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Level 1 – 4th January, 2020

Breast cancer tests better with Google Health AI

FREE online quizzes, mp3 listening and more for this lesson here:

<https://breakingnewsenglish.com/2001/200104-breast-cancer-1.html>

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Please try Levels 0, 2 and 3. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/2001/200104-breast-cancer-1.html>

Doctors have a new tool to find breast cancer. It is called Google Health. It uses Artificial Intelligence (AI) to find anything strange in breast tissue. Researchers trained an AI program to do this. It read thousands of X-ray results from the past decade. Doctors currently use X-rays to find breast cancer. Google Health will help doctors to read X-rays more accurately. Currently, two doctors agree if an X-ray shows cancer. Google Health will do this more quickly.

Google Health worked with experts from a London university. They input X-rays from more than 91,000 women into its software. In hospital tests, the software did better at reading X-rays than six doctors. Google Health said: "Our team is really proud....We are on our way to developing a tool that can help doctors spot breast cancer with greater accuracy." The World Cancer Research Fund said there were two million new cases of breast cancer in 2019.

Sources: <https://www.bbc.com/news/health-50857759>
<https://www.nature.com/articles/s41586-019-1799-6>
<https://time.com/5754183/google-ai-mammograms-breast-cancer/>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2001/200104-breast-cancer-1.html>

PARAGRAPH ONE:

- | | |
|------------------------------|-----------------------|
| 1. find anything strange | a. accurately |
| 2. Researchers trained an AI | b. in breast tissue |
| 3. results from | c. this more quickly |
| 4. Google Health will help | d. the past decade |
| 5. read X-rays more | e. shows cancer |
| 6. two doctors | f. doctors |
| 7. if an X-ray | g. program to do this |
| 8. Google Health will do | h. agree |

PARAGRAPH TWO:

- | | |
|------------------------------|-----------------------|
| 1. Google Health worked | a. that can |
| 2. the software did better | b. accuracy |
| 3. We are on | c. at reading X-rays |
| 4. developing a tool | d. new cases |
| 5. help doctors | e. our way |
| 6. with greater | f. with experts |
| 7. The World Cancer Research | g. spot breast cancer |
| 8. two million | h. Fund |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2001/200104-breast-cancer-1.html>

Doctors have a (1) _____ find breast cancer. It is called Google Health. It uses Artificial Intelligence (AI) to find (2) _____ breast tissue. Researchers trained an AI program (3) _____. It read thousands of X-ray results from (4) _____. Doctors currently use X-rays to find breast cancer. Google Health will help (5) _____ X-rays more accurately. Currently, two doctors agree if an X-ray shows cancer. Google Health will do (6) _____.

Google Health worked (7) _____ a London university. They input X-rays (8) _____ 91,000 women into its software. In hospital tests, the (9) _____ at reading X-rays than six doctors. Google Health said: "Our team (10) _____....We are on our way to developing (11) _____ can help doctors spot breast cancer with greater accuracy." The World Cancer Research Fund said there were two million (12) _____ breast cancer in 2019.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2001/200104-breast-cancer-1.html>

Doctors have a new tool to find breast cancer. It is called Google Health. It uses Artificial Intelligence (AI) to find anything strange in breast tissue. Researcher trained an AI program to do this. It read thousands of X-ray results from the past decade. Doctors currently use X-rays to find breast cancer. Google Health will help doctors to read X-rays more accurately. Currently, two doctors agree if an X-ray shows cancer. Google Health will do this more quickly. Google Health worked with experts from a London university. They input X-rays from more than 91,000 women into its software. In hospital tests, the software did better at reading X-rays than six doctors. Google Health said: "Our team is really proud.... We are on our way to developing a tool that can help doctors spot breast cancer with greater accuracy." The World Cancer Research Fund said there were two million new cases of breast cancer in 2019.

BREAST CANCER SURVEY

From <https://breakingnewsenglish.com/2001/200104-breast-cancer-4.html>

Write five GOOD questions about breast cancer in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

WRITING

From <https://breakingnewsenglish.com/2001/200104-breast-cancer-1.html>

Write about **breast cancer** for 10 minutes. Read and talk about your partner's paper.
