**Report to SAC from Barbara Bushman, NLM Liaison**

January 2022

## COVID-19

Most NLM employees remain in maximum telework as of the issuance of this report. A few staff have returned on site to perform essential functions including those related to collection management. NLM remains closed to public visits.

## Alma Community Zone Updates

## LCNAMES

Through an arrangement with NLM, the LCNAMES (LCNAF) file in the Alma Community zone (CZ) is now updated on daily basis. Previously the file was updated weekly.

## MeSH

NLM worked with ExLibris to ensure MeSH in the Community zone is updated on the following schedule:

January – June: Loaded into Alma CZ on the 5th of the month

July, September - December: All loaded on December 5th

* The July file contains the preliminary version of the following year’s vocabulary
* No update file is published in August.
* The September, October, November, and December files are updates which provide the finalized version of the vocabulary for the coming year

For the 2022 MeSH Vocabulary, the entire MeSH file was updated to add the 024 containing the MeSH RDF URI. ExLibris successfully loaded the 2022 MeSH vocabulary on December 7, 2021.

## MeSH Update

See [NLM Technical Bulletin November-December 2021](https://www.nlm.nih.gov/pubs/techbull/nd21/nd21_medline_data_changes_2022.html)

2022 MeSH was adopted for cataloging on December 9, 2021, and PubMed was updated on December 16.

### Changes to MESH Headings

Twenty-four MeSH headings were either changed or deleted and replaced with up-to-date terminology:

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| --- | --- |
| **Replaced Term** | **Replaced-By Term** |
| African Continental Ancestry Group | [Blacks](https://meshb.nlm.nih.gov/record/ui?ui=D044383) |
| American Natives | [American Indians or Alaska Natives](https://meshb.nlm.nih.gov/record/ui?ui=D000086562) |
| Anabaena flos-aquae | [Dolichospermum flos-aquae](https://meshb.nlm.nih.gov/record/ui?ui=D046869) |
| Angiopoietin-like 4 Protein | [Angiopoietin-Like Protein 4](https://meshb.nlm.nih.gov/record/ui?ui=D000075803) |
| Asian Continental Ancestry Group | [Asians](https://meshb.nlm.nih.gov/record/ui?ui=D044466) |
| Casein Kinase Iepsilon | [Casein Kinase 1 epsilon](https://meshb.nlm.nih.gov/record/ui?ui=D048149) |
| Cingulata | [Xenarthra](https://meshb.nlm.nih.gov/record/ui?ui=D004490) |
| Continental Population Groups | [Racial Groups](https://meshb.nlm.nih.gov/record/ui?ui=D044469) |
| Dental Models | [Models, Dental](https://meshb.nlm.nih.gov/record/ui?ui=D003765) |
| Echidna | [Tachyglossidae](https://meshb.nlm.nih.gov/record/ui?ui=D004442) |
| Environmental DNA | [DNA, Environmental](https://meshb.nlm.nih.gov/record/ui?ui=D000080309) |
| Ethnic Groups | [Ethnicity](https://meshb.nlm.nih.gov/record/ui?ui=D005006) |
| European Continental Ancestry Group | [Whites](https://meshb.nlm.nih.gov/record/ui?ui=D044465) |
| Fermented Foods and Beverages | [Fermented Foods](https://meshb.nlm.nih.gov/record/ui?ui=D000074421) |
| Genus Pimenta | Pimenta |
| Hispanic Americans | Hispanic or Latino |
| Housekeeping | Household Work |
| Immunosuppression | Immunosuppression Therapy |
| Insectivora | Eulipotyphla |
| Kinesin | Kinesins |
| Oceanic Ancestry Group | Native Hawaiian or Other Pacific Islander |
| Protein-Serine-Threonine Kinases | Protein Serine-Threonine Kinases |
| Purpura, Schoenlein-Henoch | IgA Vasculitis |
| Translational Medical Research | Translational Research, Biomedical |

### New MeSH Headings and Concepts

277 new MeSH headings were added. A complete list of the new 2022 MeSH headings is available in PDF format; see [New Headings with Scope Notes, Annotations and Tree Locations](https://www.nlm.nih.gov/mesh/2022/download/2022NewheadingsbycategorywithScopeNotes.pdf).

#### New MeSH Headings Related to COVID-19 and SARS -CoV-2

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| --- |
| **MeSH Heading** |
| [2019-nCoV Vaccine mRNA-1273](https://meshb.nlm.nih.gov/record/ui?ui=D000090983) |
| [BNT162 Vaccine](https://meshb.nlm.nih.gov/record/ui?ui=D000090982) |
| [Ad26COVS1](https://meshb.nlm.nih.gov/record/ui?ui=D000090984) |
| [ChAdOx1 nCoV-19](https://meshb.nlm.nih.gov/record/ui?ui=D000090985) |

#### Entry Combination Revisions

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| **Previous MeSH Heading/Subheading (Entry Combination)** | **Replaced-by Heading for 2021** |
| Iron/deficiency | [Iron Deficiencies](https://meshb.nlm.nih.gov/record/ui?ui=D000090463) |
| Proprotein Convertase 9/antagonists & inhibitors | [PCSK9 Inhibitors](https://meshb.nlm.nih.gov/record/ui?ui=D000091362) |
| 1-Propanol/analogs & derivatives | [Propanols](https://meshb.nlm.nih.gov/record/ui?ui=D020005) |
| Shoulder Joint/injuries | [Shoulder Injuries](https://meshb.nlm.nih.gov/record/ui?ui=D000070599) |

#### Special MeSH Projects

##### **New and Updated Social Determinants of Health Headings:**

As a part of ongoing research and study, MeSH added new descriptors and updated concepts as they relate to Social Determinants of Health (SDoH) with help from the NIH Office of Behavioral and Social Sciences Research and other NIH Institutes and Centers.

For example, new Headings:

* [Economic Stability](https://meshb.nlm.nih.gov/record/ui?ui=D000091002)
* [Housing Instability](https://meshb.nlm.nih.gov/record/ui?ui=D000091003)
* [Environmental Justice](https://meshb.nlm.nih.gov/record/ui?ui=D000091383)
* [Community Support](https://meshb.nlm.nih.gov/record/ui?ui=D000091443)
* [Social Vulnerability](https://meshb.nlm.nih.gov/record/ui?ui=D000091482)
* [Access to Healthy Foods](https://meshb.nlm.nih.gov/record/ui?ui=D000091483)
* [Social Structure](https://meshb.nlm.nih.gov/record/ui?ui=D000091485)
* [Child Poverty](https://meshb.nlm.nih.gov/record/ui?ui=D000091486)
* [Social Deprivation](https://meshb.nlm.nih.gov/record/ui?ui=D000091489)
* [Home Environment](https://meshb.nlm.nih.gov/record/ui?ui=D000091502)
* [Neighborhood Characteristics](https://meshb.nlm.nih.gov/record/ui?ui=D000091542)
* [Perceived Discrimination](https://meshb.nlm.nih.gov/record/ui?ui=D000091563)
* [Sociodemographic Factors](https://meshb.nlm.nih.gov/record/ui?ui=D000091569)
* [Census Tract](https://meshb.nlm.nih.gov/record/ui?ui=D000091368)
* [Health Inequities](https://meshb.nlm.nih.gov/record/ui?ui=D000091682)
* [Intersectional Framework](https://meshb.nlm.nih.gov/record/ui?ui=D000091702)
* [Ostracism](https://meshb.nlm.nih.gov/record/ui?ui=D000091488)
* [Systemic Racism](https://meshb.nlm.nih.gov/record/ui?ui=D000091722)
* [Social Status](https://meshb.nlm.nih.gov/record/ui?ui=D000091743)
* [Ethnic and Racial Minorities](https://meshb.nlm.nih.gov/record/ui?ui=D000091762)
* [Social Cohesion](https://meshb.nlm.nih.gov/record/ui?ui=D000091782)
* [Social Integration](https://meshb.nlm.nih.gov/record/ui?ui=D000080442)

## NLM Classification Update

### Scope of Revision of the 2021 Summer Edition

## 70th Anniversary of the NLM Classification

2021 marked the 70th anniversary of the [NLM Classification](https://classification.nlm.nih.gov/). The first edition of the classification was published in 1951 as the [U.S. Army Medical Library Classification](https://collections.nlm.nih.gov/catalog/nlm:nlmuid-101587919-bk). The name changed to the National Library of Medicine Classification with the second edition in 1956 to coincide with the library's name change. It is still recognized as a standard classification system for the arrangement of library materials in the field of medicine and related sciences used by health and medical libraries all over the world.

## Systematic Reviews for the 2021 Summer Edition

The major focus of the 2021 summer edition was the systematic review of the following schedules: WU (Dentistry. Oral Surgery) and WV (Otolaryngology). See [NLM Technical Bulletin September-October 2021](https://www.nlm.nih.gov/pubs/techbull/so21/so21_nlm_classification_summer_2021.html).

## Statistics from the WU (Dentistry. Oral Surgery) Systematic Review

* **23 WU class numbers added**

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| **New Class Number** | **Caption** |
| WU 29.1 | General coverage (Not Table-G) |
| WU 29.3 | Medical emergencies during dental care |
| WU 29.5 | Dental infection control |
| WU 115 | Oral hygiene |
| WU 120 | Dental health education |
| WU 140.8 | Mouth diseases |
| WU 192 | Dental cements |
| WU 194 | Dental porcelain |
| WU 195 | Dental synthetic resins |
| WU 215 | Tooth |
| WU 235 | Tooth root. Root canal therapy |
| WU 240.5 | Gingiva |
| WU 241 | Periodontal diseases (General and not elsewhere classified) |
| WU 246 | Tooth diseases (General or not elsewhere classified) |
| WU 247 | Tooth injuries |
| WU 260 | Tooth abnormalities |
| WU 272 | Fluoridation. Fluoride treatment |
| WU 355 | Dental restoration |
| WU 510 | Dental prosthesis |
| WU 511 | Crowns |
| WU 512 | Dentures |
| WU 450 | Public health dentistry |
| WU 626 | Maxillofacial prosthesis |

* **7 WU numbers cancelled**

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| **Deleted Class Number** | **Former Caption** | **New Instructions for Classification** |
| [WU 18.5] | Education of dental assistants, hygienists, and technicians | Classify works on education of dental auxiliaries in WU 18. |
| [WU 105] | Dental emergencies (General) | Classify works on medical emergencies during dental care in WU 29.3. |
| [WU 141.5] | Specific diagnostic methods, A-Z | Classify specific diagnostic methods in WU 141. |
| [WU 141.5.C3] | Cephalometry | Classify works on cephalometry used in dentistry in WU 141. |
| [WU 141.5.O2] | Odontometry | Classify works on odontometry in WU 215. |
| [WU 158] | Oral and dental injuries (General) | Classify works on tooth injuries in WU 247. Classify works on mouth injuries in WU 140.8. |
| [WU 170] | Dental chemistry (General) | Classify works on chemistry in LC's QD schedule. |
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## Statistics from the WV (Otolaryngology) Systematic Review

* **4 WV class numbers added**

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| **New Class Number** | **Caption** |
| WV 257 | Vestibular diseases |
| WV 268 | Vestibulocochlear physiological phenomena. Hearing |
| WV 480 | Larynx |
| WV 485 | Laryngeal diseases (General or not elsewhere classified) |

* **5 WV numbers cancelled**

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| **Deleted Class Number** | **Former Caption** | **New Instructions for Classification** |
| [WV 280] | Deaf-mutism | Classify works on mutism associated with deafness in WV 270. |
| [WV 310] | External nose | Classify works on the nose in WV 300-WV 301. |
| [WV 400] | General works | Classify general works on the pharyngeal region in WV 410. |
| [WV 401] | Anatomy. Physiology | Classify works on anatomy and physiology of the pharynx in WV 410. |
| [WV 510] | Inflammation | Classify works on laryngitis in WV 485. |