Supplemental Materials for
Preferences of Canadian Patients and Physicians for Treatment of HER2-/HR+ Advanced Breast Cancer

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Listing of Supplemental Material(s):
Supplemental Table 1: Patients’ reported feelings of anxiety and depression
Supplemental Table 2: Patients’ perceptions regarding control of their cancer
Supplemental Table 3: Patients fear of cancer progression
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### Supplemental Table 1. Patients’ reported feelings of anxiety and depression

| Feeling                              | Not at all | Fewer than half of the days | More than half of the days | Nearly every day |
|--------------------------------------|------------|-------------------------------|----------------------------|------------------|
| **Primary Analysis (N=17)**          |            |                               |                            |                  |
| Feeling nervous, anxious, or on edge | 4 (23.5)   | 6 (35.3)                      | 6 (35.3)                   | 1 (5.9)          |
| Not being able to stop or control worrying | 5 (29.4)   | 8 (47.1)                      | 4 (23.5)                   | 0                |
| Feeling down, depressed, or hopeless | 5 (29.4)   | 7 (41.2)                      | 5 (29.4)                   | 0                |
| Little interest or pleasure in doing things | 5 (29.4)   | 7 (41.2)                      | 5 (29.4)                   | 0                |
| **All Patients (N=48)**              |            |                               |                            |                  |
| Feeling nervous, anxious, or on edge | 12 (24.5)  | 22 (44.9)                     | 12 (24.5)                  | 3 (6.1)          |
| Not being able to stop or control worrying | 19 (38.8)  | 19 (38.8)                     | 8 (16.3)                   | 3 (6.1)          |
| Feeling down, depressed, or hopeless | 21 (42.9)  | 18 (36.7)                     | 8 (16.3)                   | 2 (4.1)          |
| Little interest or pleasure in doing things | 22 (44.9)  | 17 (34.7)                     | 9 (18.4)                   | 1 (2.0)          |

### Supplemental Table 2. Patients’ perceptions regarding control of their cancer

| Perception                                           | Strongly Disagree | Disagree | Neither Agree nor Disagree | Agree | Strongly Agree |
|------------------------------------------------------|-------------------|----------|----------------------------|-------|----------------|
| **Primary Analysis (N=17)**                          |                   |          |                            |       |                |
| I can definitely influence the course of the cancer   | 0                 | 2 (11.8) | 6 (35.3)                   | 8 (47.1) | 1 (5.9)        |
| My doctor can definitely influence the course of the cancer | 0                 | 1 (5.9) | 4 (23.5)                   | 8 (47.1) | 4 (23.5)        |
| The key people in my life can definitely influence the course of the cancer | 2 (11.8)          | 2 (11.8) | 6 (35.3)                   | 5 (29.4) | 2 (11.8)        |
| By taking extra care of myself I can influence the course of the cancer | 0 1 (5.9) 7 (41.2) 7 (41.2) 2 (11.8) |
|---|---|
| By living healthily I can influence the course of the cancer. | 0 1 (5.9) 7 (41.2) 7 (41.2) 2 (11.8) |
| If I follow the advice of my doctor, I can definitely influence the course of the cancer | 0 0 4 (23.5) 12 (70.6) 1 (5.9) |
| I can influence the course of the cancer by fighting against it. | 1 (5.9) 3 (17.6) 4 (23.5) 6 (35.3) 3 (17.6) |

**All Patients (N=48)**

| I can definitely influence the course of the cancer | 1 (2.1) 5 (10.4) 12 (25.0) 24 (50.0) 6 (12.5) |
|---|---|
| My doctor can definitely influence the course of the cancer | 0 3 (6.3) 7 (14.6) 23 (47.9) 15 (31.3) |
| The key people in my life can definitely influence the course of the cancer | 3 (6.3) 7 (14.6) 14 (29.2) 16 (33.3) 8 (16.7) |
| By taking extra care of myself I can influence the course of the cancer | 0 4 (8.3) 12 (25.0) 22 (45.8) 10 (20.8) |
| By living healthily I can influence the course of the cancer. | 1(2.1) 3 (6.3) 11 (22.9) 25 (52.1) 8 (16.7) |
| If I follow the advice of my doctor, I can definitely influence the course of the cancer | 0 1 (2.1) 10 (20.8) 26 (54.2) 11 (22.9) |
| I can influence the course of the cancer by fighting against it. | 3 (6.3) 7 (14.6) 10 (20.8) 14 (29.2) 14 (29.2) |

**Supplemental Table 3. Patients fear of cancer progression**

| Extent to Which Patients Worry about Future Diagnostic Tests, Other Types of Cancer, and Their Cancer Getting Worse, N (%) |
|---|---|---|---|---|
| Not at All | A little bit | Somewhat | Very much |

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Primary Analysis (N=17)

| Statement                                                                 | Strongly Disagree | Disagree | Neither Agree nor Disagree | Agree | Strongly Agree |
|---------------------------------------------------------------------------|-------------------|----------|---------------------------|-------|----------------|
| The thought of telling my (potential) spouse/partner that I may be unable to have children makes me uncomfortable. | 6 (35.3)          | 2 (11.8) | 8 (47.1)                  | 1 (5.9)| 0              |
| I am worried about passing on a genetic risk for cancer to my children.    | 1 (5.9)           | 0        | 1 (5.9)                   | 8 (47.1)| 7 (41.2)       |
| I am cautious about having (more) children because I might not be around to raise them. | 3 (17.6)          | 3 (17.6) | 5 (29.4)                  | 2 (11.8)| 4 (23.5)       |
| I will be happy with life whether or not I have (more) children someday.   | 1 (5.9)           | 1 (5.9)  | 6 (35.3)                  | 7 (41.2)| 2 (11.8)       |

All Patients (N=48)

| Statement                                                                 | Strongly Disagree | Disagree | Neither Agree nor Disagree | Agree | Strongly Agree |
|---------------------------------------------------------------------------|-------------------|----------|---------------------------|-------|----------------|
| The thought of telling my (potential) spouse/partner that I may be unable to have children makes me uncomfortable. | 16 (32.7)         | 6 (12.2) | 25 (51.0)                 | 2 (4.1)| 0              |

Supplemental Table 4. Patients’ perceptions regarding the effects of their cancer on fertility

Extent to which Patients Agree with Statements Regarding Their Cancer, N (%)
I am worried about passing on a genetic risk for cancer to my children.  

|            | 4 (8.2) | 3 (6.1) | 8 (16.3) | 18 | 16 |
|------------|---------|---------|----------|----|----|
|            | (36.7)  | (32.7)  |          |    |    |

I am cautious about having (more) children because I might not be around to raise them.  

|            | 7 (14.3) | 3 (6.1) | 27       | 2 (4.1) | 10 |
|------------|----------|---------|----------|---------|----|
|            | (55.1)   | (20.4)  |          |         |    |

I will be happy with life whether or not I have (more) children someday.  

|            | 5 (10.2) | 1 (2.0) | 21       | 12      | 10 |
|------------|----------|---------|----------|---------|----|
|            | (42.9)   | (24.5)  |          |         |    |

Supplemental Appendix 1. Survey instrument

Acrobat Document