This dataset is created based on Gen 3/Omni 2/NOS FHS participants’ **self-reported** information from Exam 1 to Exam 3.

The following is the timeline for related questions found in individual FHS core exams (N = No, Y = Yes):

|  |  |  |  |
| --- | --- | --- | --- |
| FHS Core Exam | 1 | 2 | 3 |
| Thyroid | Y | Y | Y |

Table of Contents

[**ID**](#ID) **3**

[**Thyroid Disease Variables**](#Antidepressants)**4**

[**Thyroid Medicine Variables**](#Hypnotics)**6**

[**Appendix – Thyroid ATC codes**](#Appendix1)**7**

|  |
| --- |
| **IDTYPE** |

**Variable name:** idtype

**Description:** Framingham Heart Study cohort identifier

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 2 | New Offspring Spouse Cohort |
| 3 | Generation 3 Cohort |
| 72 | Omni 2 Cohort |

|  |
| --- |
| **ID** |

**Variable name:** id

**Description:** Framingham Heart Study participant identifier within cohort

|  |
| --- |
| **IDTYPE and ID must be used together to form a unique study participant identification number or use variable “framid” instead** |

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 – 9999 | Range of values |

**Note:** To preserve confidentiality, the exact range for the ID is not reflected in the coding manual.

|  |
| --- |
| **FRAMID** |

**Variable name:** Framid

**Description:** Framingham ID assigned to each participant

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 20000 – 29999 | NOS |
| 30000 – 39999 | Gen 3 |
| 720000 – 729999 | Omni 2 |

**Note:** To preserve confidentiality, the exact range for the ID is not reflected in the coding manual.

|  |
| --- |
| **THYROID\_CORE1** |

**Variable name:** thyroid\_core1

**Description:** Thyroid disease present, exam 1

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Unknown |

**Note:** This variable was derived from G3A399 in core exam 1.

CDI - THYROID DISEASE

0 NO

1 YES

2 MAYBE

. UNKNOWN

NOTE: DIAGNOSTIC IMPRESSION - NO HARD DATA - USE WITH CAUTION

Refer to R code for more information.

|  |
| --- |
| **THYROID\_CORE2** |

**Variable name:** thyroid\_core2

**Description:** Thyroid disease present, exam 2

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Unknown |

**Note:** This variable was derived from G3B0420 in core exam 2.

Clinical Diagnostic Impression: Endocrine: Thyroid disease

0 No

1 Yes

2 Maybe

. Unknown

Note: Clinical Diagnostic Impression ONLY. Not hard data. Use with caution. Not verified.

Refer to R code for more information.

|  |
| --- |
| **THYROID\_CORE3** |

**Variable name:** thyroid\_core3

**Description:** Thyroid disease present, exam 3

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No |
| 1 | Yes |
| . | Unknown |

**Note:** This variable was derived from G3C0610 in core exam 3.

Clinical Diagnostic Impression: Endocrine: Thyroid disease

0 No

1 Yes

2 Maybe

. Unknown

Note: Clinical Diagnostic Impression ONLY. Not hard data. Use with caution. Not verified.

Refer to R code for more information.

**THYROID\_MED\_CORE1**

**Variable name:** thyroid\_med\_core1

**Description:** Interim history of thyroid medication use in exam 1

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No thyroid medication usage |
| 1 | Thyroid medication usage |
| . | Did not attend exam/Unknown |

**Note:** This variable is based on ATC coded datasets. Refer to appendix/R code for more information.

**THYROID\_MED\_CORE2**

**Variable name:** thyroid\_med\_core2

**Description:** Interim history of thyroid medication use in exam 2

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No thyroid medication usage |
| 1 | Thyroid medication usage |
| . | Did not attend exam/Unknown |

**Note:** This variable is based on ATC coded datasets. Refer to appendix/R code for more information.

**THYROID\_MED\_CORE3**

**Variable name:** thyroid\_med\_core3

**Description:** Interim history of thyroid medication use in exam 3

|  |  |
| --- | --- |
| **Code or Value** | **Description** |
| 0 | No thyroid medication usage |
| 1 | Thyroid medication usage |
| . | Did not attend exam/Unknown |

**Note:** This variable is based on ATC coded datasets. Refer to appendix/R code for more information.

**ATC codes for Thyroid**

|  |  |  |
| --- | --- | --- |
| **H03** | **THYROID THERAPY** |  |
| H03A | THYROID PREPARATIONS |  |
| *H03AA* | *Thyroid hormones* |  |
| H03AA01 | Levothyroxine sodium |  |
| H03AA02 | Liothyronine sodium |  |
| H03AA03 | Combinations of levothyroxine and liothyronine | |
| H03AA04 | Tiratricol |  |
| H03AA05 | Thyroid gland preparations |  |
| H03B | ANTITHYROID PREPARATIONS |  |
| *H03BA* | *Thiouracils* |  |
| H03BA01 | Methylthiouracil |  |
| H03BA02 | Propylthiouracil |  |
| H03BA03 | Benzylthiouracil |  |
| *H03BB* | *Sulfur-containing imidazole derivatives* |  |
| H03BB01 | Carbimazole |  |
| H03BB02 | Thiamazole |  |
| H03BB52 | Thiamazole, combinations |  |
| *H03BC* | *Perchlorates* |  |
| H03BC01 | Potassium perchlorate |  |
| *H03BX* | *Other antithyroid preparations* |  |
| H03BX01 | Diiodotyrosine |  |
| H03BX02 | Dibromotyrosine |  |
| H03C | IODINE THERAPY |  |
| *H03CA* | *Iodine therapy* | **\*not included** |
| *H03CA* | *Iodine therapy* |  |