

Day Two - Friday, May 3

7:30 AM Continental Breakfast

8:30 AM - 10:00 AM **Issues with Implementing Screening Cost to Benefit**

Chair: Thomas M. Baer, PhD, *Optical Society of America (OSA), Stanford Photonics Research Ctr.*

8:30 AM The Value of a Long Life

- David Meltzer, MD, PhD, *University of Chicago Medicine*

9:30 AM Thoughts from American Cancer Society 2013 Guidelines

- Robert A. Smith, PhD, *American Cancer Society (ACS)*

10:00 AM - 11:00 AM **Consideration in Optimizing Imaging**

10:00 AM Metrics for Volume CT: Characterizing Sources of Variance

- Nicholas Petrick, PhD, *U.S. Food and Drug Administration (FDA)*

10:30 AM Quantitative Imaging and Quality Control Imaging Architecture

- Matthew Fuld, PhD, *Siemens Healthcare; Johns Hopkins University School of Medicine*

History of the War on Cancer

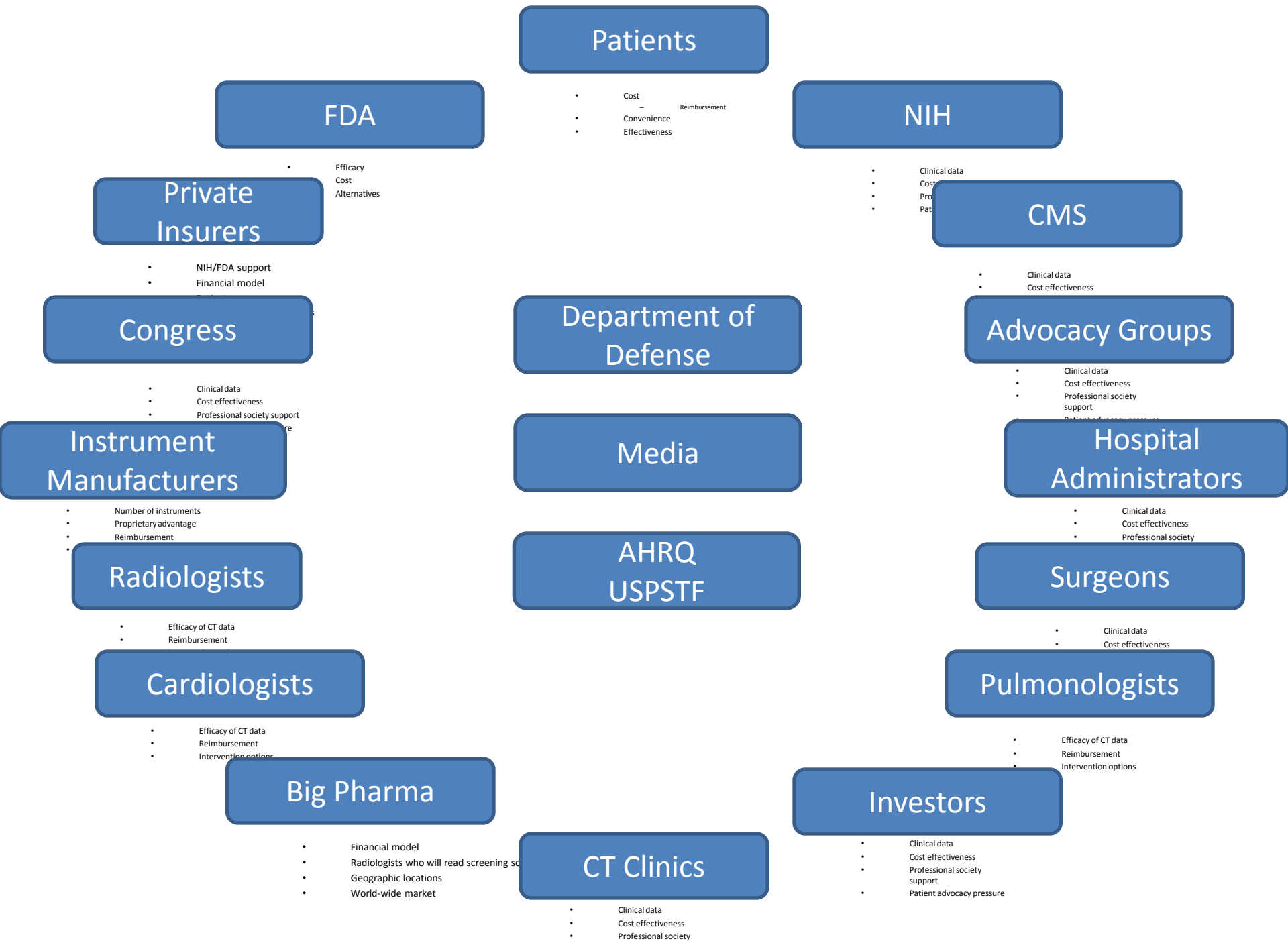
Timeline	
1971	President Richard Nixon signs the National Cancer Act promoting the National Cancer Institute.  PHOTO: LINDA BARTLETT/NCI
1973	NCI launches Surveillance Epidemiology and End Results program to collect U.S. cancer data.
1976	Clinical testing begins of interferon- α , the first biological cancer therapy. FDA approves tamoxifen to prevent breast cancer recurrence.  PHOTO: BILL BRANSON/NCI
1979	Researchers discover p53, the mutated gene most often seen in tumors.
1980	Robert Gallo and others isolate human T-cell lymphotropic virus-1, a cause of cancer.  PHOTO: NCI
1981	First cancer-prevention vaccine introduced— against human hepatitis B virus.
1983	Researchers create severe combined immunodeficient mice, a model for cancer research.
1985	Randomized trial shows that lumpectomy plus radiation are as effective as mastectomy for breast cancer.  PHOTO: NCI
1986	

(Science, 2010)

Group B

Strategic Planning: Exploring Models for Implementing a National Infrastructure for Quantitative Imaging in Early Lung Cancer Management

Tom Baer
Laurie Fenton
Carolyn Aldige



USPS TF



Lung Cancer Workshop X:

Application of Quantitative CT Imaging to Early Lung Cancer Management: Accelerating Progress

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