

# The GRID: Cancer Treatments

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The GRID is an interactive quiz game, covering cancer related topics. The format of the game is similar to a popular TV quiz show, where the clues are phrased as an answer and the response is phrased in the form of a question.

For Example:

*Clue:* This website won the 2007 "Cancer on the Internet" award.

*Response:* What is CancerQuest?

How to play:

For one person:

- Enter your name and begin the game.
- Choose a category and a point value, the clue will open.
- To check your response, click and hold the "Ans" button.
- If your response was correct click the "Check", the point value will be added to your total.
- If your response was incorrect click the "X", the point value will be subtracted from your total (you lose points for incorrect responses).

For two or more:

- Enter player's names and begin the game (click the "make active" box to add players).
- Choose a category and a point value, the clue will open.
- Each player uses a different keyboard key to "ring in"
  - Player 1 - use "z" key
  - Player 2 - use "." (period) key
  - Player 3 - use "enter" key on far right of keyboard
- To check response click and hold the "Ans" button.
- If a correct response is given, click the "Check". The point value will be added to the responding player's total.
- If an incorrect response is given, click the "X". The point value will be subtracted from responding player's total (an incorrect response results in a loss of points).
- The player with the correct response chooses the next clue.
- Continue until all clues are uncovered, the player with the most points wins the game.

## 答题游戏：癌症治疗

Game Over

The Winner Is

Player

0

Points

Restart

Please Select the Number of Players

1 2 3

Enter player names

Player 1 | Player 2 | Player 3

提交

has buzzed in!

View  
Answer

Answered Correctly

Answered Incorrectly

Q

Player 1, Buzz In!

B

Player 2, Buzz In!

P

Player 3, Buzz In!

## 补救治疗

100

在肿瘤被移除并检查后，如果组织中没有可见的癌细胞，则称该样本切缘净。

200

化疗通常使用毒性很大、副作用强的药物，主要通过攻击细胞生长或分裂来杀死癌细胞。

300

这种治疗使用高能量波来破坏细胞过程并最终杀死细胞。

400

这种治疗涉及免疫系统的调节。

## 治愈专栏

100

该方法的目的是杀死任何残留的肿瘤细胞，降低转移风险

200

该治疗能够消除手术后仍然存在的任何肿瘤细胞

300

通过将放射源放入腔内把放射性物质植入肿瘤内部或周围。

400

使用机器向肿瘤传递辐射的治疗。

## 细胞生产的物质

100

细胞产生的一种化学物质，可以改变其他细胞的活性，如睾丸激素和雌激素

200

白细胞产生的蛋白质

300

免疫系统制造的信使分子。

400

某些抗体靶向癌细胞表面蛋白的过程，标志着细胞被免疫系统破坏。

## 研究人员的发现

100

通过改变或增加体内天然过程来治疗癌症的化合物。

200

相同染色体区域产生许多拷贝的异常过程。

300

研究人员使用此功能可以针对大多数细胞过程进行完全特异性定位。

400

直接或间接导致细胞DNA损伤的药剂。

## 常见的误区

100

这些药物会干扰细胞分裂的机制。

200

针对癌细胞但留下正常健康细胞的药物。

300

阻断酶活性，阻止DNA复制和细胞分裂的药物。

400

抑制含有嘌呤、腺嘌呤和鸟嘌呤的核苷酸的产生。

- 0  
Player 1
- 0  
Player 2
- 0  
Player 3

Restart

This game does not currently fit on this width of screen.  
Please visit us on a larger screen to play this game.