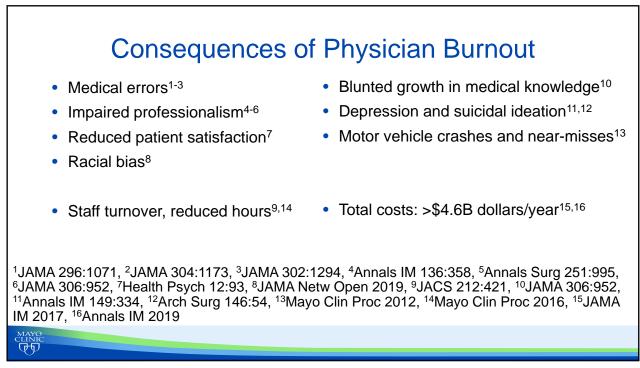
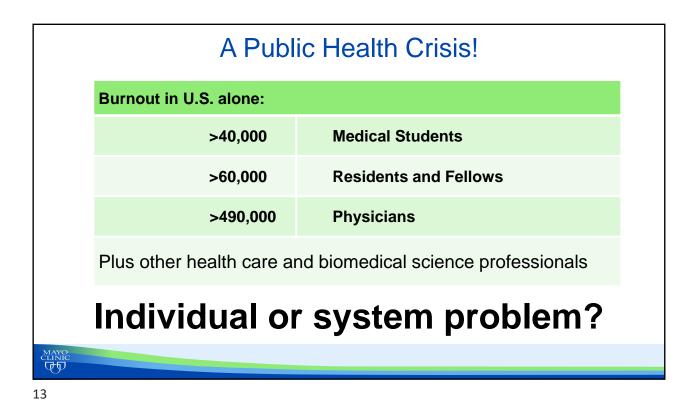


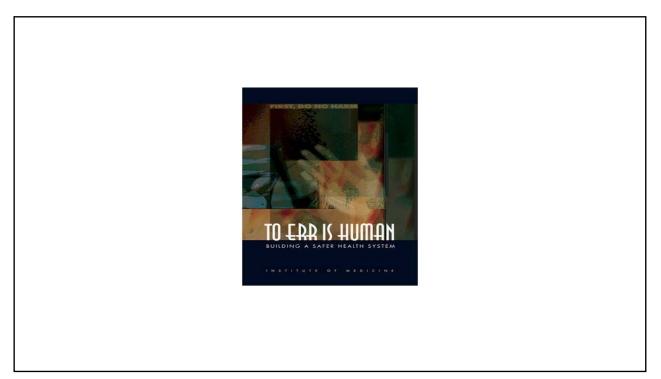
Employed Phy	sicians vs. Emplo	byed U.S. Pop	oulation
	Physicians n=3971	Population n=5198	р
Male	57%	52%	<0.001
Age (median)	50	52	<0.001
Hrs/Wk (median)	50	40	<0.001
Burnout*	40%	28%	<0.001
Dissatisfied WLI	43%	21%	< 0.001

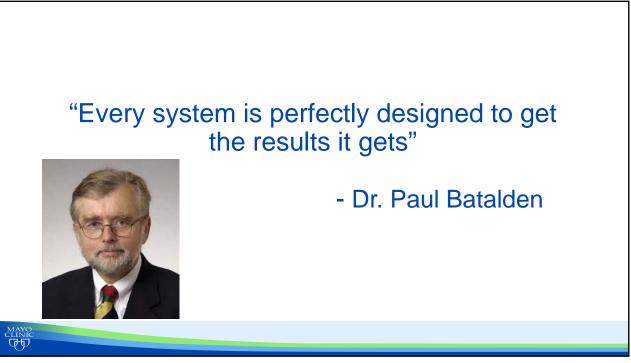
Shanafelt et al., Mayo Clin Proc 2019

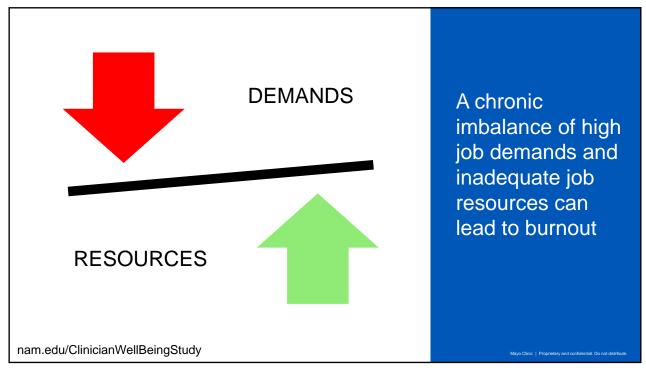
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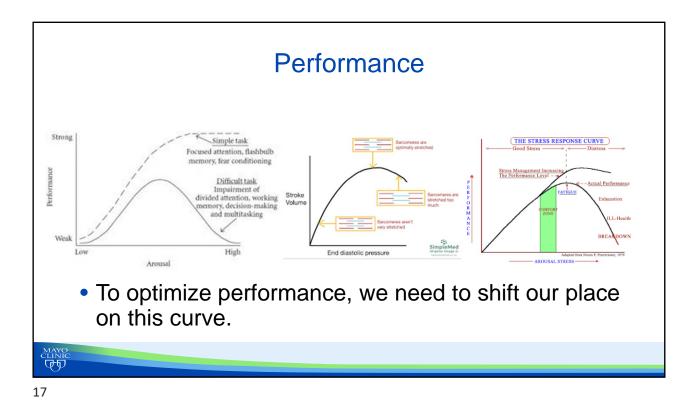


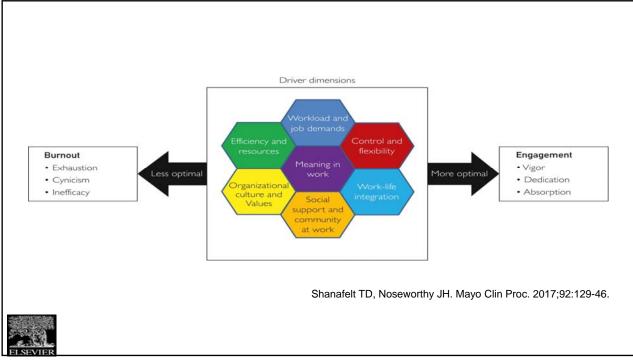




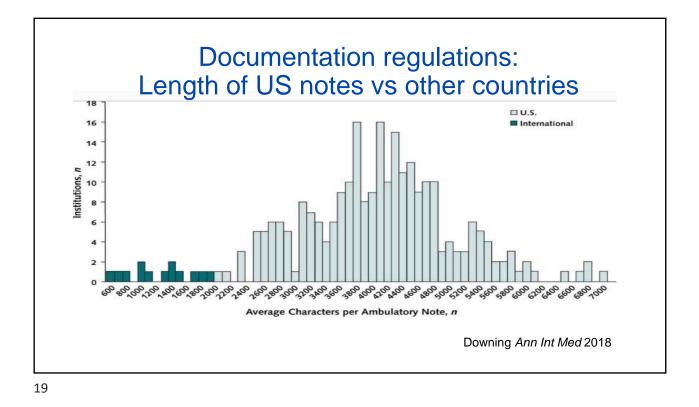


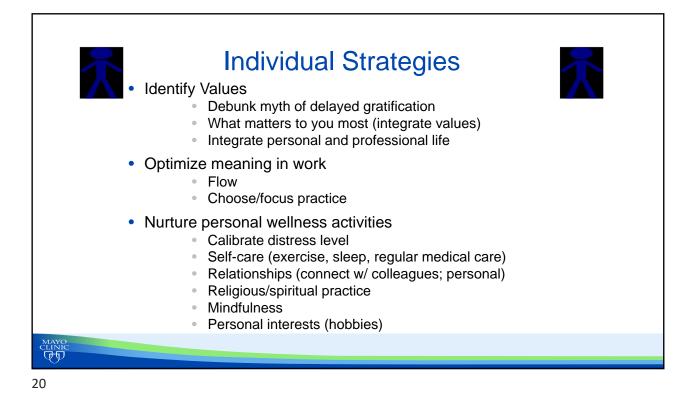


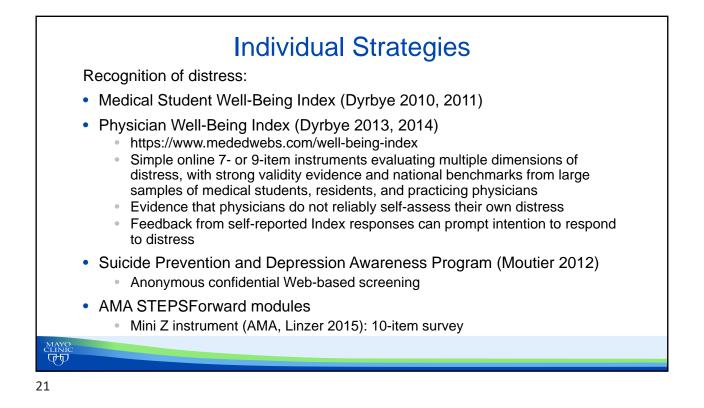


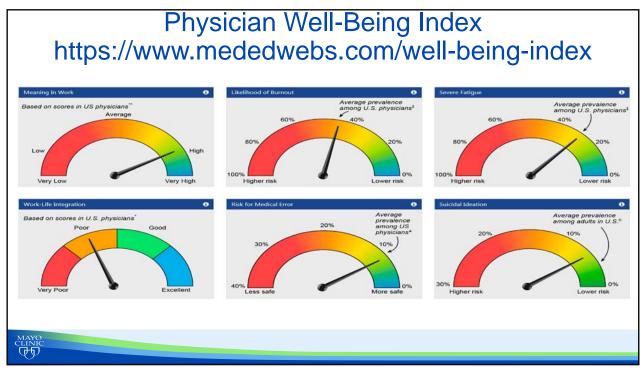








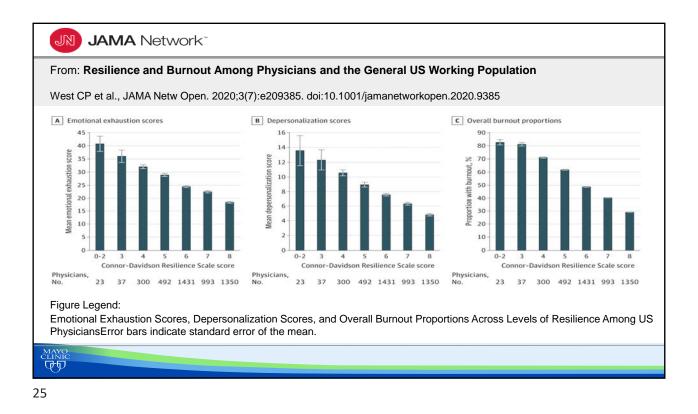


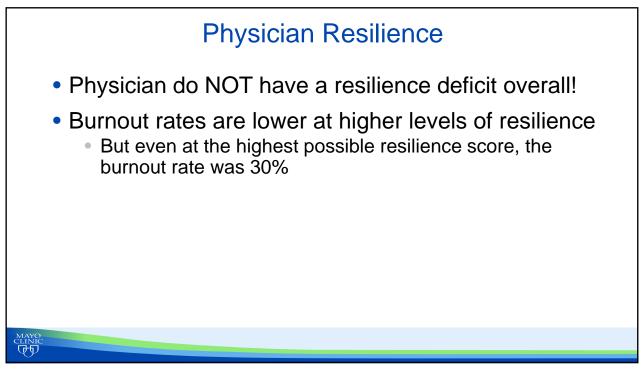


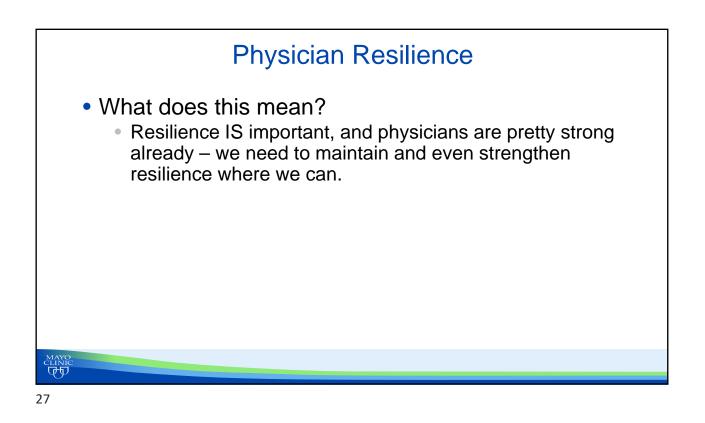


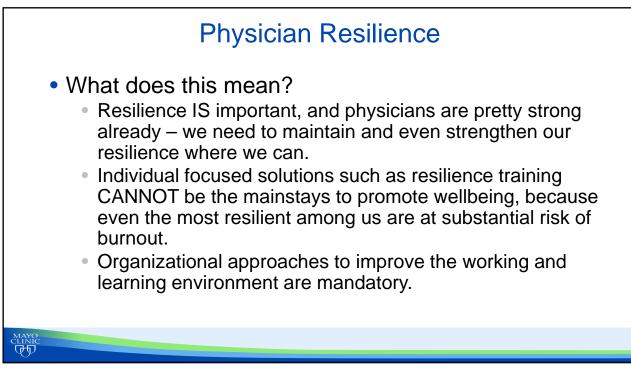
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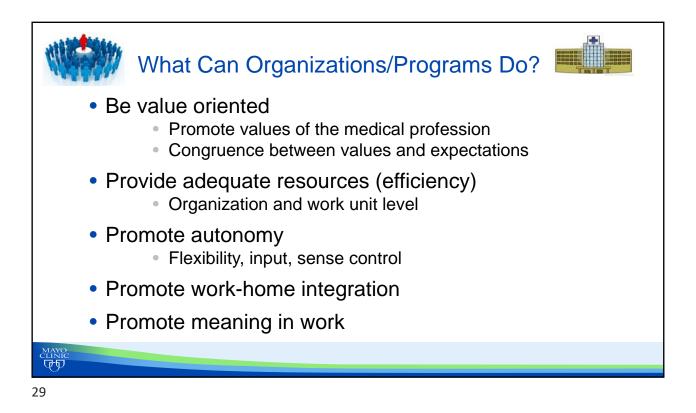
able 2. Resilience of Employed Physicians	and the General US Popula	ition Aged 29 to 65 Years	a.	
	No. (%)		-	
Query	Physicians (n = 3971)	Population (n = 5198)	P value	
I am able to adapt when changes occur				
Not true at all	17 (0.4)	34 (0.7)		
Rarely true	37 (0.9)	96 (1.9)		
Sometimes true	619 (15.8)	1058 (20.4)	<.001	
Often true	1935 (49.4)	2401 (46.3)		
Always true	1310 (33.4)	1599 (30.8)		
Score, mean (SD)	3.14 (0.80)	3.04 (0.74)		
I tend to bounce back after illness, injury, or other hardships				
Not true at all	16 (0.4)	32 (0.6)		
Rarely true	41 (1.0)	81 (1.6)		
Sometimes true	410 (10.5)	736 (14.2)	<.001	
Often true	1534 (39.3)	2273 (43.9)		
Always true	1905 (48.8)	2061 (39.8)		
Score, mean (SD)	3.35 (9.7)	2.20 (8.8)		* Scores are based in the Connor-Davidson Resilience
fotal score, mean (SD)	6.49 (1.30)	6.25 (1.37)	<.001	Scale (score ranges from 0 to 8).

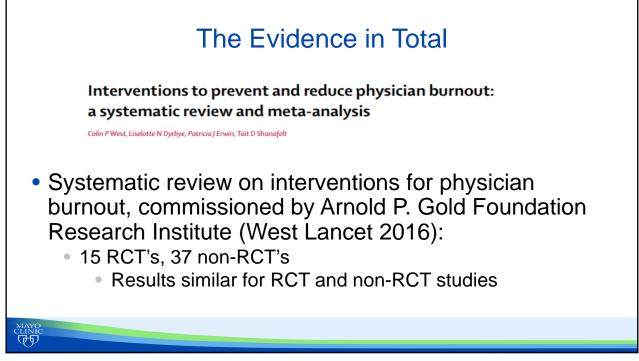


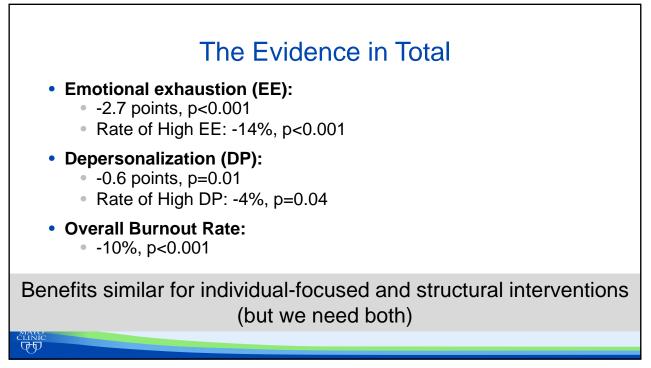




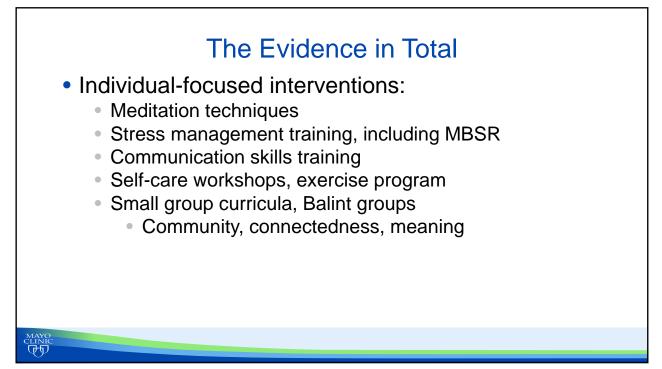


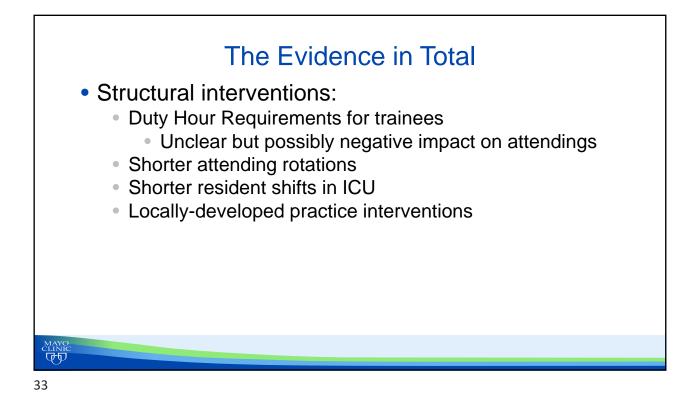
















Physician Well-Being: Approach Summary				
	Individual	Organizational		
Workload				
Work Efficiency/ Support				
Work-Home Integration/ Balance				
Autonomy/ Flexibility/ Control				
Meaning/Values				
CLINIC CLINIC				

Physician Well-Being: Approach Summary			
	Individual	Organizational	
Workload	Part-time status	Productivity targets Duty Hour Requirements Integrated career development	
Work Efficiency/ Support	Efficiency/Skills Training	EMR (+/-?) Staff support	
Work-Home Integration/ Balance	Self-care Mindfulness	Meeting schedules Off-hours clinics Curricula during work hours Financial support/counseling	
Autonomy/ Flexibility/ Control	Stress management/Resiliency Mindfulness Engagement	Physician engagement	
Meaning/Values	Positive psychology Reflection/self-awareness Mindfulness Small group approaches	Core values Protect time with patients Promote community Work/learning climate	

Drivers of burnout and engagement in physicians	Individual factors	Work unit factors	Organization factors	National factors	
Workload and job demands Efficiency and resources	Specialty Practice location Decision to increase work to increase income	Productivity expectations Team structure Efficiency Use of alled health professionals	Productivity targets Method of compensation Salary Productivity based Payer mix	Structure reimbursement Medicare/Medicaid Bundled payments Documentation requirements	
	Experience Ability to prioritize Personal efficiency Organizational skills Willingness to delegate Ability to say "no"	Availability of support staff and their expensence Patient check-in efficiency/process Use of scribet Team huddles Use of alled health professionals	Integration of care Use of patient portal Institutional efficiency - B-IR Appointment system Ordering systems How regulations interpreted and applied	Integration of care Requirements for Electronic prescribing Medication reconciliation Meaningful use of EMR Certificationa gency facility regulations (JCAHO) Precertifications for tests/treatments	
Meaning in work	Self-awareness of most personally meaningful aspect of work Ability to shape career to focus on interests Doctor-patient relationships Personal recognition of positive events at work	Match of work to talents and interests of individuals Opportunities for involvement Education Research Leadership	 Organizational culture Practice environment Opportunities for professional development 	Evolving supervisory role of physicians (potentially less direct patient contact) Reduced funding Research Education Regulations that increase clerical work	
Culture and values	Personal values Professional values Level of altruism Moral compass/ethics Commitment to organization	Behavior of work unit leader Work unit norms and expectations Equity/fairness	 Organization's mission - Service/quality vs profit Organization's values Behavior of senior leaders Communication/ messaging Organizational norms and expectations Just culture 	System of coverage for uninsured Structure reimbursement - What is rewarded Regulations	
Control and Rexibility	Personality Assertiveness Intentionality	Degree of flexibility: Control of physician calendars Clinic start/end times Vacation scheduling Call schedule	Scheduling system Policies Affidations that restrict referrals Rigid application practice guidelines	Precertifications for tests/ treatments Insurance networks that restrict referrals Practice guidelines	
Social support and community at work	Personality traits Length of service Relationship-building skills	Collegiality in practice environment Physical configuration of work unit space Social gatherings to promote community Team structure	Collegiality across the organization Physician lounge Strategies to build community • Social gatherings	 Support and community created by Medical/specialty societies 	Shanafelt TD, Nosewo
Work-life Integration	Priorities and values Personal characteristics Spouse/partner Children/dependents Health issues	Call schedule Structure night/weekend coverage Cross-coverage for time away Expectations/role models	Vacation policies Sick/medical leave Policies Part-time work Flexible scheduling Expectations/role models	Requirements for: Maintenance certification Licensing Regulations that increase clerical work	JH. Mayo Clin Proc. 2017;92:129-46.









