



Public wants annual physical exams

- ▶ 60 % respondents believe a physical exam is necessary annually.
- 90 % feel that a history with lifestyle questions about alcohol, smoking and vaccinations should be asked annually. Ann Intern Med. 2002;136(9):652-659.

Employer mandates for annual physical exams as terms for health care coverage.





**AT Gimes:** Employee Wellness Programs Use Carrots and, Increasingly, Sticks by <u>BEED ABELSON JAN. 24, 2016</u>

### Current recommendations



- Use visit to strengthen Patient Physician Community collaboration
- Use history to focus on symptoms and health risks
- Focus physical exam in elderly on vitals, neurosensory, mood, cognition, and function.
- Use check lists for preventive health screens (nutrition, immunizations, chemoprevention)
- ► Integrate structured life style counseling
- Establish life plan / goals
- ► Follow up recommendations through scheduled calls
- Integrate life style recommendations with group visits and community resources.

#### Geriatric Preventive Medicine axioms

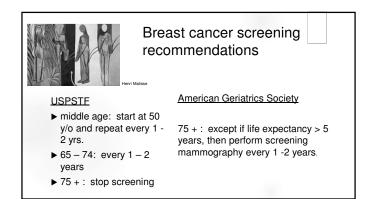
- Consider preventive measures relative to Active Life Expectancy, Functional status (physical & cognitive)
   e.g., Cholesterol lowering treatment in a 95 year old with active life expectancy of 98.
- Preventive health measures are both underused and overused in elderly
  - ▶ e.g. overused: cancer screen
  - ► e.g. underused: lifestyle changes (exercise)

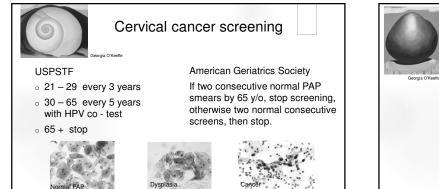


## Breast Cancer Screening



- Mammography screening trials do not include women > 75 y.o. • Conventional
- Digital: equals conventional, except 40 -49 y/o dense breast tx.
- 3-D digital: no RCTs versus digital
- Self breast exam: 2 large RCTs found no difference between self exam and no exam
- · Clinical breast exam no RCTs

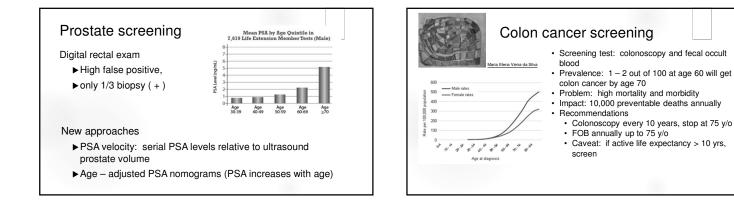


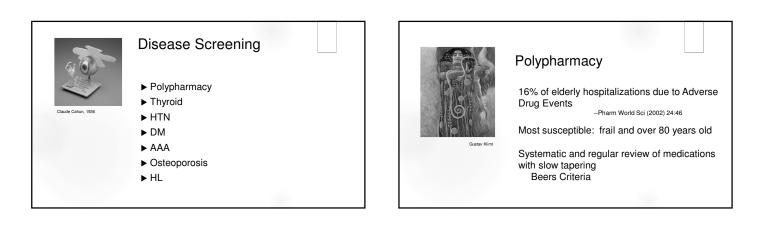


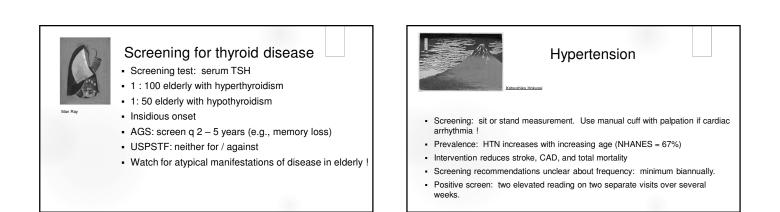
# Prostate cancer screening: PSA

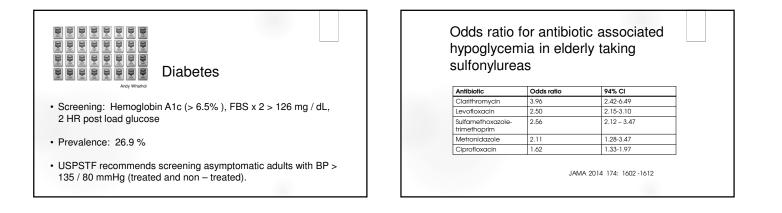
Two large RCTs

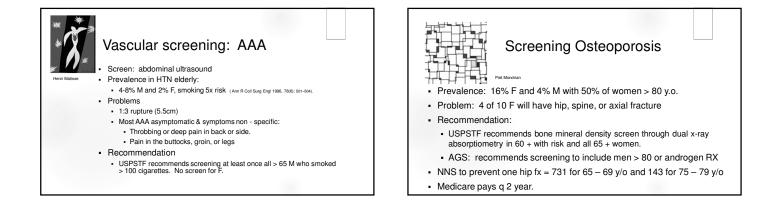
- Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (US)
  European Randomized Study of Screening for Prostate Cancer (EUR)
- ► No reduced mortality benefit over all age groups
- ERSPC found 20% prostate cancer mortality decrease in 55 64 y/o (most had radical prostatectomies)
- ► USPSTF recommends against PSA screening

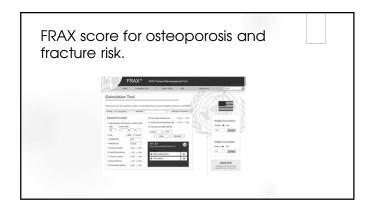


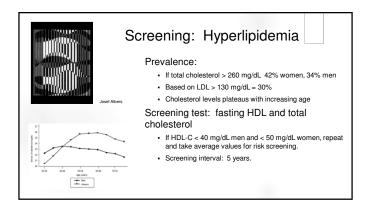


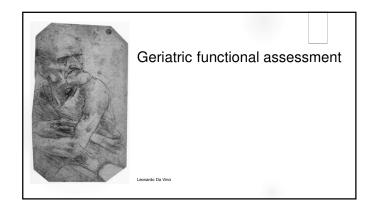




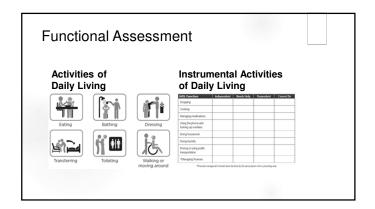


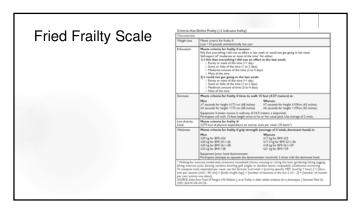


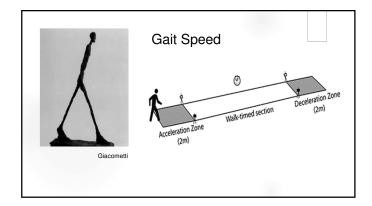


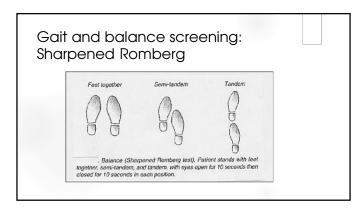


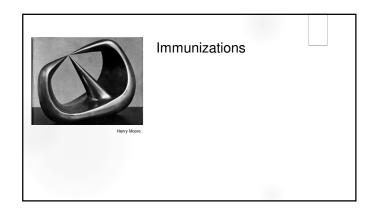
Tool	Measures				
Vulnerability Evaluation Scale (VES-13)					
SF36	Wellness and functionality				
Fried Frailty Scale	Frailty and Frailty risk				
Gait speed	Risk for falls, dementia, hospitalization, death				
ADL / IADL	Functional dependency (full or partial)				



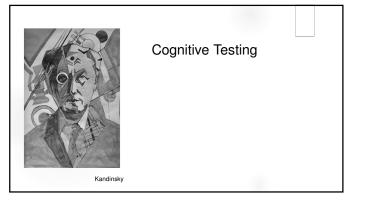


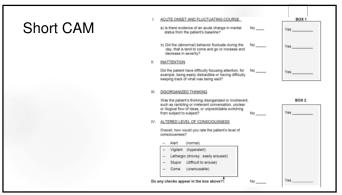


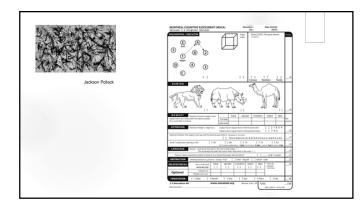


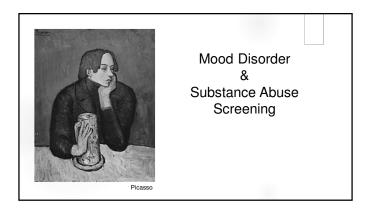


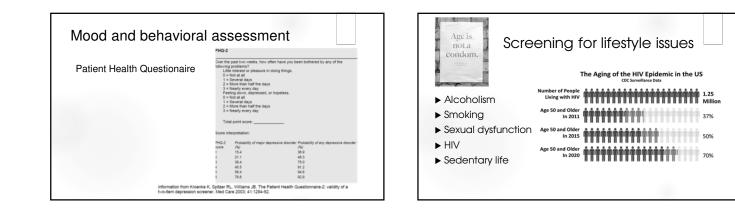
2016	6 CDC A	Adult I	Immuni	zation	Schedu	ule	
VACCINE ¥	AGE GROUP >	19-21 years	22-26 years	27-49 years	50-59 years	60-64 years	≥ 65 years
Influenza*2				1 dose a	innually		
Tetanus, diphtheria, pert	ussis (Td/Tdap)*.)	Substitute Tdap for Td once, then Td booster every 10 yrs					
Varicella".4		2 doses					
Human papillomavirus (H	iPV) Female".1	3	doses				
Human papillomavirus (H	IPV) Male <sup>-5</sup>	3	doses				
Zoster <sup>4</sup>						1 de	ise
Measles, mumps, rubella	(MMR)*7		1 or 2 doses depen	i ding on indication			
Pneumococcal 13-valent	conjugate (PCV13)*,8					1 de	ise
Pneumococcal 23-valent p	polysaccharide (PPSV23) <sup>1</sup>			1 or 2 doses depen	ding on indication		1 dose
Hepatitis A <sup>*,s</sup>				2 or 3 doses depe	nding on vaccine		
Hepatitis 8".10	i			3 da	ses		
Meningococcal 4-valent ( polysaccharide (MPSV4)*	conjugate (MenACWY) or			1 or more doses depe	ending on indication		
Meningococcal B (MenB)	·			2 or 3 doses depe	nding on vaccine		
Haemophilus influenzae t	vne h (Hih) <sup>*/2</sup>			1 or 3 doses depen	ding on indication		

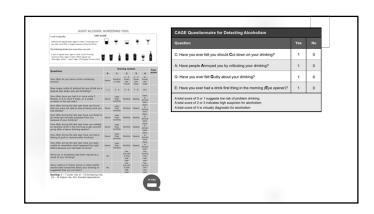


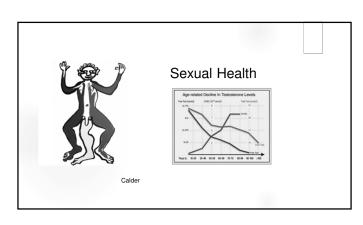


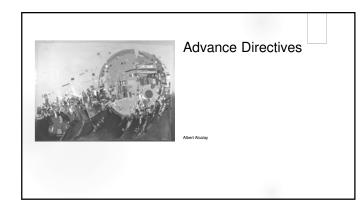














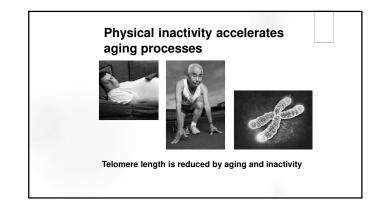
# Chemoprophylaxis

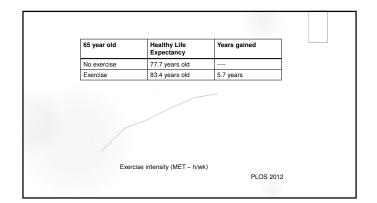


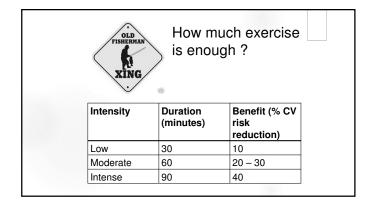
- ► Aspirin
- ► Calcium
- ► Vitamins
- ► HRT
- Plant medicinals (saw palmento, echinacia, turmeric, etc)

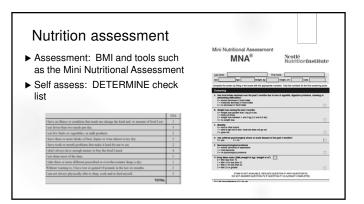
 Physical activity prescription

 Image: Constraint of the second second

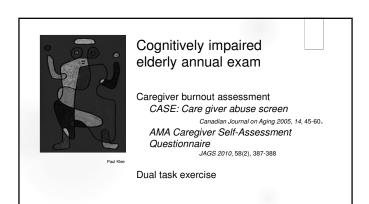








And a		12		Ce Die	nten ets	ariar	า
-	Meat	Fish	Milk /	Beans	Vegies	Fruits	Bread
	Medi		chees e				
Sardinia	+	+	chees	++++	+++++	++++	++++
Sardinia Okinawa			chees e			+++++	+++++
		+	chees e	++++	+++++		



Emerging innovat	ions		
	Sleep wave therapy	Enhance slow  wave period to  improve memory	Neurobiology of Aging (2015) 36:2577.
the second	Nicotinamide ribose	Improve bioenergetics	
	Bright Light Therapy	Adjuvant to SSRI  Reduce agitation  Seasonal  affective disorder	JAMA Psych 2016 73(1):56-63 J Clin Psychiatry. 2015 76(5):645-54
Claude Monet	High Intensity Interval Training		



# Summary

Integrate geriatrics into primary care

Functional assessment works

Prescribe Healthy lifespan