

# NEMESIS V3 Suggested List – eHistory.07 Environmental/Food Allergies

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## Authors

N. Clay Mann – NEMESIS P.I.

Karen E. Jacobson – NEMESIS Director

Keith R. Davis – NEMESIS Data Architect

## eHistory.07 – Environmental/Food Allergies

The code list associated with eHistory.07 (Environmental/Food Allergies) represents a list of values found in Systematized **N**omenclature of **M**edicine -- **C**linical **T**erms (SNOMED CT). The process for gaining access to the SNOMED CT code values is provided below.

## Suggested List

The suggested code list for eHistory.07 (Environmental/Food Allergies) is represented by SNOMED CT Clinical Findings or Disorder codes. The term types utilized for the describing environmental/food allergies are preferred terms (PT). There are synonyms for each environmental/food allergy code that can be used to display the allergy “concept”. The specific 92 suggested SNOMED CT codes are listed at the end of this document, beginning on page four.

When the environmental/food allergy suggested list was developed, the primary goal within SNOMED CT was to utilize “Clinical Findings” or “Disorder” codes to identify patient allergies. For consistency in reporting, it is important that Software Developers expanding the list of environmental/food allergies rely on the use of “Clinical Findings” or “Disorder” codes. If an appropriate code cannot be found among these code types, the Software Developer should contact the NEMESIS TAC, who will work with SNOMED to add an appropriate code to the SNOMED standard. The suggested SNOMED CT environmental/food allergies list, available on the NEMESIS download site, provides codes in alphabetical order by description. The list of environmental/food allergy descriptions is also provided below.

## Licensed “Suggested Lists”

The U.S. National Library of Medicine provides access to the SNOMED CT code values through the Unified Medical Language System (UMLS). An applicant must accept the terms of the UMLS Metathesaurus License and create a UMLS Terminology Services (UTS) account for access to UMLS datasets and terminology browsers.

More information can be found at: <http://www.nlm.nih.gov/databases/umls.html>.

The NEMSIS TAC may only distribute suggested lists with specific value codes from the UMLS system to entities licensed through the UMLS system. Thus, each software developer must seek licensing and provide proof of licensing before gaining access to all of the pre-defined suggested lists available through the NEMSIS TAC.

The SNOMED CT Concept Identifier codes are the only codes that can be shared publicly in tandem with the concept names. Similar to the other UMLS datasets, the UMLS experts recommend the use of one primary code (e.g. SNOMED - Concept ID) to identify a specific procedure. SNOMED CT allows for multiple similar descriptions /names for the same UMLS identified primary code (concept) which in turn provides a synonym for use. Together the Concept ID and TTY are used to define and identify a specific code and the corresponding description.

## Access to “Suggested List” Archive Files

Access to suggested code lists will be provided on a special section of the NEMSIS TAC’s download site. A licensed user will be able to login to the site and download the appropriate archive file (SNOMED CT, RxNorm, ICD-10, etc).

The UMLS license verification service helps determine if the remote user has a license to use and/or distribute certain code sets. If the user does not have a current license, access to the “suggested lists” archive will be denied.

The “suggested list” files will be zipped archives that are automatically created each time one of the licensed code databases is updated in the NEMSIS master data repository.

## Viewing and Using the “Suggested List” Archive Files

The downloaded suggested list appears in a pipe-delimited text format. The proper code to utilize is the code with the name of the element and closest to the value description. Please note that the CUI, AUI, and TTY fields are included for reference purposes. These codes allow one to locate the exact code and description in the UMLS Metathesaurus that was selected for inclusion in the suggested list.

The list provides additional fields indicating when a record became active in the NEMSIS TAC’s master data repository as well as the version of the source used for a particular code and description in the suggested list.

## Conclusions

By maintaining a single source of these data and making it available internally as well as to our customers, we improve our data quality and consistency. This will reduce reporting errors in data submissions provided it is used as part of our own and our customer's data management best practices.

## Unified Medical language System (UMLS) Term Types (TTY)

This is a partial list of Term Types in Source (TTY) from the National Library of Medicine website. The NEMSIS TAC will be using primarily the designated preferred name (PT) and occasionally the hierarchical term (HT) Term Types in its suggested lists. To view the full list of UMLS abbreviations used in data element please visit the National Library of Medicine website:

[http://www.nlm.nih.gov/research/umls/knowledge\\_sources/metathesaurus/release/abbreviations.html](http://www.nlm.nih.gov/research/umls/knowledge_sources/metathesaurus/release/abbreviations.html) .

TTY (Term Type in Source)		TTY (Term Type in Source)	
DN	Display Name	HT	Hierarchical term
DO	Domain	LT	Lower Level Term
ET	Entry term	PT	Designated preferred name
HC	Hierarchical class	RT	Designated related term
HD	Hierarchical descriptor		

## SNOMED CT Suggested List for eHistory.07 - Environmental/Food Allergies

	CodeDescr	SNOMED CT Code	TTY	Explanation of Inclusion (ALT: alternate EMS description; Clar: Clarification or example of potential use; SY - synonym)
1	Alcohol products allergy	294420000	PT	
2	Allergy to almond oil	418606003	PT	ALT: Almond oil allergy
3	Allergy to aluminum	402306009	PT	ALT: Aluminum allergy
4	Ant sting	403141006	PT	
5	Allergy to aspartame	419180003	PT	ALT: Aspartame allergy
6	Allergy to bee venom	424213003	PT	ALT: Bee sting
7	Boric acid allergy	294434000	PT	
8	Allergy to caffeine	418344001	PT	ALT: Caffeine allergy
9	Allergy to carrot	420080006	PT	ALT: Carrot allergy
10	Castor oil allergy	294318004	PT	ALT: Castor oil allergy
11	Allergy to cat dander	232346004	PT	ALT: Cat dander allergy
12	Cheese allergy	300914000	PT	
13	Allergy to substance	419199007	PT	ALT: Chemical/Substance Allergy; Clar: "Substance" covers many concepts including chemicals, pollen, various insect stings, metal, food, etc. This could be used to indicate allergy to household chemical cleaners.
14	Chocolate allergy	300912001	PT	
15	Allergy to cinnamon	418397007	PT	ALT: Cinnamon allergy
16	Coal tar allergy	294169006	PT	
17	Allergy to coconut oil	419814004	PT	ALT: Coconut oil allergy
18	Allergy to corn	419573007	PT	ALT: Corn allergy
19	Allergy to cosmetic	417982003	PT	ALT: Cosmetic allergy
20	Cow's milk protein sensitivity	15911003	PT	SY: Cow's milk allergy
21	Allergy to dairy product	425525006	PT	ALT: Dairy product allergy

	CodeDescr	SNOMED CT Code	TTY	Explanation of Inclusion
22	Dander (animal) allergy	232347008	PT	ALT: Dander allergy; SYN: Allergy to animal; Animal dander allergy
23	Allergy to dog dander	419271008	PT	ALT: Dog dander allergy
24	Dust allergy	390952000	PT	
25	Allergy to dye	418545001	PT	ALT: Dye allergy
26	Allergy to eggs	91930004	PT	ALT: Egg allergy
27	Environmental allergy	426232007	PT	
28	Feather allergy	232348003	PT	
29	Allergy to fish	417532002	PT	ALT: Fish allergy
30	Food allergy	414285001	PT	
31	Allergy to sulfite based food preservative	419421008	PT	
32	Allergy to fruit	91932007	PT	ALT: Fruit allergy
33	Gastrointestinal food allergy	414314005	PT	SY: Gastrointestinal food sensitivity
34	Allergy to gauze	418968001	PT	ALT: Gauze allergy
35	Gelatin allergy	294847001	PT	ALT: Gelatin allergy
36	Glycine allergy	294298002	PT	
37	Gold allergy	294238000	PT	
38	Allergy to grass pollen	418689008	PT	ALT: Grass pollen allergy SY: Allergy to hay
39	Guar gum allergy	294741005	PT	
40	Hornet sting	307427009	PT	
41	Allergy to horse dander	419063004	PT	ALT: Horse dander allergy
42	House dust allergy	232349006	PT	
43	Latex allergy	300916003	PT	
44	Allergy to legumes	409136006	PT	ALT: Legumes allergy
45	Lithium allergy	293817009	PT	
46	Lubricant allergy	294321002	PT	
47	Metal allergy	300915004	PT	
48	Allergy to mold	419474003	PT	ALT: Mold Allergy

	<b>CodeDescr</b>	<b>SNOMED CT Code</b>	<b>TTY</b>	<b>Explanation of Inclusion</b>
49	Multiple environmental allergies	444026000	PT	
50	Allergy to dietary mushroom	447961002	PT	ALT: Mushroom allergy
51	Allergy to nickel	419788000	PT	ALT: Nickel allergy
52	No known allergies	160244002	PT	SY: NKA - No known allergies
53	Allergy to nuts	91934008	PT	SY: Nut allergy
54	Allergy to oats	419342009	PT	ALT: Oats allergy
55	Olive oil allergy	294316000	PT	
56	Allergy	106190000	PT	ALT: Other allergy (Not Listed); SY: Atopic AND/OR hypersensitivity state
57	Paraffin allergy	294324005	PT	
58	Allergy to peanuts	91935009	PT	ALT: Peanut allergy
59	Arachis oil allergy	294317009	PT	Clar: Peanut oil allergy
60	Perfume allergy	300908007	PT	
61	Pesticide allergy	294619002	PT	
62	Photosensitization due to sun	258155009	PT	SY: Photosensitivity due to sun; Allergy to sunlight
63	Allergy to plant	402594000	PT	ALT: Plant allergy
64	Allergy to pollen	300910009	PT	ALT: Pollen allergy
65	Pollen-food allergy	432807008	PT	SY: Oral allergy syndrome
66	Allergy to pork	417918006	PT	ALT: Pork allergy
67	Allergy to potato	419619007	PT	ALT: Potato allergy
68	Allergy to red meat	418815008	PT	ALT: Red meat allergy
69	Allergy to rubber	419412007	PT	ALT: Rubber allergy
70	Allergy to rye	418184004	PT	ALT: Rye allergy
71	Allergy to scorpion venom	422921000	PT	ALT: Scorpion sting
72	Allergy to seafood	91937001	PT	SY: Seafood allergy
73	Seasonal allergy	444316004	PT	
74	Allergy to seed	419101002	PT	ALT: Seed allergy
75	Shellfish allergy	300913006	PT	
76	Allergy to shrimp	419972009	PT	ALT: Shrimp allergy

	<b>CodeDescr</b>	<b>SNOMED CT Code</b>	<b>TTY</b>	<b>Explanation of Inclusion</b>
77	Silicone allergy	294328008	PT	
78	Allergy to spider venom	427487000	PT	ALT: Spider bite
79	Allergy to strawberries	91938006	PT	ALT: Strawberry allergy
80	Sulfur allergy	294179008	PT	
81	Tape allergy	405649006	PT	
82	Allergy to tomato	418779002	PT	ALT: Tomato allergy
83	Tryptophan allergy	293842000	PT	
84	Vitamin A allergy	294923007	PT	
85	Vitamin D allergy	294924001	PT	
86	Vitamin K allergy	294925000	PT	
87	Allergy to walnuts	91940001	PT	ALT: Walnut allergy
88	Allergy to wasp venom	423058007	PT	ALT: Wasp allergy
89	Allergy to wheat	420174000	PT	ALT: Wheat allergy
90	Allergy to wood	402595004	PT	ALT: Wood allergy
91	Allergy to wool	425605001	PT	ALT: Wool allergy
92	Zinc allergy	294950002	PT	