

What is True?



What Do YOU Believe?

- | TRUE | FALSE |
|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> The risk of dying from cancer in the United States is increasing. |
| <input type="checkbox"/> | <input type="checkbox"/> Cancer can be spread from person to person. |
| <input type="checkbox"/> | <input type="checkbox"/> What someone does as a young adult has little effect on their chance of getting cancer later in life. |
| <input type="checkbox"/> | <input type="checkbox"/> There is currently a cure for cancer but the medical industry won't tell the public about it because they make too much money treating cancer patients. |
| <input type="checkbox"/> | <input type="checkbox"/> Treating cancer with surgery can cause it to spread throughout the body. |
| <input type="checkbox"/> | <input type="checkbox"/> Cancer can be effectively treated. |
| <input type="checkbox"/> | <input type="checkbox"/> Cancer is a group of over 100 diseases. |
| <input type="checkbox"/> | <input type="checkbox"/> Cancer cells can be distinguished from normal cells because of their abnormal growth. |
| <input type="checkbox"/> | <input type="checkbox"/> Cancer can only occur in specific cells in the body. |
| <input type="checkbox"/> | <input type="checkbox"/> Cancer develops because of abnormal gene function. |

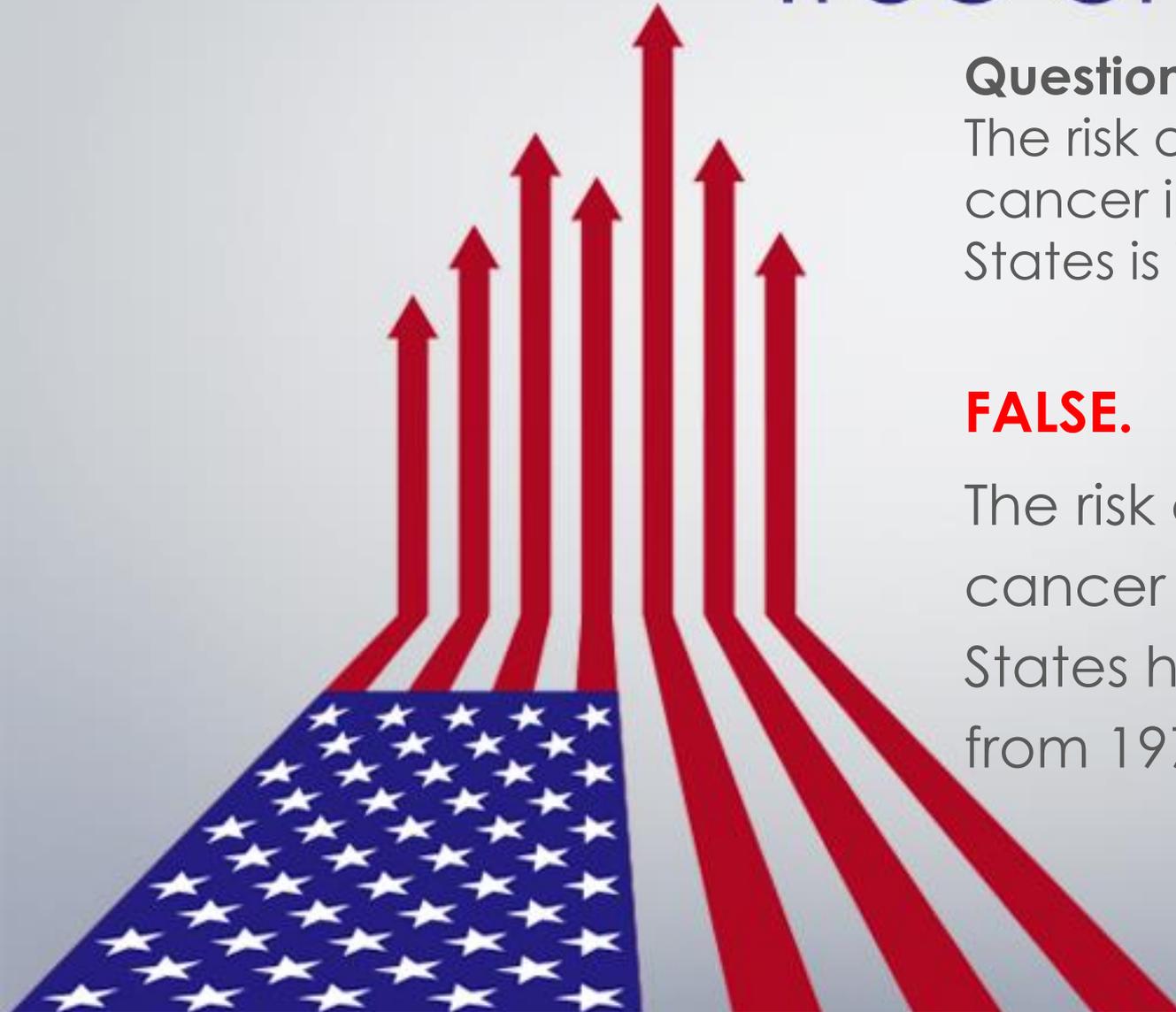
True or False?

Question 1:

The risk of dying from cancer in the United States is increasing.

FALSE.

The risk of dying from cancer in the United States has decreased from 1975 to 2012.



Breast Cancer Trends

Year of Death	Total	Males	Females
1975	17.8	0.4	31.5
1980	18.0	0.3	31.7
1985	18.8	0.3	33.0
1990	18.9	0.3	33.1
1995	17.4	0.4	30.6
2000	15.2	0.4	26.6
2005	13.5	0.3	24.0
2010	12.2	0.3	21.9
2012	11.83	0.3	21.1
1975-2012	16.0	0.3	28.2

US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Source: National Cancer Institute. SEER Statistics Review 1975-2006.

A close-up photograph of two hands, one larger and one smaller, clasped together in a supportive grip. The hands are positioned on the left side of the frame, with the larger hand on top and the smaller hand on the bottom. The background is a soft, light blue gradient.

True or False?

Question 2:

Cancer can be spread from person to person.

FALSE.

Cancer cannot be passed from one person to another. Though cancer itself isn't contagious, sometimes viruses, which are contagious, can lead to the development of cancer.

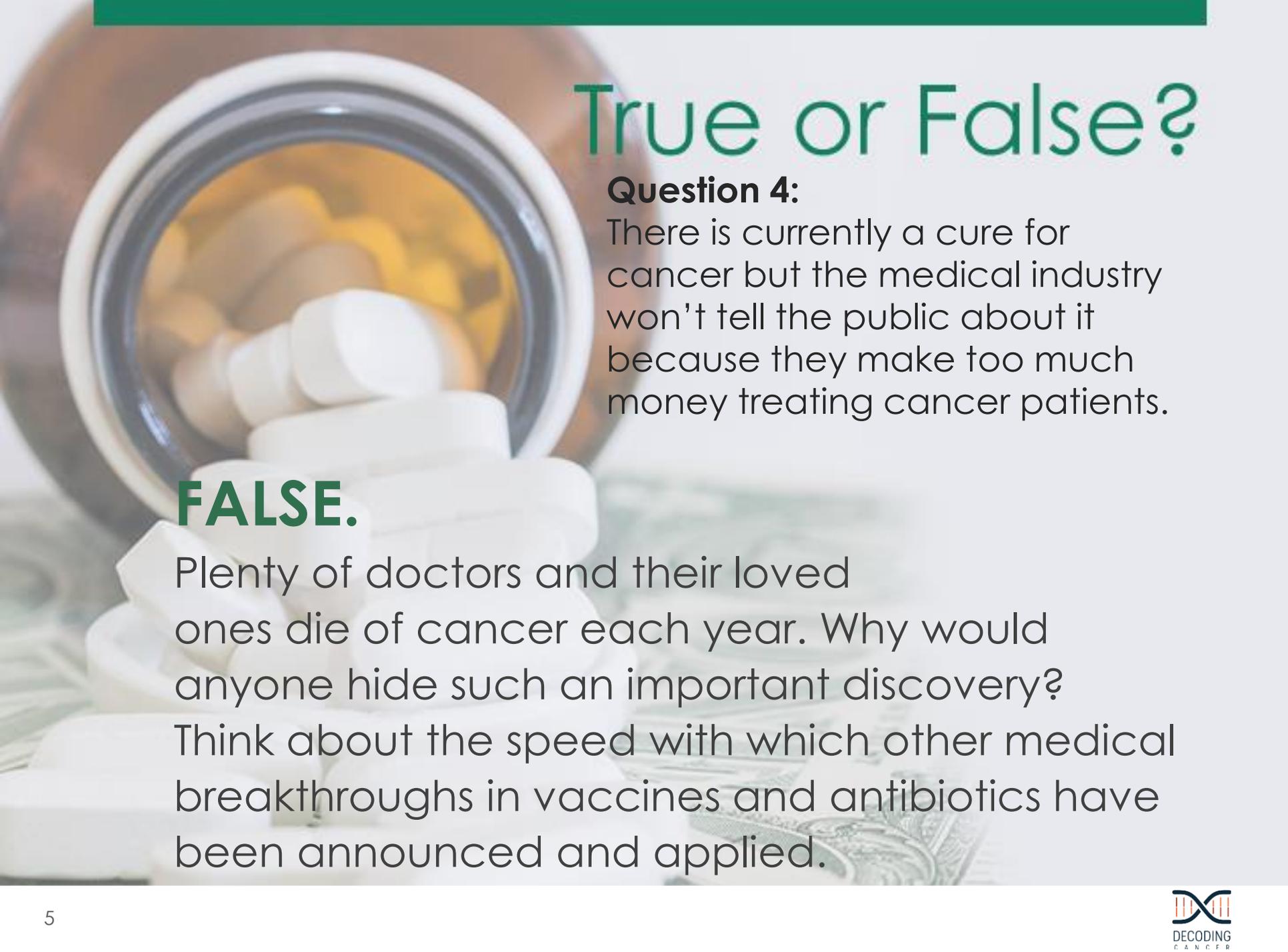
True or False?

Question 3:

What someone does as a young adult has little effect on their chance of getting cancer later in life.

FALSE.

Most cases of cancer are the consequence of many years of exposure to several risk factors.



True or False?

Question 4:

There is currently a cure for cancer but the medical industry won't tell the public about it because they make too much money treating cancer patients.

FALSE.

Plenty of doctors and their loved ones die of cancer each year. Why would anyone hide such an important discovery? Think about the speed with which other medical breakthroughs in vaccines and antibiotics have been announced and applied.



True or False?

Question 5:

Treating cancer with surgery can cause it to spread throughout the body.

FALSE.

Specialists in cancer surgery know how to safely take biopsy samples and to remove tumors without causing the cancer to spread. In many cases, surgery is an essential part of the cancer treatment plan.

True or False?

Question 6:

Cancer can be effectively treated.

TRUE.

The five major types of treatment for cancer are surgery, radiation, chemotherapy, biologic therapies, and therapies that boost the patient's immune system.

Cancer Warriors

Effective cancer treatments can include several types of **Cancer Warriors**. What do each of the following professionals do to fight cancer?

 Oncology Physician	
 Cancer Researcher	
 Nurse	
 Pharmacist	
 Social Worker / Advocate	

True or False?

Question 7:

Cancer is a group of over 100 diseases.

TRUE.

The main categories of cancer include:

- Carcinoma
- Sarcoma
- Leukemia
- Lymphoma and myeloma
- Central nervous system cancers



True or False?

Question 8:

Cancer cells can be distinguished from normal cells because of their abnormal growth.

TRUE.

Normally, cells grow and divide to produce more cells as they are needed to keep the body healthy. Sometimes, this orderly process goes wrong. New cells form when the body does not need them, and old cells do not die when they should.

True or False?

Question 9:

Cancer can only occur in specific cells in the body.

FALSE.

The body is made up of many types of cells, and all cancer begins in cells. Cancer can develop in any cell in the body, which is why there are so many different types.

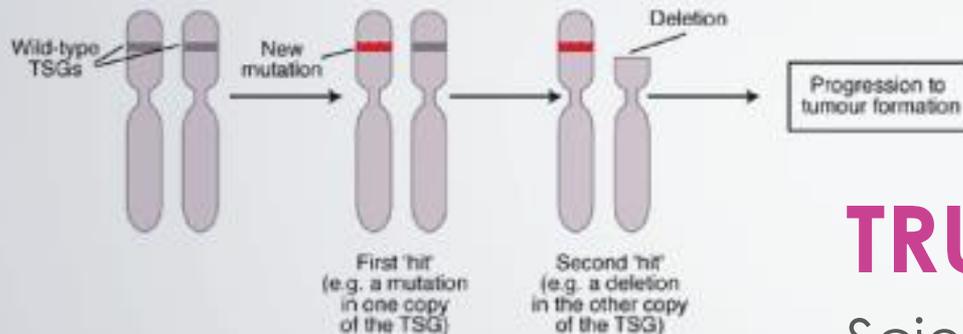


True or False?

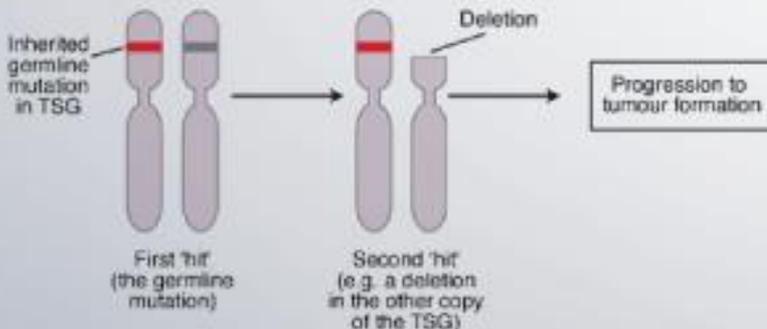
Question 10:

Cancer develops because of abnormal gene function.

a TSG mutation in a normal cell, leading to sporadic cancer



b TSG mutation in a cell with a germline mutation, leading to familial cancer



Knudson's two-hit hypothesis for tumourigenesis involving a tumour suppressor gene (TSG)

Expert Reviews in Molecular Medicine ©2001 Cambridge University Press

TRUE.

Scientists have learned that cancer is caused by changes in genes that normally control the growth and death of cells. Certain lifestyle and environmental factors can change some normal genes into genes that allow the growth of cancer.