**Supplementary Patient and Doctor Questionnaires in English**

**Patient Questionnaire (PQ)**

1. Have you ever discontinued thyroid hormone for more than 2 weeks for radioiodine therapy or test for thyroid cancer?

□ Yes □ No 🡺Stop the survey here

1. Have you received radioiodine therapy or test within the past 6 months?

□ Yes □ No 🡺Stop the survey here

1. How many times has the most recent radioiodine therapy or test been performed?  
   (Please write down **the sum of treatments and tests.**)

□ Once □ Twice □ Three times □ More than four times □ Not sure

1. How long did you discontinue thyroid hormone for the most recent radioiodine therapy or test? (\_\_\_\_\_\_\_\_weeks)
2. When did you reinitiate thyroid hormone treatment?  
   (If you do not know the exact date, include only the month.)

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* Please circle the answers you feel are appropriate.

1. Please choose all the symptoms you experienced during the discontinuation of thyroid hormone or until 1 to 2 months after the reinitiation of thyroid hormone.

* Fatigue/lethargy------------------ □Yes □No
* Depression ----------------------- □Yes □No
* Weight gain ---------------------- □Yes □No
* Decreased concentration ------- □Yes □No
* Nausea ---------------------------- □Yes □No
* Body swelling ------------------- □Yes □No
* Joint/muscle pain ---------------- □Yes □No
* Constipation ---------------------- □Yes □No
* Headache ------------------------- □Yes □No
* Others (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
* No symptoms -------- □

1. (Please answer the questions only if it has been more than 3 months since you reinitiated thyroid hormone.) How much time did it take to completely return to normal life after reinitiation of thyroid hormone? (\_\_\_\_\_\_\_\_\_\_\_weeks)
2. Did you have physical difficulties with activities of daily living during the discontinuation of thyroid hormone?

□ No □ Somewhat □ Strongly

1. Did you have difficulties with activities of daily living because of mental or emotional problems (depression or anxiety) during the discontinuation of thyroid hormone?

□ No □ Somewhat □ Strongly

1. Please choose all the difficulties caused by physical and mental problems which occurred during discontinuation of thyroid hormone.

□ Household chores □ Parenting □ Job

□ Exercise □ Meeting with friends/neighbors □ Marital/family relationship

□ Driving □ Others (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

1. Were you given an explanation about the symptoms caused by the discontinuation of thyroid hormone by the medical staff before discontinuation?

□ No □ Somewhat □ Fully

1. Were you given a full explanation about how to prevent and alleviate the symptoms which may occur due to the discontinuation of thyroid hormone by the medical staff before discontinuation of hormone?

□ No □ Somewhat □ Fully

1. Have you received separate treatment to control the symptoms which occurred due to thyroid hormone withdrawal? (e.g., over-the-counter drugs or visit to an herbal doctor.)

□ Yes □ No

1. If there is a way to be treated without discontinuing thyroid hormone (without suffering hypothyroidism), would you consider receiving the treatment?

□ I would consider it regardless of expense.

□ I would consider it if it costs a maximum of 1 million won (1,000 USD).

□ I would not consider it at all.

Q15. Please express your experience with hypothyroidism in one sentence.  
(e.g., I felt uncomfortable with my boss because I had to take one month off from work.)

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| --- |
| The information and statement you gave will not be used for purposes other than statistical analyses.   * Job   □ Housewife □ Employee □ Self-employed □ Student □ Others   * Education level   □ Less than high school □ High school graduate □ College graduate  □ Postgraduate degree □ More than postgraduate |

**Doctor Questionnaire (DQ)**

* Please circle the answers you think are appropriate.

1. How long do you discontinue patient thyroid hormone? (\_\_\_\_\_\_\_\_weeks)
2. Please choose all the symptoms which patients complain of during discontinuation of thyroid hormone (hereafter referred to as “hypothyroidism”).

* Fatigue/lethargy ------------------------ □Yes □No
* Depression -------------------------------- □Yes □No
* Weight gain ------------------------------ □Yes □No
* Decreased concentration --------------- □Yes □No
* Nausea ------------------------------------ □Yes □No
* Body swelling --------------------------- □Yes □No
* Joint/muscle pain ------------------------ □Yes □No
* Constipation ----------------------------- □Yes □No
* Headache --------------------------------- □Yes □No
* Others (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
* No symptoms ----------------------------- □

1. How long do you think patient hypothyroidism lasts?  
   (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
2. Do you think patients have physical difficulties with activities of daily living or job because of hypothyroidism?

□ No □ Somewhat □ Strongly

1. Do you think patients have difficulties with activities of daily living or job due to mental or emotional problems (depression or anxiety) caused by hypothyroidism?

□ No □ Somewhat □ Strongly

1. Do you think hypothyroidism can have a negative effect on a patient’s family and daily life at home?

□ No □ Somewhat □ Strongly

1. Do patients usually actively complain of the symptoms of hypothyroidism to you?

□ No □ Somewhat □ Actively

1. Do you fully explain to patients the symptoms which may occur during the discontinuation of thyroid hormone and how to manage them?

□ No □ Somewhat □ Fully

1. What do you believe about the patient experience of hypothyroidism?

□ Most of patients will not experience hypothyroidism.

□ It will be a little tough but tolerable.

□ It will be a difficult and painful experience.

□ I don’t know.

1. Do you think Thyrogen treatment, which may replace the discontinuation of thyroid hormone, can be helpful to patients?

□ I think it is helpful and actively recommend it.

□ It is helpful, but I recommend it only to some patients under specific conditions.

□ I give patients two options (discontinuation of hormone or Thyrogen) and let him/her make a decision.

□ I think it is enough to discontinue thyroid hormone.