

# ICD-11 Coding Tool Overview

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# 1. Introduction

This overview describes how to use the ICD-11 Coding Tool.

## 2. ICD-11 Coding Tool

The coding tool is the ICD-11 Index. It has a very basic front screen. Content is displayed when you start to type in the search box.



The tool works by searching all ICD-11 terms. It has links to the browser allowing you to verify your code selection by clicking on the orange circle .

The tool searches as you type in the search box; it looks at variants of synonyms for the search terms and returns results that contain all components of the search. The tool generates three different outputs.

On the left of the screen is the word list. The tool predicts the word you are looking for as you type, so what you are searching for may display before entering the whole term.

When searching for dyspepsia, entering 'dysp' displays a word list on the left with all words starting with 'dysp'. As you type more letters and words into the search box the results become more distilled until you can find the condition you want to classify using ICD-11.

**ICD-11 Coding Tool** Mortality and Morbidity Statistics (MMS) 2018 Help

Search:  ×

Guessing the word being typed... The results shown are incomplete

**Word list** sort:

- dysplasia
- dysplastic
- dysplasias
- dysphagia
- dyspnoea
- dysproteinaemia
- dyspigmentation
- dysphasia
- dyspareunia
- dysphoric
- dysphoria
- dyspraxia
- dysproteinemia
- dysplasia-neoplastic
- dyspnea
- dyspepsia
- dysphonia
- dysprothrombinaemia
- dysphagocytosis
- dyspituitarism

**Destination Entities** sort:

- 5D0Y** Other specified metabolic disorders 🔗
  - dysproteinaemia**
- MD11.5 Dyspnoea** 🔗
- 5A61.Y** Other specified hypofunction or disorders of pituitary gland 🔗
  - dyspituitarism**
- 3B14.Z** Other inherited coagulation factor deficiency with bleeding tendency, unspecified 🔗
  - Dysprothrombinaemia**
- MA82.1Z Dysphonia, unspecified** 🔗
- MB24.7 Dysphoria** 🔗
- MD92 Dyspepsia** 🔗
- MA80.1 Dysphasia** 🔗
- GA12 Dyspareunia** 🔗
- MD93 Dysphagia** 🔗
- BD11.Z** Left ventricular failure, unspecified 🔗
  - cardiac **dyspnea**
- CA23.3** Unspecified asthma 🔗
  - asthmatic **dyspnoea**
- LD24.5Z Spondyldysplastic dysplasias, unspecified** 🔗
- 9A70.Y** Other specified hereditary corneal dystrophies 🔗
  - Ophthalmomandibulomelic **dysplasia**
- CB04.0** Diffuse pulmonary developmental disorders 🔗
  - Acinar **dysplasia**
- DA07.3** Disturbances in tooth formation 🔗
  - Dental **dysplasia**
- DA07.5** Cementum **dysplasia** 🔗
- FB80.0** Fibrous **dysplasia** of bone 🔗

**Chapter distribution / filter**

- Developmental anomalies** 26
- Symptoms, signs, findings...** 6
- Musculoskeletal system** 4
- ...
- Genitourinary System** 4
- Circulatory system** 2
- Respiratory system** 2
- Digestive system** 2
- Endocrine, nutritional, metabolic** 2
- Blood** 1
- Eye and adnexa** 1

The search results are initially arranged by the number of times that word is used in ICD-11 but can be changed to list them alphabetically.

**ICD-11 Coding Tool** Mortality and Morbidity Statistics (MMS) 2018 Help

Search:  ×

Guessing the word being typed... The results shown are incomplete

**Word list** sort:

- dysplasia
- dysplastic
- dysplasias
- dysphagia
- dysproteinaemia
- dyspnoea
- dysphasia
- dyspigmentation
- dyspareunia
- dysphoria

**Destination Entities** sort:

- 5D0Y** Other specified metabolic disorders 🔗
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- 3B14.Z** Other inherited coagulation factor deficiency with bleeding tendency, unspecified 🔗
  - Dysprothrombinaemia**
- MA82.1Z Dysphonia, unspecified** 🔗

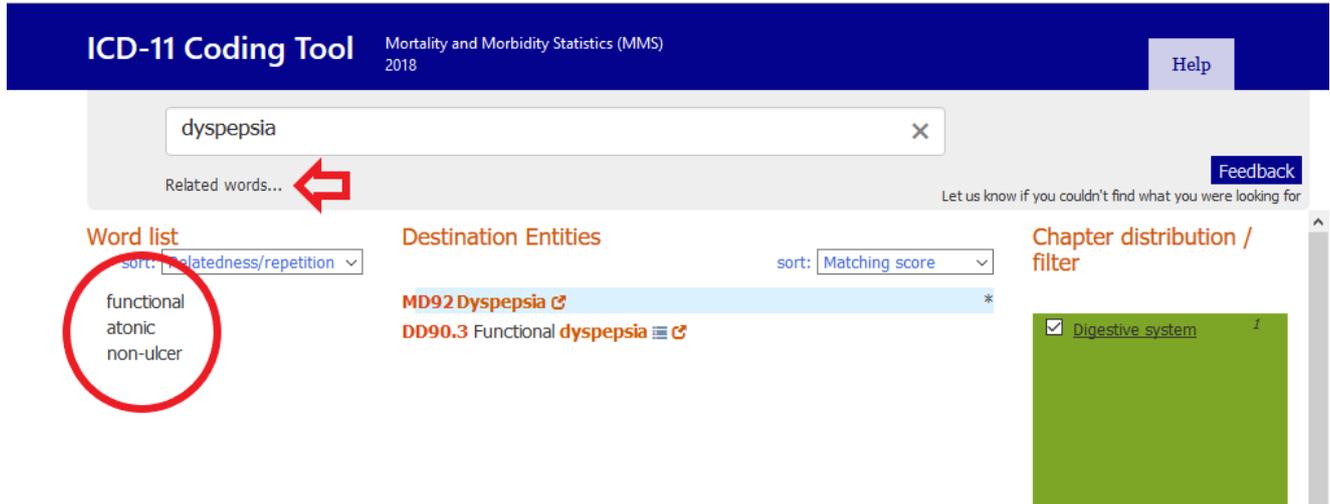
**Chapter distribution / filter**

- Developmental anomalies** 26
- Symptoms, signs, findings...** 6

The term can be selected from the word list or can be fully typed then selected.

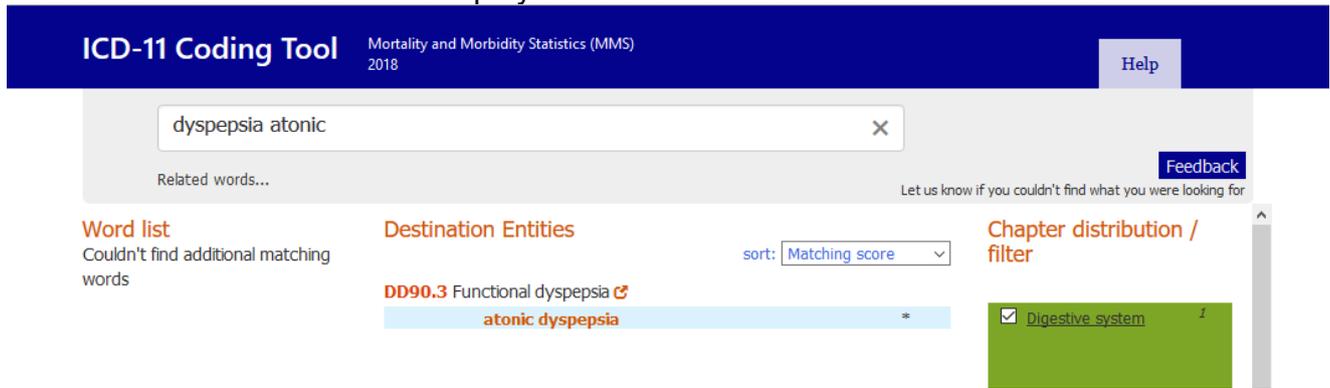
After selecting the term, other related words will then appear in the list and these can be selected to form the diagnosis or condition you are looking for.

Here you can see that the tool has displayed other terms related to dyspepsia in the word list, these are functional, atonic and non-ulcer as these are the types of dyspepsia classified in ICD-11.

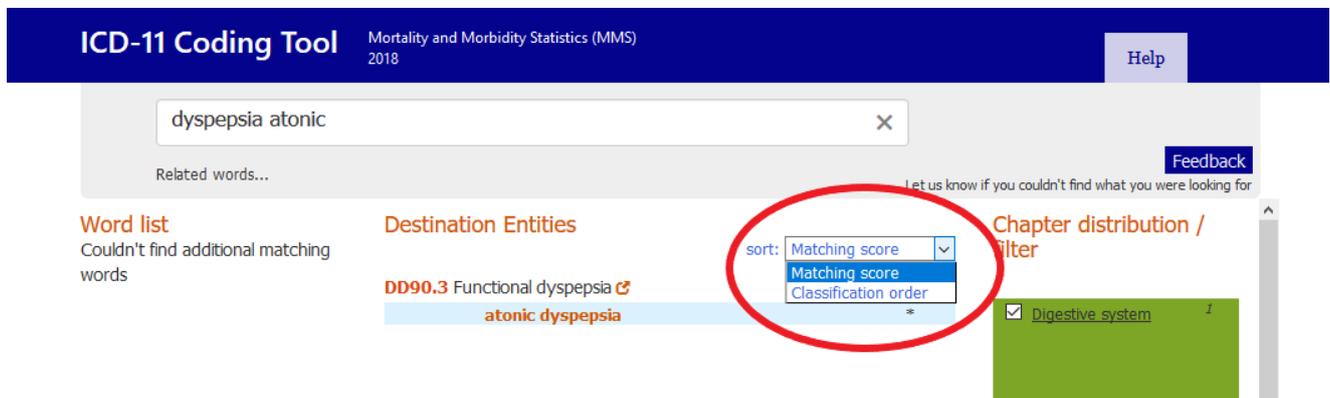


The results of the search are displayed in the center of the screen under destination entities and if typing part of a word, all concepts containing the part of the word will be displayed.

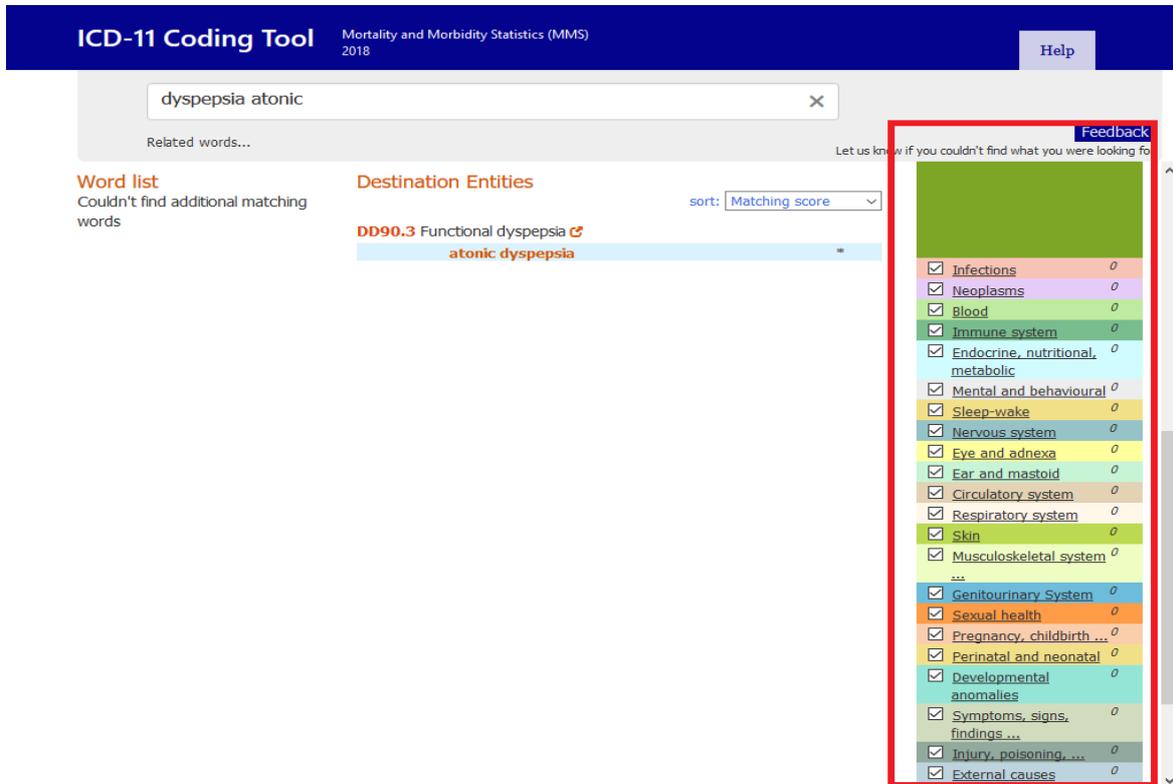
For example, when searching for 'atonic dyspepsia' you can select dyspepsia and atonic and the code that classifies this is displayed in the center of the screen under destination entities.



The output of the destination entities matches the ICD-11 hierarchy and can be viewed either by results according to the nearest match or in the order they appear in the classification.



On the right is the chapter distribution filter. This shows the number of matches found in each chapter. You can untick the boxes next to a chapter so the results from that chapter are not shown or select the underlined chapter heading to show the results only from that chapter. Select 'Show results from default set' to show results from the default chapters.

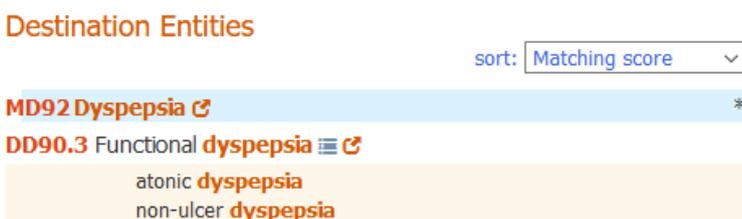


There are two symbols that may be present at the side of the search results as seen here next to functional dyspepsia.

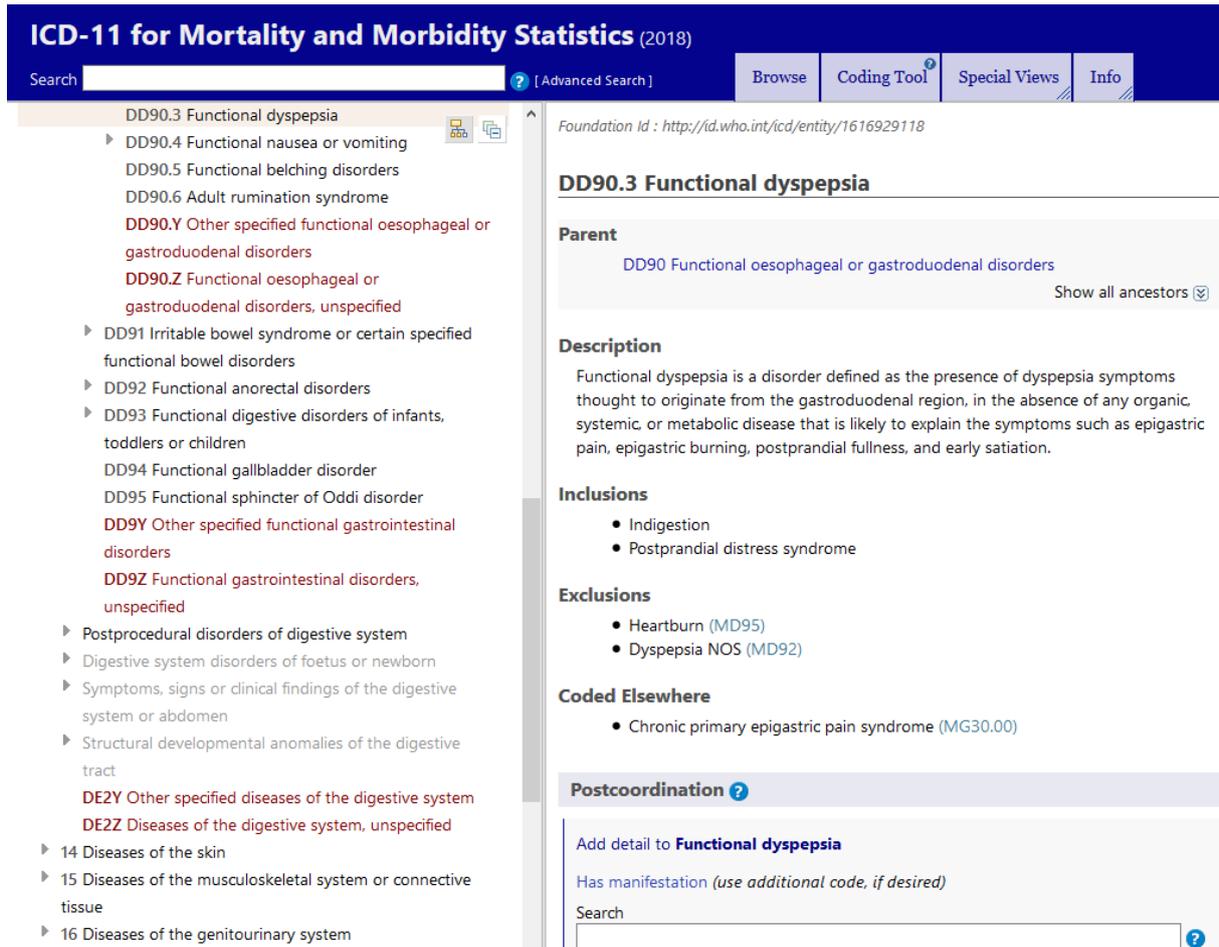


The first symbol looks like a list  and is present at concepts that have other index entries and inclusions associated with them. If the symbol is selected the additional index entries and inclusion terms are shown underneath.

The second symbol is an orange circle with an arrow . This symbol is present at the side of every code listed under destination entities.



Selecting  takes you to the entity in MMS browser where you can verify the code.



**ICD-11 for Mortality and Morbidity Statistics (2018)**

Search  [ Advanced Search ]

Browse Coding Tool Special Views Info

DD90.3 Functional dyspepsia

- ▶ DD90.4 Functional nausea or vomiting
- DD90.5 Functional belching disorders
- DD90.6 Adult rumination syndrome
- DD90.Y Other specified functional oesophageal or gastroduodenal disorders
- DD90.Z Functional oesophageal or gastroduodenal disorders, unspecified
- ▶ DD91 Irritable bowel syndrome or certain specified functional bowel disorders
- ▶ DD92 Functional anorectal disorders
- ▶ DD93 Functional digestive disorders of infants, toddlers or children
- DD94 Functional gallbladder disorder
- DD95 Functional sphincter of Oddi disorder
- DD9Y Other specified functional gastrointestinal disorders
- DD9Z Functional gastrointestinal disorders, unspecified
- ▶ Postprocedural disorders of digestive system
- ▶ Digestive system disorders of foetus or newborn
- ▶ Symptoms, signs or clinical findings of the digestive system or abdomen
- ▶ Structural developmental anomalies of the digestive tract
- DE2Y Other specified diseases of the digestive system
- DE2Z Diseases of the digestive system, unspecified
- ▶ 14 Diseases of the skin
- ▶ 15 Diseases of the musculoskeletal system or connective tissue
- ▶ 16 Diseases of the genitourinary system

Foundation Id : <http://id.who.int/icd/entity/1616929118>

### DD90.3 Functional dyspepsia

**Parent**

[DD90 Functional oesophageal or gastroduodenal disorders](#)

Show all ancestors

**Description**

Functional dyspepsia is a disorder defined as the presence of dyspepsia symptoms thought to originate from the gastroduodenal region, in the absence of any organic, systemic, or metabolic disease that is likely to explain the symptoms such as epigastric pain, epigastric burning, postprandial fullness, and early satiation.

**Inclusions**

- Indigestion
- Postprandial distress syndrome

**Exclusions**

- Heartburn (MD95)
- Dyspepsia NOS (MD92)

**Coded Elsewhere**

- Chronic primary epigastric pain syndrome (MG30.00)

**Postcoordination**

Add detail to **Functional dyspepsia**

Has manifestation (use additional code, if desired)

Search

The Coding Tool provides post-coordinated combinations in the search results where the search includes laterality, course and specific anatomy. This means that you may see that a cluster of codes is displayed for some searches. For example, the search term 'Fracture head left femur' returns a post-coordinated combination. When linking to the browser the post-coordinated combination is shown in the post-coordination area.

The top screenshot shows the ICD-11 Coding Tool interface with the search term 'Fracture head left femur'. The 'Destination Entities' list includes:

- NC72.0 &XK8G Fracture of head of femur [Left]
- NC72.Z &XK8... Fracture of femur, unspecified [Left] [femoral head]
- NC72.3Z &XK... Fracture of trochanteric section of femur, unspecified [Left] [femoral head]
- NC72.4 &XK8... Subtrochanteric fracture [Left] [femoral head]
- NC72.30 &XK... Intertrochanteric fracture of femur [Left] [femoral head]

The bottom screenshot shows the detailed view for 'NC72.0 Fracture of head of femur'. The 'Postcoordination' section shows:

NC72.0 Fracture of head of femur  
 Laterality: XK8G Left

The code 'NC72.0&XK8G' is circled in red in the bottom screenshot.

If the search returns no results under destination entities you may see 'Try flexible search' appear.

Selecting the flexible search option will give you some other suggestions to look at. In the regular search mode, the Coding Tool will only return results that contain *all* of the words that were used in the search. Whereas in flexible search mode, the results do not have to contain all of the words that are typed. It will still try to find the best matching phrase but there may be words in your search that are not matched at all.

For example, if searching for '*primary steatorrhea*' there is no phrase in the ICD-11 index that contains these words together. The regular search of the Coding Tool will not give you any results whereas if the flexible search is used this returns results that contain one of the words.

primary steatorrhea ✕

Guessing the word being typed... Feedback

Let us know if you couldn't find what you were looking for

**Word list**

Couldn't find additional matching words

**Destination Entities**

Couldn't find matching entities

[Try flexible search ?](#)

**Chapter distribution / filter**

<input checked="" type="checkbox"/>	Infections	0
<input checked="" type="checkbox"/>	Neoplasms	0
<input checked="" type="checkbox"/>	Blood	0
<input checked="" type="checkbox"/>	Immune system	0
<input checked="" type="checkbox"/>	Endocrine, nutritional, ...	0

primary steatorrhea ✕

Guessing the word being typed... **Flexible search is on!**

**Destination Entities**

**ME0Y** Other specified symptoms related to the lower gastrointestinal tract or abdomen [🔗](#)

**steatorrhea**

**DA95** Coeliac disease [🔗](#)

Idiopathic **steatorrhea** [🔗](#)

**DA96.01** Tropical sprue [🔗](#)

Tropical **steatorrhea** [🔗](#)

**DA96.02** Malabsorption or intolerance of specific nutrients [🔗](#)

chronic **steatorrhea**

**DC35.2** Pancreatic **steatorrhea** [🔗](#)

**1A61.0** **Primary** genital syphilis [🔗](#)

**primary** syphilis [🔗](#)

**1B10.1** Respiratory tuberculosis, not confirmed [🔗](#)

**primary** tuberculosis [🔗](#)

**1C1D.0** **Primary** yaws [🔗](#)

**2A85.4** Lymphoplasmacytic lymphoma [🔗](#)

**primary** macroglobulinaemia

**2D4Z** Unspecified malignant neoplasms of ill-defined or unspecified sites [🔗](#)

unknown **primary** [🔗](#)

**3B61.0** Hereditary thrombophilia [🔗](#)

**Primary** thrombophilia

**3B63.1Z** Acquired thrombocytosis, unspecified [🔗](#)

**primary** thrombocythaemia [🔗](#)

**4B00.00** Constitutional neutropenia [🔗](#)

**primary** neutropenia

**5A72.0** **Primary** hyperaldosteronism [🔗](#)

**5A74.0** Acquired adrenocortical insufficiency [🔗](#)

**Chapter distribution / filter**

<input checked="" type="checkbox"/>	Endocrine, nutritional, metabolic	11
<input checked="" type="checkbox"/>	Digestive system	7
<input checked="" type="checkbox"/>	Musculoskeletal system	6
<input checked="" type="checkbox"/>	Infections	3
<input checked="" type="checkbox"/>	Neoplasms	3
<input checked="" type="checkbox"/>	Immune system	3
<input checked="" type="checkbox"/>	Nervous system	3
<input checked="" type="checkbox"/>	Circulatory system	2
<input checked="" type="checkbox"/>	Skin	2
<input checked="" type="checkbox"/>	Genitourinary System	2
<input checked="" type="checkbox"/>	Blood	2
<input checked="" type="checkbox"/>	Sleep-wake	2
<input checked="" type="checkbox"/>	Pregnancy, childbirth...	1
<input checked="" type="checkbox"/>	Perinatal and neonatal	1