A questionnaire on cancer and cancer therapy

Welcome to the IGEM SYSU-CHINA team survey from Sun Yat-sen University! The answer sheet data is only used for statistical analysis for promoting the research progress of cancer treatment projects. Any privacy and personal information of you will not be exposed or transmitted to us, please feel free to fill in! Choose or fill in the blanks according to your actual situation. This questionnaire will take you about 5 minutes, thank you for your help! This questionnaire is only applicable for non-cancer patients.

1. Your gender: [single choice] \*

○ Male

○ Female

○ Other

2. Please select the city you live in: (regional classification used in the questionnaire) [fill in the blanks] \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Your age: [single choice] \*

○ Under the age of 18

○ 18 ~ 25

○ 26 ~ 30

○ 31 to 40

○ 41 to 50

○ 51 to 60

○ over 60

4. What is your highest degree (including the degree you are studying)? [single choice] \*

○ Primary school and below

○ The junior middle school

○ High school

○ Bachelor degree

○ Master

○ phD or above

○ Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (please fill in the blank)

5. Do you or someone close to you that have cancer?[single choice] \*

○ Yes

○ No

6. (optional) What kinds of treatment did you/he (the cancer patient) adopt? (multiple choice)

□ Surgical resection

□ Chemotherapy -

□ Radiotherapy

□ Immunotherapy

□ Other therapy \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. (optional) what is the current treatment effect of you/him (cancer patients)? (single choice)

○ Is in the initial treatment, has not seen the effect

○ The effect is good, visible improvement

○ The effect is general, can basically maintain the present status

○ The effect is not good, is still slowly deteriorating

○ Basically, there is no effect

○ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. Are you a cancer patient? [single choice] \*

○ Yes. (please skip to the end of the questionnaire and submit the answer sheet)

○ No.

9. How much do you know about "early cancer treatment"? (0: do not understand – 5: very familiar) [matrix text] [enter the number 0 to 5] \*

The degree of your knowledge on cancer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. What do you think is the current stage of cancer therapy development? [single choice] \*

○ In the early stages of development, can only treat a small number of early cancers, and the cure rate is low.

○ In the middle stage of development, can treat part of the early or middle stage of cancer, and there are new cancer treatment.

○ In the bottleneck period of development, has reached the stagnancy period of development, at present did not see very effective cancer treatment

○ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. What kinds of cancer treatments do you know or hear about? [multiple choice] \*

□ surgical resection

□ Radiotherapy

□ Chemotherapy

□ Molecularly targeted drugs

□ Oncolytic adenovirus therapy

□ Immunotherapy

□ Endocrine therapy

□ Minimally invasive treatment

□ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For the following three questions (questions 12-14), please reflect on your **Medical treatment experience** (or **suppose** the situation in the question).

12. When you go to a doctor for a **"minor disease"** (such as common inflammation, cold, mild discomfort, etc.), how do you **prefer** to decide your treatment?

(**hint**: sort the questions from the most likely to the least likely. Please compare all the choices before answering.

[ ] I prefer to make my final decision on treatment after carefully considering my doctor's advice

[ ] I prefer to leave treatment decisions to my doctor

[ ] I prefer to work with my doctor to decide which treatment works best for me

[ ] I prefer to let my doctor think over my suggestions before making the final decision on which treatment to use

[ ] I prefer to make my own decisions

13. When you go to a doctor with a **"major disease"** (such as cancer, paralysis, severe type 1 diabetes, etc.), how do you **prefer** to decide your treatment?

(hint: for the sorting questions, please put the Numbers in brackets.) \*

[ ] I prefer to make my final decision on treatment after carefully considering my doctor's advice

[ ] I prefer to leave treatment decisions to my doctor

[ ] I prefer to work with my doctor to decide which treatment works best for me

[ ] I prefer to let my doctor think over my suggestions before making the final decision on which treatment to use

[ ] I prefer to make my own decisions

14. When you are faced with the choice of a cancer treatment, please rank the following factors that you may concern.

(in descending order of consideration) \* [Please fill in brackets with the number]

[ ] side effects of the therapy

[ ] the treatment method/form of the therapy

[ ] frequency and cycle of treatment

[ ] The cost of this treatment

[ ] therapeutic effect

[ ] The degree of pain that the treatment will cause

**"Oncolytic virus therapy"** for cancer is a cancer therapy that uses a class of viruses (such as adenoviruses) that **only kill tumor cells** but do **no harm to normal cells.**

15. Do you know about oncolytic virus? (1: do not understand – 5: very understand) [single choice matrix] \*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| basic conception | ○ | ○ | ○ | ○ | ○ |
| therapeutic mechanism | ○ | ○ | ○ | ○ | ○ |
| History of  Development | ○ | ○ | ○ | ○ | ○ |

16. Suppose you/your relative is a cancer patient. Your doctor recommends the following treatments based on the stage of the cancer. What do you think of these treatments? [single choice matrix] \*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Acceptable | Could be consider | not acceptable | depending on the severity of the illness |
| Surgical removal | ○ | ○ | ○ | ○ |
| chemotherapy | ○ | ○ | ○ | ○ |
| radiotherapy | ○ | ○ | ○ | ○ |
| immunotherapy | ○ | ○ | ○ | ○ |
| Oncolytic virus therapy | ○ | ○ | ○ | ○ |

17. Imagine a situation in which you have early-stage colon cancer and your doctor recommends:

(1) traditional "surgical resection + chemotherapy"

(2) "partial surgical resection + oncolytic virus therapy" (assuming that the therapy has been proven effective)

Which of the two treatments will you choose? [single choice] \*

○ Surgical excision plus chemotherapy

○ Surgical resection + oncolytic virus

○ Depending on the therapeutic effect

○ Depending on the severity of the side effects

○ Depending on the degree of pain suffered during treatment

○ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. May I ask what you may concern about the oncolytic virus therapy for cancer? [multiple choice] \*

□ whether the therapeutic effect is good

□ whether oncolytic virus is really safe for normal cells

□ whether the costs of the treatment are too high

□ whether the treatment will be painful

19. What do you know about early and middle stage (stageI-III) colon cancer? (1: not familiar -5 :familiar) [single choice matrix] \*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| symptoms | ○ | ○ | ○ | ○ | ○ |
| treatment method | ○ | ○ | ○ | ○ | ○ |
| Side effects | ○ | ○ | ○ | ○ | ○ |

20. (optional) What is your family's monthly income? (single choice)

○ less than 5000 yuan

○ 5000-10000 yuan

○ 10,000- 30,000 yuan

○ 30,000-50,000 yuan

○ 50,000-100,000 yuan

○ 100,000-200,000 yuan

○ more than 200000

21. (optional) How much would you like to spend on cancer therapy until the cancer is under control? (single choice)

○ less than 30,000 yuan

○ 30,000-50,000 yuan

○ 60,000- 100,000 yuan

○ 110,000-150,000 yuan

○ 160,000-200,000 yuan

○ 200,000-300,000 yuan

○ more than 300,000

○ keep investing until the cancer is under control

22. What is your expected place for the treatment? [single choice] \*

○ Home (including other possible residential institutions such as homes for the elderly, homes of their Sons and daughters, etc.)

○ hospital

○ It doesn't matter

23. What are your reasons for looking forward to staying at home? [multiple choice] \*

□ for the convenience of life

□ don't like the hospital environment

□ convenient for family care

○ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

24. Why do you expect to be in the hospital? [multiple choice] \*

□ I don't want to cause too much trouble for my family

□ hospital facilities and equipment are more reassuring

□ the treatment can be inconvenient at home

□ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_