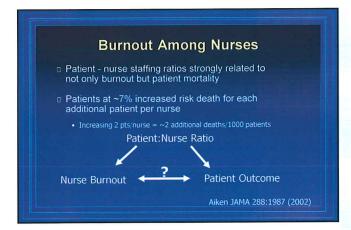
	Physicians n=6179	Population n=3442	р	
Hrs/Wk (median)	50	40	<0.001	
Burnout*	38%	28%	<0.001	
Dissatisfied WLI	40%	23%	<0.001	

### Pooled Multi-variate Analysis Physicians and Population • Adjusting for: • Age, gender, relationship status, hours worked/week, education • Factors associated burnout (all p<0.0001): • Increasing age (OR: 0.986 each year older) • Married (OR vs. single 0.71) • Hours worked (OR=1.017 each hour) • Education¹: • Bachelors degree: OR=0.8 • Masters degree: OR=0.71 • Doctorate or non-MD/DO professional degree: OR=0.6 • MD/DO: OR=1.36 Shanafelt, JAMA Int Med 172:1137

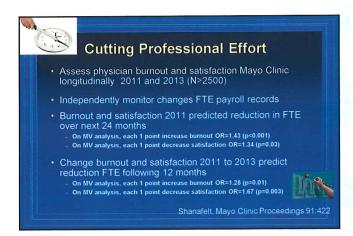
# When does burnout start? • Matriculating medical students better mental health than college graduates pursuing other fields • Lower burnout • Less depression • Higher QOL (overall, mental, emotional, physical) • Pattern reversed by 2<sup>nd</sup> year medical school • Burnout crescendos during residency • In practicing physicians, burnout and dissatisfaction WLB peaks mid-career (10-19 years in practice) Brazeau Academic Med 89:1520; Dyrbye Mayo Clinic Proc 88:1358

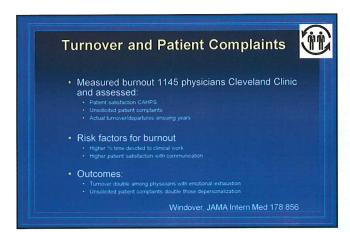


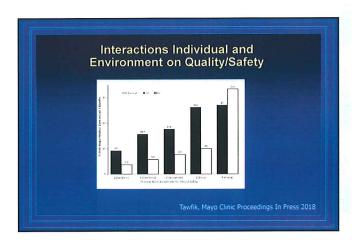


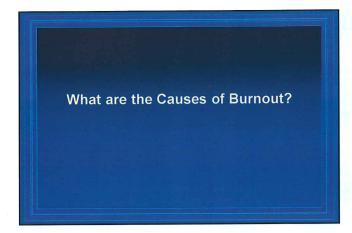


# Burnout and Mortality Ratios • Evaluated burnout 54 ICU's in Switzerland • Physicians (n=243) • Nurses (n=1130) • Determined mean burnout score each unit and evaluated correlation standardized mortality ratios • Multi-variable analysis adjusting for work-load experience and other factors • EE at unit level correlated with standardized mortality ratio (B=0.39; p=0.03) • Burnout problem for entire team and patients cared for Welp. Frontiers Psychology 5:1573



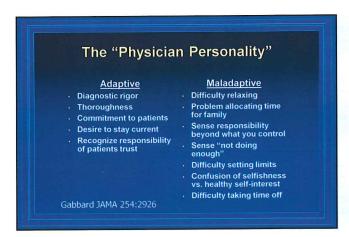


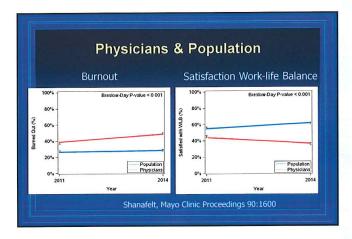


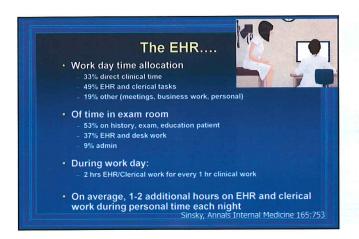


#### Causes of Distress Medical Providers • ↑ clinical demands • Decreased autonomy • ↑ government/reimbursement issues • Decreased time with patients • Difficulty balancing personal & professional lives • Inefficiency and intrusion of EHR • Isolation









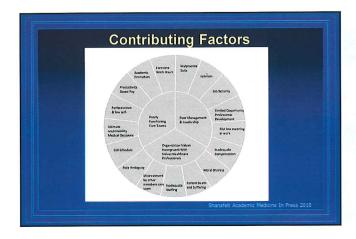


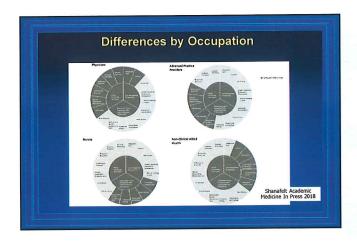
### Staffing and Burnout in Primary Care Survey MD, NP/PA, RN, LPN, clerical assistants (n=4010) Assessed: Panel size (within or overcapacity) After ours work (M-F; weekend) Team currently at full staff (1 provider, 1 RN, 1 LPN, 1 CA) Turnover on team last 12 mo Symptoms of burnout: MD: 49% RN: 42% LPN: 32% CA: 36% Helfrich, JGIM 32:760

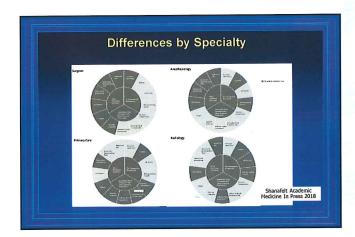


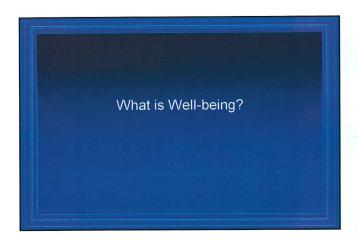




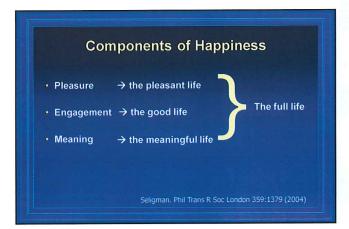






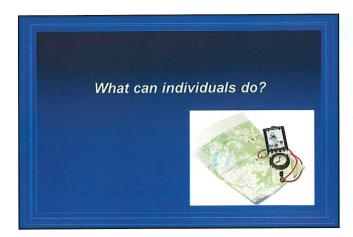


### Components of Happiness Pleasure (positive emotions) Eating ice cream; having a massage Engagement (being absorbed) Training marathon Meaning (serving something larger than self) Knowledge, goodness, family, community, justice Seligman. Phil Trans R Soc London 359:1379 (2004)

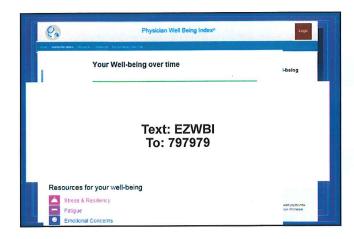


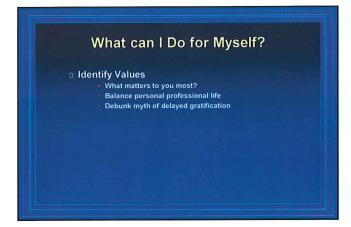
#### Theory: Flow Psychologic Selection: Individuals preferentially cultivate a limited subset of activities, values, and personal interests. Optimal selection creates "Flow": Deep concentration Intrinsic motivation High challenges - matched by adequate skills Massimini. American Psychologist 55:24 (2000)

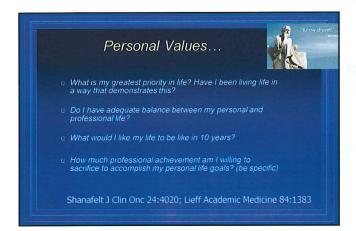


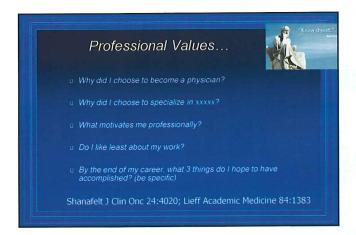












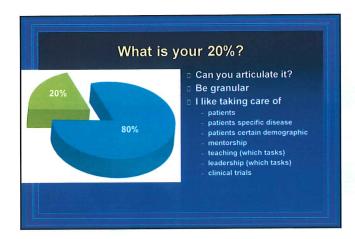
#### Common Themes Being a: Healer Expert Teacher Building successful practice Making discoveries Horowitz Annals Int Med 138:772; Schrijver PeerJ 4:e1783

#### Integrating Values Recognize that time, talents, energy are limited resources Determine which personal & professional goals most important to you Be honest where goals may be incompatible Determine how to integrate based on values There is no "right" formula...

# How Well Do Physicians Integrate Personal & Professional Lives? Residents report "Survival Attitude" - life on hold until the completion of residency 37% physicians report "Looking forward to retirement" is an essential "wellness promotion strategy" Many physicians may maintain strategy of delayed gratification throughout their entire career

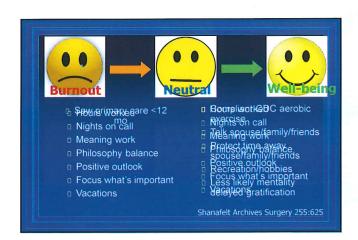
#### What can I Do for Myself? Identify Values What matters to you most? Balance personal professional life Debunk myth of delayed gratification Optimize meaning in work Flow Choose/limit type of practice Environment

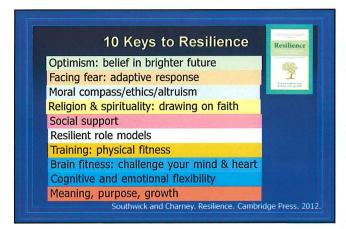
	Career "Fit"
□ 465 Int	ernal medicine physicians Mayo Clinic
Most p	ersonally meaningful aspect of work:
strong	ing <20% effort in most meaningful activity ly associated with burnout: % vs. 29.9%; p<0.001)
Persis	t MV analysis adjust other factors (OR 2.75;





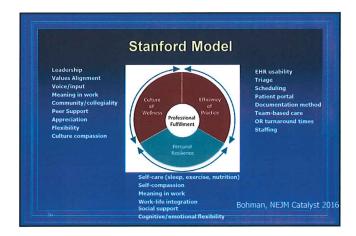




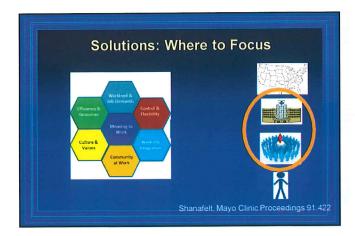




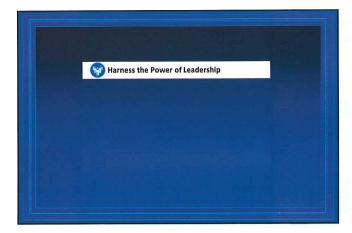


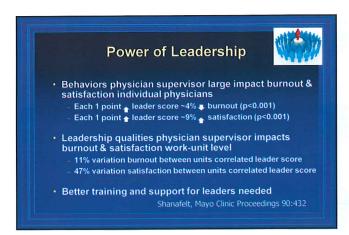




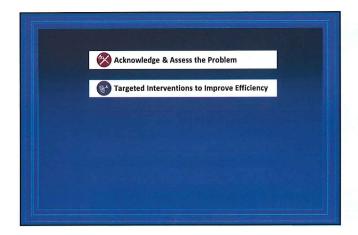


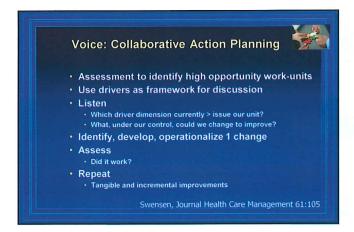




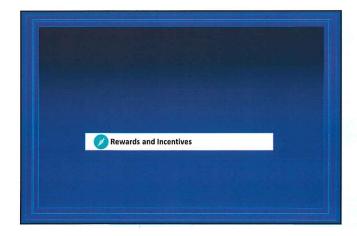


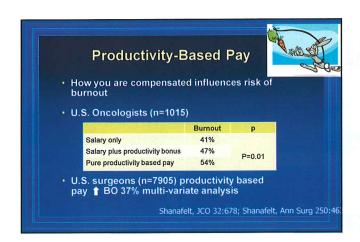
# What Were Key Leadership Behaviors? • Four key behaviors: • Keep informed • Humble inquire: asks suggestions how improve work unit • Facilitates career development • Recognizes job well done • How demonstrate?<sup>1,3</sup> • Annual review • Leadership Walkrounds • Structure, format, content of department meetings

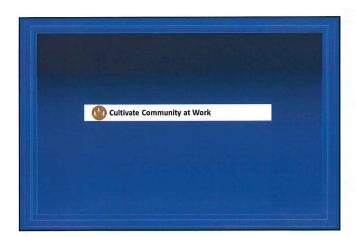


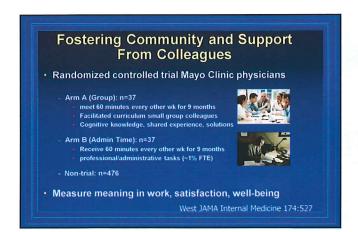


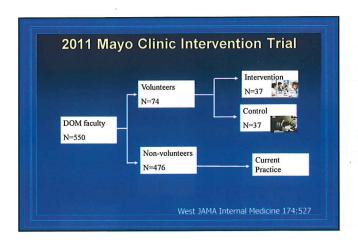
#### Voice: Collaborative Action Planning • When you've seen one unit you've seen one unit • "The system can ask the question but the answer is local." • It works • All units decrease burnout (median absolute decrease 11%) • 70% units improve satisfaction (median absolute improve 8%) • Breeds engagement • Physicians and leaders working together constructively • Change is possible • Physician as partner rather than victim • Empowered • "It was our idea" Swensen, Journal Health Care Management 61:105

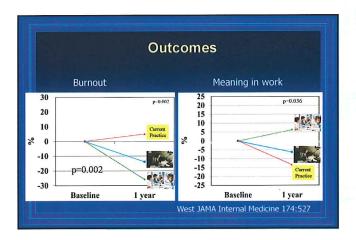


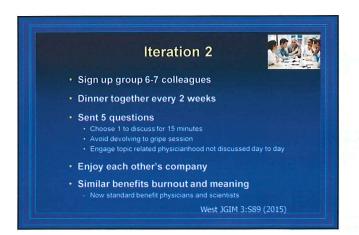




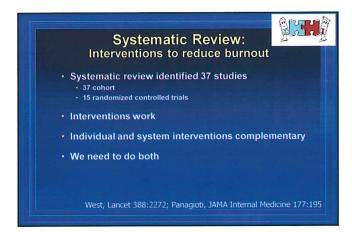












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2011	2013	2015	2010
22%	39%	32%	30%
8%	15%	12%	N/A
24%	40%	33%	N/A
2011	2	014	
32%	43% 23%		
19%			
38%	4	9%	
	2011 22% 8% 24% 2011 32% 19%	2011 2013 22% 39% 8% 15% 24% 40% 2011 2 32% 4 19% 2	22%     39%     32%       8%     15%     12%       24%     40%     33%       2011     2014       32%     43%       19%     23%



