**Appendix:** Questionnaire design

**Group I**

Suppose that you are behind two patients (A and B) that need treatments; however because of scarcity of resources you can only treat one of the patients. Imagine that both patients have the same characteristics except the one thing provided in each scenario. Please indicate your decision in accordance with the following degree of preference:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **3** | **2** | **1** | **0** | **1** | **2** | **3** |
| Definitely give priority to **patient A** | Strongly prefer **patient A** | Some preference for **patient A** | No preference | Some preference for **patient B** | Strongly prefer **patient B** | Definitely give priority to **patient B** |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Patient A** |  | **Patient B** |
|  |  | **3** | **2** | **1** | **0** | **1** | **2** | **3** |  |
| #1 | Is 60 years old |  |  |  |  |  |  |  | Is 10 years old |
| #2 | Has a moderately painful disease |  |  |  |  |  |  |  | Has a very painful disease |
| #3 | Has been on a queue for treatment for 1 month |  |  |  |  |  |  |  | Has been on a queue for treatment for 6 months |
| #4 | Is an alcoholic with liver failure |  |  |  |  |  |  |  | Is an average person with the same liver disease |
| #5 | Is an average person |  |  |  |  |  |  |  | Is a person who gave contribution to the society (ex. scientist studying the cure for cancer) |
| #6 | Has 20% chance to live longer than 5 years with this treatment |  |  |  |  |  |  |  | Has 40% chance to live longer than 5 years with this treatment |
| #7 | Single person without dependents |  |  |  |  |  |  |  | Parent of children under age 18 |
| #8 | Has 80 years old |  |  |  |  |  |  |  | Has 40 years old |
| #9 | With the treatment quality of life would have a little improvement (from poor to fair) |  |  |  |  |  |  |  | With the treatment quality of life would modestly improve (from poor to good) |
| #10 | Entered a queue for treatment today |  |  |  |  |  |  |  | Has been on a queue for treatment for 1 month |
| #11 | Is a user of illegal drugs |  |  |  |  |  |  |  | Is an average person |
| #12 | Has a painless disease |  |  |  |  |  |  |  | Has a very painful disease |
| #13 | Has 20% chance to live longer than 5 years with this treatment |  |  |  |  |  |  |  | Has 80% chance to live longer than 5 years with this treatment |
| #14 | Do not have children |  |  |  |  |  |  |  | Has school-age children  |
| #15 | Has 80 years old |  |  |  |  |  |  |  | Has 20 years old |
| #16 | Will die within 1 month without the treatment |  |  |  |  |  |  |  | Will die within 1 week without the treatment |
| #17 | With the treatment quality of life would have a little improvement (from poor to fair) |  |  |  |  |  |  |  | With the treatment quality of life would substantially improve (from poor to very good) |
| #18 | Has been infected with HIV from unsafe sex or illegal drug use |  |  |  |  |  |  |  | Has accidentally been infected with HIV by receiving a blood transfusion from a hospital  |
| #19 | Has 25 years old |  |  |  |  |  |  |  | Has 10 years old |
| #20 | Entered a queue for treatment today |  |  |  |  |  |  |  | Has been on a queue for treatment for 6 month |
| #21 | Is an average person |  |  |  |  |  |  |  | Participated in the rescue of refugees in the Mediterranean.  |

**Group II**

In a context of scarcity of health resources you should decide between two patients (A and B) with different characteristic who to treat. Please indicate your choice in each scenario:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Patient A** | **Random choice** | **Patient B** |
| #1 |  Entered a queue for treatment today and suffers from severe pain |  | Has been on a queue for treatment for 1 month and suffers from moderate pain.  |
| #2 | Entered a queue for treatment today and with the treatment his quality of life will improve 60% (from poor to very good) |  | Has been on a queue for treatment for 1 month. With treatment his quality of life will improve 20% (from poor to fair) |
| #3 | Has a very painful disease. With the treatment quality of life would modestly improve (from poor to fair) |  | Suffers from moderate pain. With treatment quality of life would substantially improve (fair to very good)  |
| #4 | Has been infected with HIV from illegal drug use. Suffers from severe pain. |  | Has accidentally been infected with HIV by receiving a blood transfusion from a hospital. Suffers from moderate pain |
| #5 | Entered a queue for treatment today and is 20 years. |  | Has been on a queue for treatment for 1 month and is 60 years old. |
| #6 | Entered a queue for treatment today and has accidentally been infected with HIV by receiving a blood transfusion from a hospital |  | Has been on a queue for treatment for 1 month and has been infected with HIV from illegal drug use |
| #7 | Is 70 years old. With treatment has 80% chance to live longer than 5 years  |  | Is 20 years old. With treatment has 20% chance to live longer than 5 years |
| #8 | Is 70 years old. Has accidentally been infected with HIV by receiving a blood transfusion from a hospital |  | Is 20 years old. Has been infected with HIV from illegal drug use |
| #9 | With treatment has 80% chance to live longer than 5 years. Has been infected with HIV from illegal drug use |  | With treatment has 20% chance to live longer than 5 years. Has accidentally been infected with HIV by receiving a blood transfusion from a hospital |
| #10 | Is 70 years old. Without treatment will die within 1 week. |  | Is 20 years old. Without treatment will die within 6 months.  |
| #11 | Entered a queue for treatment today. Has children under age 18  |  | Has been on a queue for treatment for 6 months. Do not have children. |
| #12 | Entered a queue for treatment today. Is a scientist who invented a new treatment for cancer |  | Has been on a queue for treatment for 6 months. Is an average person. |
| #13 | Is an average person that without treatment will die within 1 week. |  | Is a scientist with contributions to the society and studying the cure for cancer. Without treatment will die within 6 months |
| #14 | Is single without dependents. Suffers from severe pain. |  | Has three children under age 18. Suffers from moderate pain. |
| #15 | Is a scientist with contributions to the society and studying the cure for cancer. Has a liver disease due to years of alcohol abuse. |  | Is an average person. Has accidentally been infected with HIV by receiving a blood transfusion from a hospital |
| #16 | Has been infected with HIV from illegal drug use in youth. Has children under age 18 |  | Has accidentally been infected with HIV by receiving a blood transfusion from a hospital. Do not have children. |
| #17 | With the treatment will live longer than 5 years in perfect health. Is an average person.  |  | With treatment has 20% chance to live longer than 5 years. Is a scientist who invented a new treatment for one kind of cancer. |
| #18 | With treatment has 20% chance to live longer than 5 years. Is married with children under age 18. |  | With the treatment will live longer than 5 years in perfect health. Is single without dependents. |
| #19 | Is 70 years old. Is a scientist who invented a new treatment for one kind of cancer. |  | Is 10 years old and an average person. |
| #20 | Is 60 years old and has a minor child  |  | Is 20 years old without children  |
| #21 | Is a scientist who invented a new treatment for one kind of cancer. Do not have children. |  | Is an average person, with children under age 18.  |