Mammogram for breast cancer screening (age from 50 to 59 years old): Do I have to do it?

This guidance is for people with a normal injury possibility and not for people with a high risk of injury. The figures are apparent for women 50 years old and dependent on women living in Europe.

Regarding breast cancer screening with a mammogram: a mammogram examination reveals small cancers before they are felt or show symptoms.

Do a mammogram year	Do a mammogram every two years	Not doing a mammogram	Patients Questions
You will have a mammogram every year. If	You will have a mammogram every two years.	You will not be examined	What does the
something unusual is seen, you may have other	If something unusual is seen, you may have	mammogram scheme. In the event	options include?
tests, such as an additional mammogram or a	other tests, such as an additional mammogram	that you find a lump or notice any	
breast sample	or a breast sample	changes, a medical specialist may	
		recommend a diagnostic	
		mammogram	
Almost 32 of the 1000 people (3 0.2%) is	Almost 32 of the 1000 people (3 0.2%) are	Nearly 26 out of 1,000 people (2.6	What is my chance
diagnosed with breast cancer	diagnosed with breast cancer	%) are diagnosed with breast	to be diagnosed with
		cancer	breast cancer within
Almost A set of 1 000 seemle (0 40/) will die	Almost 4 set of 4 000 seconds (0 40/) will dis	Almost Fourt of 1,000 module /0 F	ten years
Almost 4 out of 1,000 people (0.4%) will die from breast cancer.	Almost 4 out of 1,000 people (0.4%) will die from breast cancer.	Almost 5 out of 1,000 people (0.5 %) will die from breast cancer.	What is my chance
Your total chance of death will not change	Your total chance of death will not change	%) will die from breast cancer.	to die in ten years?
rour total chance of death will not change	Tour total chance of death will not change	Your total chance of death will not	
		change	
Of every 1000 people, almost:	Of every 1000 people, almost:	Of every 1000 people almost:	What is the damage
or every 1000 people, allinosti	Grevery 1999 people, annosar	or every 1000 people announ	in ten years?
200 (20%) may have one wrong examination	140 (14%) may have one wrong	1 (0.1%) would die from breast	,,
that calls for other tests, but then no cancer is	examination that warrants other tests, but	cancer which would have been	
detected.	then no cancer is detected.	avoided if they had had a	
29 (2.9%) may have taken a sample from them		mammogram	
to examine the breast, but no cancer was	20 (2%) may have taken a sample from		
detected.	them to examine the breast, but no cancer		
6 (0.6 %) were found to have cancer, which	was detected.		
would have been impossible to cause			
symptoms or death if it had not been detected	6 (0.6 %) were found to have cancer, which		
by examination. But the treatment followed	would have been impossible to cause		
may cause harm to the patient	symptoms or death if it had not been		
	detected by examination. But the treatment		
	followed may cause harm to the patient.		

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This patient decision aid (Mammogram for Breast Cancer Screening (Age 50-59): was created by the EBSCO Health Innovations and Evidence-Based Medicine Development Team (Brian S. Alper, MD, MSPH, FAAFP, FAMIA; Martin Mayer, DMSc, MS, PA-C; Eric Manheimer, PhD; Bonnie Johnson, MBA; Khalid Shahin, BA). Review for clinical accuracy and patient-friendly readability was provided by DynaMed Shared Decision reviewers and editors (Susan Troyan, MD, FACS; Joseph S. Wislar, MS; Ryan Kelly, MS). Translation to Arabic was provided and reviewed by Fatima Al Hannan, Faye Al Khalifa, Julie Sprakel, RGN, MSc, FFNMRCSI, PhD and Haitham El-Baghdady, MD, MHA. The currency and accuracy of the content of this patient decision aid is maintained with a systematic process of:

(1) systematically searching for the best available evidence to answer the scoped patient questions using DynaMed, PubMed with limiters for systematic reviews, PubMed with limiters for original research reports, and citation tracing Development Team (Brian S. Alper, MD, MSPH, FAAFP, FAMIA; Martin Mayer, DMSc, MS, PA-C; Eric Manheimer, PhD; Bonnie Johnson, MBA; Khalid Shahin, BA). Review

- systematically searching for the best available evidence to answer the scoped patient questions using DynaMed, PubMed with limiters for systematic reviews, PubMed with limiters for original research reports, and citation tracing
- critically appraising articles which meet inclusion criteria for results and certainty of those results with consideration of risk of bias, directness, consistency and precision (2) (based on GRADE Working Group methodology)
- (3) selecting the best available method of synthesis of evidence results based on certainty of evidence, magnitude of important differences, and expected patient perception
- (4)synthesizing evidence results to provide the best answer to represent the body of evidence
- translating the summary of findings (synthesized evidence results) to patient-friendly language and presentation
- (6)confirming that patient-friendly presentation accurately represents the evidence synthesis
- reviewing all feedback from clinical review, surveys of people who may face this decision, and feedback from users of the decision aid to revise content at any of the (7)prior steps as warranted (and continue through subsequent steps)
- (8) continuously repeating the systematic searches and repeating subsequent steps as warranted

The evidence review for this patient decision aid was first completed on January 30, 2020 and last updated on June 22, 2020. There were 58 articles screened through systematic searches and 12 articles included for critical appraisal. References providing the greatest contribution to this decision aid include:

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