

## Cancer Screening Guidelines 2016

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I will review the evidence for screening recommendations, review guidelines for the five most common cancers and use a case based approach as a learning tool. The five cancers discussed are colon, lung, prostate, cervical and breast. The role of screening tests will be reviewed in addition to cost effectiveness and screening efficacy. I will also review the harms of screening and non validated screening modalities.

The screening for average, moderate and high risk colorectal cancers will be reviewed, including a history of polyps or family history of colon cancer, high risk hereditary non-polyposis coli, familial adenomatous polyposis and inflammatory bowel disease.

Lung cancer screening will be reviewed following the United States Preventive Task Force Guidelines. The harms and benefits of prostate cancer screening and the American College of Physicians guidelines.

Four guidelines will be reviewed for breast cancer screening in average risk women and beyond average risk. Imaging modalities and their sensitivity and specificity, risk and harms will be reviewed along with the breast exam.

Finally cervical cancer screening will be discussed with PAP and HPV testing and appropriate age groups and frequency of examination.