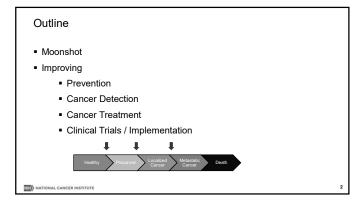
Improving Cancer Care for All

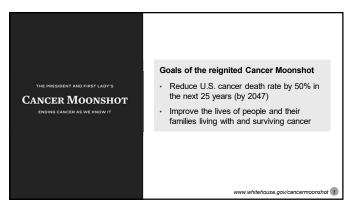
James L. Gulley, M.D., Ph.D., F.A.C.P. Co-Director, Center for Immuno-Oncology, CCR & Clinical Director, National Cancer Institute National Institutes of Health

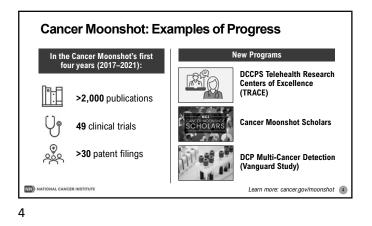


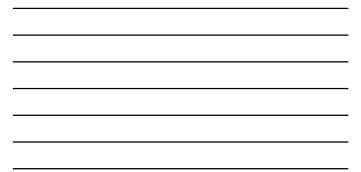
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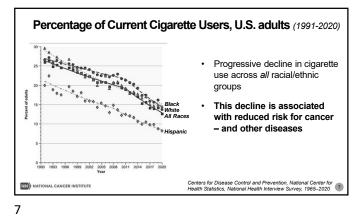


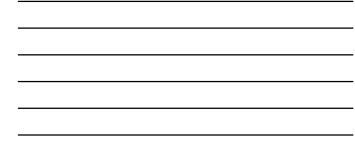


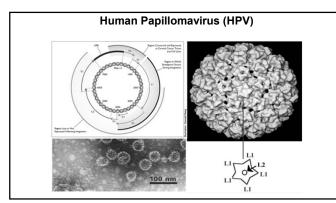


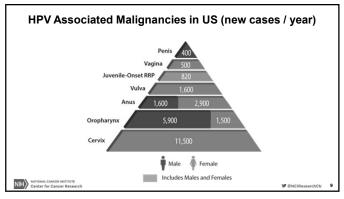
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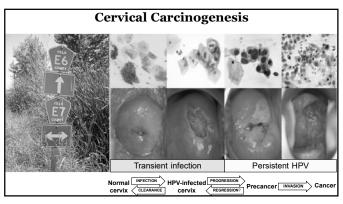




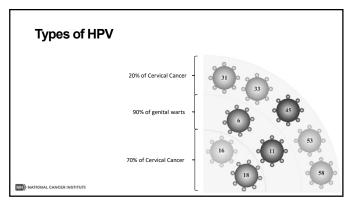


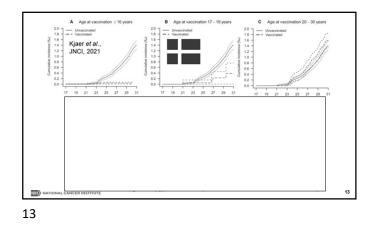




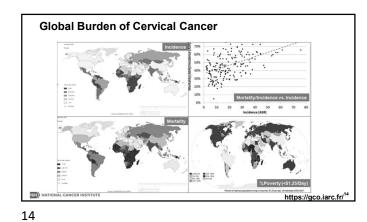




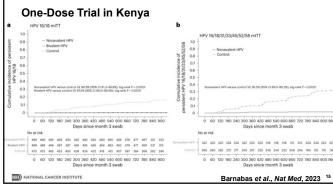


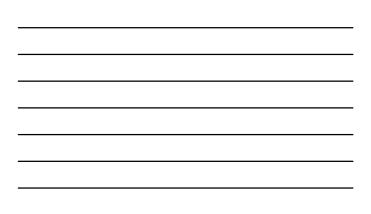


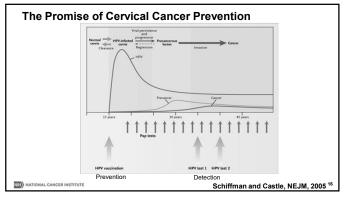






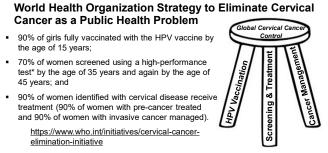




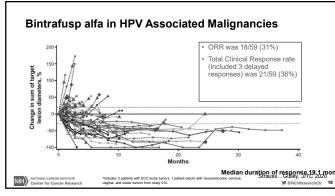




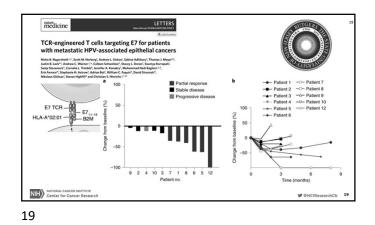




*WHO recommends using <u>HPV DNA detection</u> as the primary screening test rather than VIA or cytology in screening and treatment approaches among both the general population of women and women living with HIV (thtps://www.who.int/publications/i/item/9789240030824



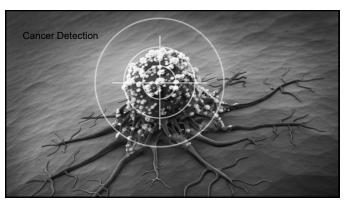




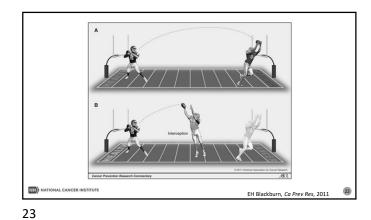


Prevention

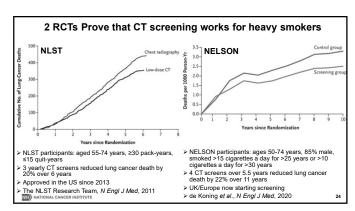
- Prevention studies are difficult to do, require a lot of patients (and patience).
- Then you must implement findings
 HPV vaccine early (by 15 y/o) to have maximal impact



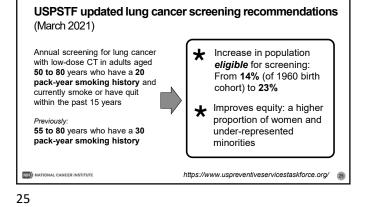
KQ2: cessation outcomes (g					
Combined pharmacotherpy and behavioral	1 review (53 RCTs, n = 25 375)	Combined pharmacotherapy and behavioral interventions increased smoking guit rates by 68% to 98% compared with no or minimal treatment (RR, 1.8.3 [95% Cl, 1.68-1.98]) at 26 mo follow-up	Reasonably consistent; reasonably precise	May be risk of bias due to lack of blinding of participants	High evidence of benefit ^c
Pharmacotherapy	5 reviews (336 RCTs, n > 159 000)	NRT, bupropion, and varenicline significantly increased the chances of quitting smoking compared with placebo or no medication	Reasonably consistent; reasonably precise	Peaking of publication bias but utility that the prevence of addiancia studies with bias methods and in the studies of the studies of the studies of the and considering in findings for each type of drug	High evidence of benefit ⁴
		Reviews suggested that NRT might increase smoking abstinence at 6 mo or longer by 49% to 61% (RR, 1.55 (95% C), 1.49-1.61); buppropion by 49% to 76% (RR, 1.62 (95% C), 1.49-1.76]); and warenicine by 106% to 143% (RR, 2.24 (95% C), 2.06-2.41)			
		Absolute quit differences averaged 6.4% for NRT, 8.2% for bupropion, and 14.5% for varenicline			
		Using a combination of NRT products increased quitting more than the use of a single NRT product (RR, 1.25 [95% Cl, 1.15-1.36])			
		Direct comparisons between drugs suggested that varenicline may be superior to NRT and bupropion in achieving smoking abstinence at ±6 mo*			
Behavioral	20 reviews (830 RCTs, n > 500 000)	Clinician advice and consenting, Individual connelling, proup-based interventions, Holphone consenting, mobile phone-based interventions, tailcored and interactive interventions, and incentives sheaved significant increased smoking cessation at 6 mo r more reative to controls (152)–6353; for example, BR, 176 (95% C, 1.58–1.96) for physican advice vs minimal controls or usual care.	Reasonably consistent; Reasonably precise	Individual trials may be represented in more than 1 review and/or meta-analysis Indication of possible publication bias for evidence related to motivational interviewing and acupuncture Fixed-effects models were used in nearly all meta-analyses	Moderate to high evidence of benefit ¹
		Providing more intense adjunctive behavioral support to smokers receiving pharmacetherapy may increase cessation by 8% to 22% (RR, 1.15 [95% Cl, 1.08-1.22])			
		Evidence on the use of mothational interviewing, decision aids, print-based, nontalioned self-help materials, real-time video counseling, biomedical risk assessment, exercise, complementary and alternative thoragies, and system-level interventions was limited and not definitive in the effects on cessation			
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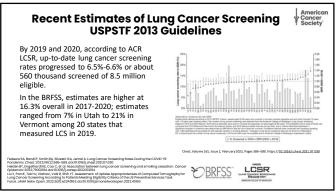


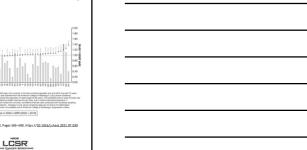


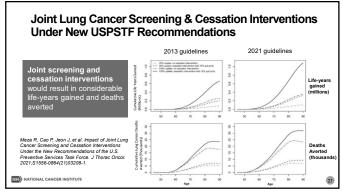


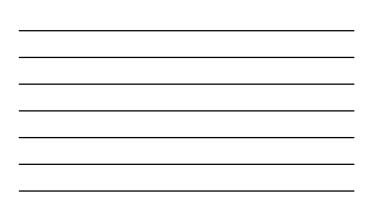


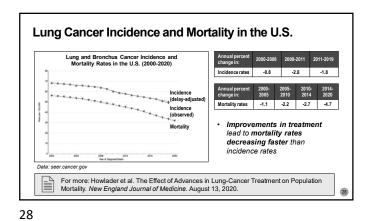




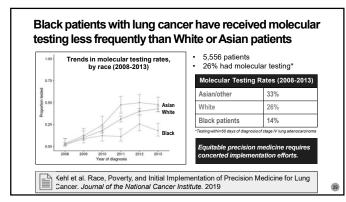






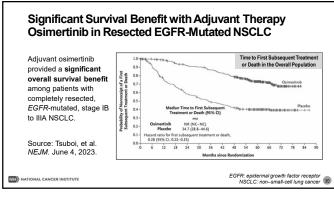


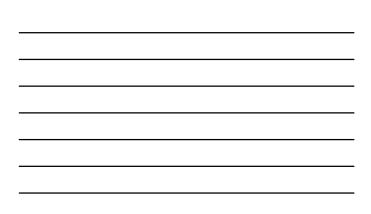


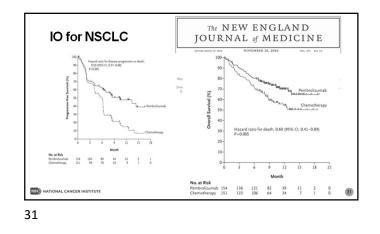




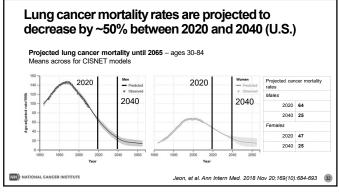








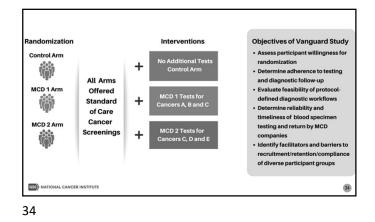












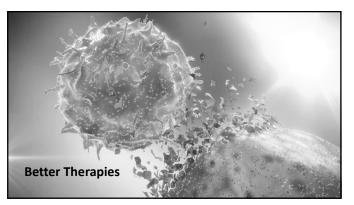


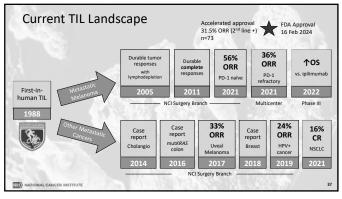
Detection

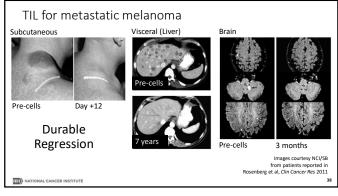
- Earlier detection can lead to interception of cancer when it is more likely to be curable.
- Implementation of currently established guidelines for screening could accelerate decline of cancer related mortality
- MCD offer the potential to revolutionize cancer screening, but there is insufficient data to understand how best to use them.
- NCI's new Cancer Screening Research Network (CSRN), part of the Cancer Moonshot, is positioned to carry out studies evaluating new screening modalities throughout the US (Vanguard Study).

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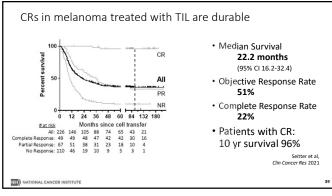
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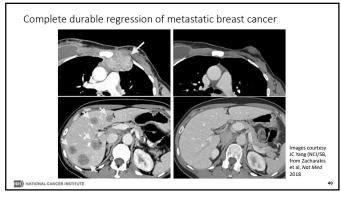




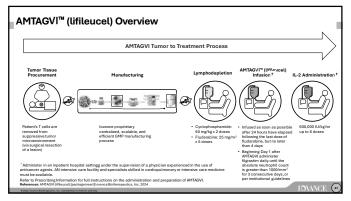




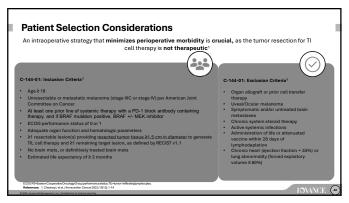




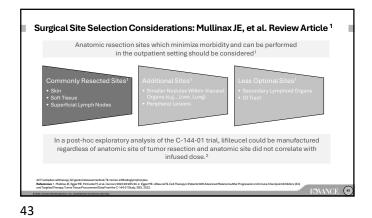




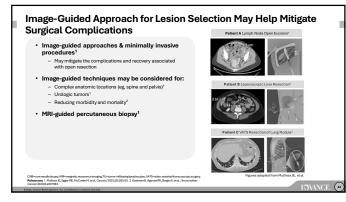


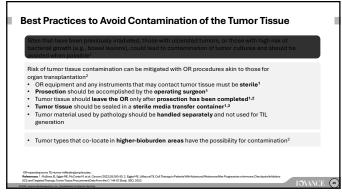


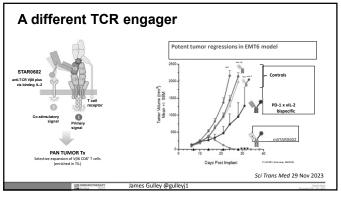




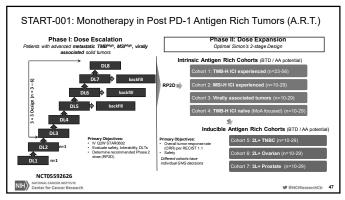




















Participant Consent Forms

- Use Standardized Templates
- Customizable based on study type and population
- Challenges
 Time consuming to write
 Difficult to write at the appropriate reading level
 Aims



- Arms
 Reduce overall length by 20%
 Overall Flesch-Kincaid reading level: 6th grade
 Flesch Reading Ease ≥ 70 (easy to very easy to read)

