

Theses

Number 1-5

- Colorectal cancer screening has the potential to reduce disease-related mortality in the United States by up to 60%.(Chapter 3 and 5)
- Suboptimal longitudinal participant adherence with annual fecal colorectal cancer testing may reduce estimated benefits by 33% compared to perfect adherence.(Chapter 6)
- Variation in the quality of colonoscopy as measured by the proportion of exams detecting one or more adenomas is associated with differences of up to 60% in screening outcomes.(Chapter 7 and 8)
- Longer time to diagnostic follow-up of positive results of fecal colorectal cancer tests may reduce benefits by almost 10% compared to immediate follow-up.(Chapter 9)
- Recommended colonoscopy surveillance in adenoma patients with 3 to 5 year intervals, depending on adenoma number and size, may decrease colorectal cancer mortality in these patients by up to nearly 50% compared to screening.(Chapter 12)

Number 6-10

- All knowledge degenerates into probability; and this probability is greater or less, according to our experience of the veracity or deceitfulness of our understanding, and according to the simplicity or intricacy of the question. David Hume (1740).
- It is to earlier diagnosis that we must look for any material improvement in our cancer cures. John P. Lockhart-Mummery (1927).
- Not everything that can be counted counts, and not everything that counts can be counted. William B. Cameron (1963).
- Quality in a product or service is not what the supplier puts in. It is what the customer gets out and is willing to pay for. Peter Drucker (1985).
- Every time we want to understand anything, we have to simplify and reduce, and importantly, give up the prospect of understanding it all, in order to clear the way, to understanding something at all. Zia H. Rahman (2014).

Number 11

- I hope no man takes what I have said about ... the living and dying of men for mathematical demonstration. William Petty (1687).

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