Precision Breast Cancer Screening: Moving from Debate to \textit{Wisdom}

Jasmine M Wong, MD, FACS
January 28, 2021
Years of Policy Controversy & Conflict

<table>
<thead>
<tr>
<th>Professional Society</th>
<th>Screening Age</th>
<th>Frequency</th>
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<tbody>
<tr>
<td>USPSTF</td>
<td>40 – 49</td>
<td>Shared decision on whether to screen Biennially (for avg. risk)</td>
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<td></td>
<td>50 – 74</td>
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<tr>
<td>ACS</td>
<td>45 – 55</td>
<td>Annually</td>
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<td>55 – until life expectancy &lt; 10 yrs.</td>
<td>Biennially</td>
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<td>ACR / SBI</td>
<td>40 – until life expectancy &lt; 5-7 yrs.</td>
<td>Annually</td>
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<td>NCCN</td>
<td>40 – until life expectancy &lt; 10 yrs.</td>
<td>Annually</td>
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<td>ACOG</td>
<td>40 – 49</td>
<td>Shared decision on whether to screen</td>
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<td></td>
<td>50 – 74</td>
<td>Shared decision: Annual or biennial</td>
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<td>ACP (new: April 2019)</td>
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WISDOM Study

Women Informed to Screen Depending On Measures of Risk

Study Compares:

- Personalized breast screening
- “Standard” (annual) screening
Randomized Vs Self Selection: You choose

Randomize
  - Personalized Screening
  - Annual Screening

Self Select
  - Personalized screening
  - Annual screening
Patient-Centered and Inclusive

• Spanish
  • Printed Materials
  • All study communications, questionnaires, education for high-risk participants, letters

• Plain-language
  • Materials tailored to make sure they are understandable to everyone
How to participate?

Women enroll and participate **online**
- No requirement to travel to a recruitment center
- **Study website** [wisdomstudy.org](http://wisdomstudy.org)
- Mobile, tablets, computers

**All study services are rendered virtually**
- Breast Health Specialist available telehealth
- No additional visits

**Provide information back to participants**
- Deliver screening assignments and reports to personal participant account

**Personal and Confidential**
Screening report

Every woman receives a screening report:

- Age to start/stop screening
- Frequency of screening
- Type of screening modality (mammography, ultrasound, MRI, etc.)
- Risk reduction strategies
“One Size Does NOT Fit All”