HCHS/SOL Investigator Use Database Overview

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The Hispanic Community Health Study / Study of Latinos (HCHS/SOL)
Investigator Use Database
Version 4.3
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Table of Contents

1. INTRODUCTION
This document describes the content and structure of the Investigator Use datasets created for HCHS/SOL. This database contains all the data collected at the baseline examination for the full cohort of 16,415 enrolled participants, subject to constraints (described within) to preserve participant confidentiality by de-identifying the data. Data for prospective participants who screened out are not included. No ancillary study data are included in this database.   Beginning in April 2013 information describing the Annual Follow-up (AFU) interview datasets have also been included.

2. STUDY OBJECTIVES
This multi-center observational longitudinal health study is designed to document health status in four Hispanic communities around the United States and to obtain baseline measures of pulmonary function, cardiovascular function, metabolic status, oral health, and measures of neurocognitive and psychological functioning. Approximately 16,000 adults of 18 to 74 years, will be enrolled at four field centers over a 36 month period, and will be followed for 36 months to assess health outcomes (see Sorlie et.al, 2010).

3. STUDY DESIGN
To address the study objectives the prospective follow-up cohort study was conducted in 4 field centers (Bronx, Chicago, Miami, and San Diego) as described in Sorlie, et al. Ultimately, 16,000 participants will be enrolled from a randomly selected set of household postal addresses in the target communities (see LaVange et. al 2010). Each of four field centers will recruit up to 4,000 persons of Hispanic origin to participate in the study. The age range is 18-74, and study participants are selected to obtain approximately 2,500 persons age 45-74, and approximately 1,500 persons age 18-44. Recruitment was designed to occur in stable communities so that persons can be contacted over time, and possibly examined more than once. Electronic copies of the study protocol and manuals of operation are also included elsewhere for reference with this data release.

3.1. Participants
All study participants are 18-74 years of age at screening, self- identified as being Hispanic/Latino, and not planning to move from the community during the period of follow-up. The recruited individuals attend an examination to assess cardiovascular and other disease risk factors, both known and potential. The risk factors of particular interest are occupational exposure, nutrition, oral health, physical activity, family structure, and acculturation. The study strives to make the percent of identified persons who actually attend the examination high, to reduce bias from non-response. There is no exclusion of persons based on existing health status but the following persons are not recruited: those who plan on moving away in the next 3 years; those who have health problems, disabilities, or mental problems so severe as to prohibit informed consent and actual clinic attendance. Language barriers are not a reason for exclusion for Spanish speakers not proficient in English, since all contact with participants is done using the appropriate language.

3.2. Schedule of Participant Data at Baseline
Table 1 lists the number of data collection forms collected during the baseline examination among the16,415 participants included in this data release. Ancillary study forms are not included in this distribution.

Table 1. Baseline Assessment Battery

Questionnaires	Form Code	Count
Alcohol Use History	ALE	16,358
Claudication History	CLE	16,273
Dietary Behavior	DBE	16,315
Economic Indicators	ECE	16,352
Health Care Use ver. A&B	HCE	16,131
Hearing Exam	HEE	15,919
Hearing History	HHE	16,094
Medical History	MHE	16,352
Medication Use	MUE	16,350
Neurocognitive	NEE	9,690
Occupation	OCE	16,130
Oral Health History	OHE	16,036
Physical Activity self-report	PAE	16,335
Personal Information	PIE	16,414
Respiratory History	RSE	16,165
SF-12 - Health Status	SFE	16,333
Sleep History	SLE	16,113
Social Networks	SNE	16,107
Sociocultural	SCE	16,343
Tobacco Use	TBE	16,346
Well-being	WBE	16,101
Weight History	WHE	16,119

Procedure(s) Forms

	Form Code	Count
Anthropometry	ANT	16,389
Ankle/Brachial Pressures	ABP	9,758
Biospecimen Collection	BIO	16,365
ECG record	ECG	16,232
Sitting Blood Pressure	SBP	16,412
Pulmonary Function pre-BD	PRB	15,609
Pulmonary Function post-BD	POB	1,178
Audiometry	AUR	15,890
Otoscopy	OTO	15,908
Tympanometry	TYR	15,885
EAR over-read summary	EAR	15,891
Sleep Study Record	SLA	15,277
Laboratory Results	LAB	16,288

24Hr Dietary and supplements recalls (NDSR)

	Form Code	Count
01-Nutrients ingredient level	INU	1,123,374
02-Nutrients whole food level	DIE	481,822
03-Nutrients meal level	MEO	153,709
04-Nutrients daily totals level	DTI	31,709
07-Food groups at whole food level	FSC	481,823
08-Food groups meal level	MSC	153,709
09-Food groups daily totals	DTS	31,709
12-Supplement 24 hour total	S24	31,709
13-Supplement 30 day average	SMI	15,785
14-Product 24 hour supplement	P24	17,732
15-Product 30 day supplement	PMI	15,236
16-Ingredient 24 hour supplement	I24	183,073

17-Ingredient 30 day supplement	I30	151,160
18-Blend ingredient 24 hour suppl.	B24	6,224
19-Blend ingredient 30 day suppl.	B30	5,038
Derived Variable Files		
Participant Derived	n/a	16,415
Audiometry Derived	n/a	15,891
Dental Derived	n/a	15,140
Periodontal Derived variables	PER	510,752
Objective Physical Activity - Counts	PA_CNTS	89,322
Objective Physical Activity - Derived	PA_DERV	14,913
Dietary Food Groups	FOOD_GROUP_DERV	30,332
Predicted Nutrients	PRED_NUTR_DERV	16,172
Medication Derived	MUEA_DERV	16,417
Administrative Forms		
Informed Consent Checklist, ver. A	ICTA	2,694
Informed Consent Checklist, ver. B	ICTB	13,721

3.3. Schedule of Participant Data Collection for Annual Follow-up

Study participants are eligible for their annual follow-up interview four weeks before the anniversary of their baseline examination. The window for completion of the interview is open for 6 months past the anniversary date. An AFU contact status is required at the conclusion of that time for all cohort members. For example, AFU-1 interview cycle started in March 2009 and ended in December 2012. See HCHS/SOL manual 3 on Retention and Follow-up for more details on how the randomly selected waves of participant recruitment align with the year of annual follow-up interview. Table 2 lists the number of data collection forms collected during the annual follow-up telephone contacts for the first through fourth years of AFU. The food frequency instrument was originally slated to be administered at baseline, but was moved to the first year of AFU to shorten the baseline examination time.

Table 2. Annual Follow-up Assessments Years 1-4

AFU Questionnaires	Form Code	Count
General Health status	GHE	64,833
Hospitalizations and ER events	HOE	65,752
Outpatient Self-reported conditions	OPE	62,642
Medications, ver. A	MEE	62,607
Self-reported Events (AFU-2)	EVE	47,152
Other Risk factors (AFU-2)	OTE	16,226
Food Propensity Questionnaire		
Food Propensity-Long, ver. A	FPEA	2,373
Food Propensity-Short, ver. B	FPEB	11,493

4. DATABASE STRUCTURE

4.1. Data Set Organization

There is one table (SAS data set) in the database for each type of data collection form at baseline. The data values from one completed paper form are stored in one record in the corresponding table (observation in the SAS data set). Each data item on a paper form is stored as one or more columns (variables) in the data set. Collection of direct measurements during examination procedures can also result in the creation of a data

file. Similarly, sitting blood pressure measurements are recorded on the SBP form while the technician uses the Omron HEM-907XL sphygmomanometer.

Since forms can be revised at during the course of the study, the version of the paper form used to collect the data is also included on each record (e.g., versions A or B). The SAS data set is a composite of the data items required to accommodate all versions of the corresponding data form. Some version specific data items will be missing in a given record depending upon which version was completed at time of data acquisition in the field.

Special derived variable datasets have been created to augment the original data measurement values. The participant derived variable file has computed score values based on standard algorithms for some of the instruments in question (CESD, SF-12v2). These algorithms have been included in the derived variable dictionary and can be found in the documents issued with this volume.

A codebook has been produced for each data set. A careful review of the codebooks, in conjunction with the forms, is critical to interpreting the data. The codebook provides a description of every variable in the data set as well as the frequency and meaning of variables' values. Analysts are *strongly* encouraged to use the codebooks, paying attention to the data user notes contained in this document.   Dedicated content area codebooks have now been developed separately and released in April 2013 for the diet recall interview files (NDS-R) and the objective physical activity data (Actical).

4.2. Form and Data Set Naming Conventions
Each HCHS/SOL data collection instrument (PDF form) has a unique four-letter mnemonic associated with it (e.g., SBPA for the HCHS/SOL Sitting Blood Pressure form, Version A). Corresponding data sets begin with the same first three letters of the mnemonic, followed by the character string "_INV4 for Investigator Use, Version 4. For example, the Sitting Blood Pressure data set for release 4 is "SBP_INV4". The naming convention serves both to identify the originating form and provide version control when subsequent generations of datasets are produced.   In April 2013 the first release of AFU interview related records occurred using the naming convention "_AFUINV1". In March 2016 the _AFUINV3 data was released which included years 1 through 4 of follow-up.   Files were renamed to reflect the move from the original study DMS to CDART2. Where different form / versions existed questions were renamed to match the current version.   For instances in which the item did not exist on the new form, the old variable name was retained.

4.3. Key Fields for Data Records
The unique identification of a participant data record within a file is determined by three primary key fields for forms that are collected once per visit for the baseline exam datasets (see HCHS/SOL Data Management Guide), and by the use of a sequencing field for the few forms that could occur many times per visit, except for 24hr recalls and objectively measured physical activity. These items are:

  1) ID: A random 8-digit identification code, unique to each HCHS/SOL participant.
  2) VISIT: Contact year number, a two digit field, "01" for baseline examination year.

3) AFU_YEAR: In the AFU interview form battery this variable is used to track the series of contacts, 1= AFU year 1, 2= AFU year 2, etc.
4) FSEQNO: Form sequence number, a two digit sequencing number (01-99) for multiple forms per visit
5) OCCURRENCE: A counter for multiple forms per visit, such as the HOE.

The key fields used in the specialized dietary recalls datasets (NDSR files) are described below in sections 5.36 to 5.47, and in the document HCHS/SOL Dietary Data Overview, Methods, and Guidelines. For key fields for objectively measured physical activity (Actical) see sections 7.4 and 7.5, and HCHS/SOL Physical Activity Data Overview, Methods, and Guidelines.

4.4. Common Variables Across Data Sets
An additional variable appears in every data set, and may be useful in identifying particular subsets of the data:
6) VERSION: Version of the data collection form. A one character variable indicating which version of the paper form was used to collect the data. Possible values for VERSION are "A", "B", and "C", representing the first, second, and third versions, respectively. Most forms have only one version, but a few have a second version (ICT, HCE, FPE) and the analyst needs to merge the files carefully in order to use all available information from those sources.
7) FORM: The original 3-letter form code that appears on the paper-based forms or on the form code selection menu in the DMS uses the convention of having the third letter designate the language version in use. Use this variable to detect changes in language of administration ("E" for English language forms versus "S" for the Spanish language version).

4.5. Variable Naming Conventions
While the key field and sort variables (see Sections 4.3 and 4.4) have the same name on each SAS record type (ID, VISIT, FSEQNO [also called OCCURRENCE], and VERSION), other SAS variables are unique to a specific form. To predictably and uniquely link data items to forms, these form-specific variable names begin with the same three characters as the data set name, followed by the form version letter, and then the question number as indicated on the form.   For example, question 1 on the Personal Information form, "gender", is named PIEA1 on the corresponding SAS file, PIE_INV4. Similarly, question 3, "Marital status", from the "A" version Personal Information form is named PIEA3.

4.6. Changes to Variables to Preserve Confidentiality
As part of the study commitment to complying with HIPAA regulations for participant confidentiality and in following guidelines from NHLBI/NIH the Coordinating Center has made explicit modifications and/ or deletions to variables that were common across all forms. All participant ID values were transformed from the original ID to random values to produce Investigator Use data files that protect the confidentiality of the individual. However, the authorized user will need to actively attend to the security and confidentiality of these Investigator Use files as part of the end user agreement.

A HCHS/SOL ID (ID) was re-derived for use in all data sets as a random identifier code for participants.

1) Addresses, phone numbers, and SSN of the participants were omitted from these files.
2) CENTER, is a real code to distinguish among participating field centers was created for the Investigator Use database and is included in the Participant derived variable set, PART_DERV_INV4 but removed from the ID string.
3) STAFF ID codes were deleted across all forms and not substituted.
4) DATES were kept unaltered and separate month, day, year text strings preserved for each item in case incomplete information was collected. AFU dates have the year preserved separately to highlight the linkage with event year whenever months and day of the month are unknown.
5) DATE OF BIRTH was converted to age at baseline and appears in the derived variable data sets, PART_DERV_INV4.

4.7. Missing Values

The study database employs a standard set of special missing value codes (see study codebook) that have contextual meaning. Since SAS allows numeric variables to assume up to 27 unique missing values, ".A to .Z, and ." the Coordinating Center uses several of these special missing codes to convey additional meaning to the analyst. Here is a table that describes that usage of missing values in HCHS/SOL.

Missing value	Meaning
. or blank	Empty field, missing
.Q	Don't know / refused
.S	Skipped field
.L	Below lower limit of analysis
.H	Above higher limit of analysis
.N	Not applicable/ not available

Selective recodes may need to be made to make use of known refusals, or to account for skip patterns in coding derived variables based on multiple items in a form. Using SAS, analysts are strongly encouraged to detect missing values by using "**≤ .Z**" which will detect these special missing values rather than "**= .**", which will not. Alternatively the SAS missing function can be used.   Laboratory variables with results reported as "< number", or "> number" for values below or above the assay limits are set to the special values of ".L" or ".H". The Quality Control manual for HCHS/SOL has an appendix with the limits of detection for lab measurements (e.g. serum glucose, total cholesterol, LDL-C, HDL-C, triglycerides).

5. DESCRIPTION OF DATA COLLECTION FORMS: BASELINE

5.1. Alcohol Use History (ALE)
A brief screen for history of alcohol use was administered that collects data on lifetime use, current use, and former use of alcohol. Limited metrics on at risk drinking can be derived from the quantity/frequency measures.

5.2. Claudication History (CLE)
Primarily intended for participants over age 44 to accompany the ankle/brachial pressure (ABP) measures. This instrument asks a limited series of questions on leg pain while walking to better standardize a history of claudication with self reported symptoms of peripheral arterial disease.

5.3. Dietary Behavior (DBE)
This 11-item instrument records responses to cultural preferences for food and where food is purchased and consumed in general terms.

5.4. Economic Indicators (ECE)
The instrument is a 6-item form that inquires about home ownership, income, number of people in household supported, and the 10-level "SES ladder".

5.5. Health Care Use (HCE).
The 12-item questionnaire measures insurance coverage, access and utilization of health care resources in the prior year. The participant is questioned on when & where they last received any treatment and if there were any barriers to medical care.

5.6. Hearing Exam Questions (HEE)
The questionnaire is administered immediately prior to the audiometry examination. Use of a hearing aid or any self-reports of hearing loss or auditory related diseases are noted.

5.7. Hearing History (HHE)
The hearing history questionnaire was derived from NHANES. The 35 items cover reported use of hearing aids, hearing loss, and activities of daily living that could be affected by hearing problems.

5.8. Medical History (MHE)
The 39 item medical history form inquires about non-pulmonary related health conditions. This instrument contains general questions on self-reported cardiovascular disease, stroke, hypertension, hypercholesterolemia, metabolic problems, cancer, and parity. See the respiratory history form for detailed questions on pulmonary disease.

5.9. Medication Use (MUE)
The medication use questionnaire captures the self-report of medication use and an inventory of both medications and supplements used during the last four weeks. Since participants may or may not know the actual indication for a specific medicine, there is embedded 10 item list of conditions for which medications could be prescribed.

5.10. Neurocognitive Battery (NEE)
Participants who are 45 or older will be presented with the neurocognitive test battery that is composed of the 6-time screener, verbal learning test, word fluency, and digit/symbol substitution. The form is a scoring sheet for examiners.

5.11. Occupation (OCE)
The occupational status and length of employment in primary and secondary jobs is collected on this questionnaire. In addition, some limited information on occupational exposures.

5.12. Oral Health History (OHE)
 The NHANES oral health history questionnaire is duplicated here to establish a baseline profile of oral health.

5.13. Personal Information (PIE)
The basic demographics information for the study participants is recorded on here (gender, date of birth, Hispanic/Latino heritage affiliation, racial group, country of origin). Date of birth has been replaced by age in the participant derived variable file.

5.14. Physical Activity (PAE)
The physical activity questionnaire used in HCHS/SOL was based on the commonly used Global Physical Activity Questionnaire (GPAQ) which captures self-report of low, moderate, and high energy expenditure activities both at work and during leisure time.

5.15. Respiratory History (RSE)
The respiratory history questionnaire developed for HCHS/SOL uses current guidelines from the American Thoracic Society to establish signs and symptoms for past vs. current history of respiratory disorders. The derived variables for current asthma and COPD in the participant derived variable file are based on the data in this questionnaire.

5.16. SF-12v2 Health Status (SFE)
A 12-item questionnaire was developed from the Medical Outcomes SF-36® Health Survey for use in monitoring outcomes for general and specific populations. This survey form has been shown to yield summary physical (PCS-12) & mental health (MCS-12) outcome measures. The mental and physical composite outcome scores are computed using algorithms and factor scores provided by Ware et al (2000) in their user's manual for the SF-12v2. The Short Form 12-item, version 2 (SF-12v2©) from QualityMetrics was used as a standardized assessment of physical and mental quality of life. The physical and mental composite health scores (PCS, MCS) are found in the participant derived variable file.

5.17. Sleep History (SLE)
The sleep history questionnaire is a composite instrument derived from several sleep studies and retaining items thought to be most useful in the interpretation of sleep disorders when combined with information from the sleep monitor. Sleep duration variables have been updated in this version of the dataset.

5.18. Social Networks (SNE)
The social networks instrument has seven items collected for use in creating a social network index.

5.19. Sociocultural (SCE)
The sociocultural instrument used in HCHS/SOL contains items from domains of acculturation, familism, identity, religiosity, and perceived discrimination. A multi-

dimensional (global) measure of acculturation remains to be developed using these items.

5.20. Tobacco Use History (TBE)
The tobacco use instrument contains items on current and/or former use of tobacco products as well as exposure to secondhand tobacco smoke. The 23-items could be used to derive variables on current/former/any use of tobacco. The data elements are present for computing pack-years of exposure to cigarettes. Smoking cession items are also included in the instrument.

5.21. Weight History (WHE)
Information on weight at milestone ages in the life course of the participant is collected on the weight history form. Several variables for weight change by age attainment can be derived using this instrument.

5.22. Well Being (WBE)
The mental health assessments for self report depression (CESD-10 item scale) and 10-item anxiety (Spielberger trait anxiety scale) are contained in this questionnaire. The participant derived file has the summary score for the CESD-10 and STAI.

5.23. Anthropometry (ANT)
The direct measurements obtained at the anthropometry station are recorded on these entry screens. Because height needed correction due to known measurement errors at two field centers a corrected height variable is in the participant derived variable file. Composite items like BMI and waist-hip ratio are also in the derived file.

5.24. Ankle/Brachial Pressures (ABP)
Participants older than age 44 were eligible for the ankle/brachial pressure measurement. The entry screens for measuring the two lower leg and one upper arm pressure per side are located in this file. The ankle brachial index (ABI) is in the participant derived variable file (see Examination Procedures, Manual 2).

5.25. Biospecimen Collection (BIO)
The timing and condition at the time of collection for the complete set of baseline blood and urine specimens is recorded on this form. Reasons for exclusion from the OGTT or any other conditions that would affect specimen collection are also noted here. The derived variable for fasting time is based on the elapsed time since the participant reporting eating or drinking anything and the start of the sample collection process.

5.26. Electrocardiogram (ECG)
The processing of the baseline 12-lead ECG acquired using the GE MAC-1200 electrocardiogram machines was done by EPICARE at Wake Forest University on their GE MUSE system for file storage and management. The Minnesota and NOVA code variables as described in the Electrocardiography Assessment manual (Manual 5) are provided in the ECG data record. Also refer to the document "HCHS Central Agency Data Transfer Procedures" for the complete list of variable codes. **Note:** ECGA14, sex of participant is unreliable on this reading center record. Use Gender from the HCHS participant derived variable file instead (see PART_DERV_INV4).

5.27. Sitting Blood Pressure (SBP)
Sitting blood pressure measurements are directly recorded while the technician uses the Omron HEM-907XL sphygmomanometer. A series of three systolic and diastolic measures is automatically recorded along with the Omron determined average. See manual 2 for a detailed description of these procedures.

5.28. Pulmonary Function pre-Bronchodilator (PRB)
All participants who do not meet one of the exclusion criteria for performing spirometry were eligible for this procedure. Pulmonary function test studies were uploaded from the OSI data capture software directly to the reading center database for over-read scoring of quality and processing.

5.29. Pulmonary Function post-Bronchodilator (POB)
Participants with a history of asthma or COPD, or who have evidence of airflow obstruction were eligible for post-bronchodilator spirometry. The test was omitted for anyone that had prior adverse reaction to albuterol, or has a current prescription for a contra-indicated medication (see Manual 4).

5.30. Audiometry (AUR)
The measurement of hearing thresholds is recorded on special audiometry data entry screens directly into the HCHS/SOL data management system (DMS). The record produced by the EPISENSE reading center uses that audiometry data which is either accepted or modified by the trained reader.

5.31. Otoscopy (OTO)
The direct measurement from the otoscopy procedure is captured in these DMS entry screens. See Manual 8 on audiometry for details of this procedure.

5.32. Tympanography (TYR)
Data elements from the typanogram tracing report are entered on this DMS record by the audiometry technician. Manual 8 illustrates the procedures followed in this measurement.

5.33. EAR Over-read Summary (EAR)
The EPISENSE reading center at uses a set of scoring screens in the DMS to record the adequacy of data quality for the entire audiometry examination. Unusual findings related to audiometry and feedback from the participant are reported on this special purpose file.

5.34. Sleep Study Record (SLP)
The Sleep Reading Center at Case Western Reserve University processes the overnight sleep studies recorded on the ARES model #5 sleep monitors which have been uploaded to them from the field centers. Use of the ARES device is described in HCHS/SOL Manual of Operations 6. The reading center produces one summary record per sleep study.

5.35. Laboratory Analysis File (LAB)
The central clinical chemistries laboratory for the study at University of Minnesota Fairview Hospital Clinical Laboratory provides the HCHS/SOL study with data for this laboratory results data set. The baseline clinical chemistry assay values are included in the LAB data set. Gender and age specific reference ranges were supplied by the laboratory and appear in both the Baseline Examination manual (Manual 2) and in the Laboratory and Biospecimen Processing manual (Manual 7). See the appendix for Manual 2 for an example of clinical laboratory results and reference ranges.

5.36. NDSR File 01 – Nutrients at the ingredient level (INU)
This file, based on the 24 hour dietary recalls, contains nutrients at the individual ingredient or component level. It contains multiple records per participant, one record per participant-recall-food component; key fields are ID + RECALLNUM + COMPID.

5.37. NDSR File 02 – Nutrients at the whole food level (DIE)
This file, based on the 24 hour dietary recalls, contains nutrients at the whole food level. It contains multiple records per participant, one record per participant-recall-food; key fields are ID + RECALLNUM + FOODID.

5.38. NDSR File 03 – Nutrients at the meal level (MEO)
This file, based on the dietary 24 hour recalls, contains nutrient totals for each meal or eating occasion within each dietary recall. It contains multiple records per participant; key fields are ID + RECALLNUM + MEALID.

5.39. NDSR File 04 – Nutrients at the daily totals level (DTI)
This file, based on the dietary 24 hour recalls, contains nutrient totals at the daily level for each dietary recall. It also contains general information about each recall (e.g. day of intake, self-report intake amount, intake reliability assessed by the interviewer). It contains multiple records per participant; key fields are ID + RECALLNUM.

5.40. NDSR File 07 – Food groups at the whole food level (FSC)
This file, based on the 24 hour dietary recalls, contains nutrients at the whole food level. There is one serving count for each of the 168 NDSR food groups; see Appendix 10 of the 2011 NDSR Manual for serving counts. FSC contains multiple records per participant, one record per participant-recall-food; key fields are ID + RECALLNUM + FOODID.

5.41. NDSR File 08 – Food groups at the meal level (MSC)
This file, based on the dietary 24 hour recalls, contains serving counts for each meal or eating occasion within each dietary recall. There is one serving count for each of the 168 NDSR food groups; see Appendix 10 of the 2011 NDSR Manual for serving counts. It contains multiple records per participant; key fields are ID + RECALLNUM + MEALID

5.42. NDSR File 09 – Food groups at the daily totals level (DTS)
This file, based on the dietary 24 hour recalls, contains serving counts at the daily level for each dietary recall. There is one serving count for each of the 168 NDSR food groups; see Appendix 10 of the 2011 NDSR Manual for serving counts. It contains multiple records per participant; key fields are ID + RECALLNUM.

5.43. NDSR File 12 – Total 24 hr. supplement intake (S24)
This file, based on the DSAM 24-hour supplement intake, contains totals nutrients for supplements for each dietary recall. It contains multiple records per participant; key fields are ID + RECALLNUM.

5.44. NDSR File 13 – Averaged 30-day supplement intake (SMI)
This file, based on the DSAM 30-day supplement intake, contains nutrients totaled across supplements. It also contains general information regarding the 30-day supplement intake. It was only assessed at the clinic visit. It contains one record per participant; key field is ID.

5.45. NDSR File 14 – Product file for 24 hr. supplement intake (P24)
This file, based on the DSAM 24-hour supplement intake, contains nutrients for each supplement reported in the 24 hour recall. Only participants who reported taking supplements will be in this dataset. This file contains multiple records per participant; key fields are ID + RECALLNUM + PRDID.

5.46. NDSR File 15 – Product file for 30 day supplement intake (PMI)
This file, based on the DSAM 30-day supplement intake, contains nutrients for each supplement reported for the 30-day supplement intake. It was only assessed at the clinic visit. Only participants who reported taking supplements will be in this dataset. This file contains multiple records per participant; key fields are ID + SUPPLID.

5.47. NDSR File 16 – Product Ingredients file for 24 hr. supplement intake (I24)
This file, based on the DSAM 24 hour supplement intake, contains nutrients for each product-ingredient for supplements reported in the 24 hour recall. Only participants who reported taking supplements will be in this dataset. This file contains multiple records per participant; key fields are ID + RECALLNUM + INGID.

5.48. NDSR File 17 – Product Ingredients file for 30 day supplement intake (I30)
This file, based on the DSAM 30-day supplement intake, contains nutrients for each product-ingredient for supplements reported in the 30-day recall. It was only assessed at the clinic visit. Only participants who reported taking supplements will be in this dataset. This file contains multiple records per participant; key fields are ID + INGID.

5.49. NDSR File 18 – Blend Ingredients file for 24 hr. supplement intake (B24)
This file, based on the DSAM 24 hour supplement intake, contains nutrients for each product-blend ingredient for supplements reported in the 24 hour recall. Only participants who reported taking supplements will be in this dataset. This file contains multiple records per participant; key fields are ID + RECALLNUM + BLDID.

5.50. NDSR File 19 – Blend Ingredients file for 30 day supplement intake (B30)
This file, based on the DSAM 30-day supplement intake, contains nutrients for each product-blend ingredient for supplements reported in the 30-day recall. It was only assessed at the clinic visit. Only participants who reported taking supplements will be in this dataset. This file contains multiple records per participant; key fields are ID + BLDID.

6. DESCRIPTION OF DATA COLLECTION FORMS: ANNUAL FOLLOW-UP

The Annual Follow Up Interview is broken into sections for ease of real-time online administration. Each section of the instrument has its own dataset with distinct key field structure and version control (described below). The question numbering is not reset for each section. For example, the GHE begins with question 1 (GHEA1) and the HOE begins with question 3 from the overall AFU interview form (HOEA3). In 2015 the AFU interviews were integrated into a new data management system (CDART2). Extensive renaming of most forms occurred at that time with data values being converted into the appropriate item values in the current version of the AFU data collection instruments for AFU-4 onwards.

6.1. General Health Status (GHE)

A check on vital status and general health starts off the AFU interview sequence. The same version of the GHEA is used for AFU-1 and 2 interviews. AFU-3 onwards used the GHEB version and item level responses have been remapped to this latest version. Note that participants who were not contacted and interviewed (GHEA1=1) will have missing data for the remaining AFU battery except for hospitalizations (HOE) following the protocol based rules for administration.

6.2. Hospitalizations and Emergency Department Visits (HOE)

All first reports of visits to hospitals or emergency departments for any reason are captured here and are the basis for initiation of a request for medical records so that events can be adjudicated by committee. This form has not changed across the year of follow-up. Multiple hospitalizations per AFU year can be reported using this multi-line form. Each hospitalization will have a separate HOE entry. The unique combination of key fields for the HOE are ID + AFU_YEAR + OCCURRENCE.

6.3. Outpatient Self-reported Conditions (OPE)

This section of the AFU interview ask about five key areas of health conditions and if there are any new diagnoses from baseline visit, worsening, or changes in therapy. The areas covered are emphysema/COPD, asthma, diabetes (high blood sugar), high BP, high cholesterol.

6.4. Medications (MEE)

The use of prescribed medications in the past two weeks is captured in this brief survey instrument. Up to fifteen medication names, strength and units can be coded in this part of the AFU interview. All versions of the MEE have been mapped into the current form/version layout (see version C) question numbering scheme.

6.5. Self-reported Events (EVE)

This section began in AFU-2 and asks about new physician diagnosis of several cardiac and pulmonary diseases and their associated signs and symptoms.

6.6. Other Risk factors (OTE)

There are two questions on current smoking status and one question on current marital status in this brief section only collected at AFU-2.

6.7. Food Propensity (FPE versions A, B)
The food propensity questionnaire was adapted from NHANES (version A) to assess intake frequency of specific foods and food groups during the past 12 months. On April 2010 the FPQ was shortened by dropping 40% of individual questions to form (version B) to reduce its time of administration. Note, the FPQ is only collected at the AFU-1 interview time point.

7. SPECIAL USE DERIVED FILES

7.1. Participant Derived Variables (PART_DERV)
The participant derived variable dataset is not associated solely with any particular form because it contains variables from many forms and files. There is one record per enrolled participant (16,415 observations) at baseline PART_DERV_INV4. This file is a cross-section of "derived variables" whose values are defined based on combinations of data items (e.g. age from date of birth, or body mass index from height and weight, waist-hip ratio from girth measurements), primarily from the anthropometry, demographics, respiratory history, clinical laboratory analysis and pulmonary function records. Important study design variables like sample weight and strata identifiers are also found here. See the separate document, *"HCHS Derived Variable Dictionary"* for the definitions of the variables included in this special purpose file. Statistical analysis using HCHS/SOL data must account for the complex sampling design by specifying strata (STRAT), primary sampling unit (PSU_ID) and sample weights (WEIGHT_FINAL_NORM_OVERALL). Analysts are strongly encouraged to read the document "ANALYSIS METHODS FOR HCHS/SOL" in the HCHS/SOL Main Study to ensure that the study design is correctly specified prior to analysis.

7.2. Periodontal Derived DATA SET (PER)
The periodontal examination (PER) file has that measures captured in real time by a recorder who enters data as the dental technician examines the participant. Instead of having one observation per person the structure of this dataset is by the tooth and surface of the tooth. The measurement protocol derived from NHANES assumes that each person will have a maximum of 28 adult teeth to measure. The number of measurement surfaces varies according to tooth morphology and is described in dental in Manual 10 for Oral Health measurement procedures.

7.3. Dental Derived DATA SET (DENTAL_DERV)
The dental examination derived file has summarized measurements from the full mouth examination of the participants. Indices that measure pocket depth, attachment loss, bio-gingival films, periodontal case severity scores, tooth, caries, and filling counts on a per person basis are contained in this file. See the oral health manual for interpretation of the derived variables in this file.

7.4. Audiometry Derived DATA SET (AUDIO_DERV)
The audiometry derived variable file was produced by the reading center as a source of summary variables for quantifying hearing acuity and/or impairment using standardized reporting measures.

7.5. Physical Activity from Actical (daily counts/minute) (PA_CNTS)
PA_CNTS is a dataset with multiple records per participant (key fields are ID and DAY); one record per participant ID per worn DAY for the monitor. Thus each ID has between 1 and 6 records, depending on the number of days they wore the Actical. Day 1 is the day after the clinic visit. The file has the original counts (variables CNT1 to CNT1440) for each minute (epoch length) of a calendar day (24*60 = 1440) where CNT1 corresponds to counts starting at midnight (24:00), CNT720 corresponds to counts before noon (11:59), and CNT1440 corresponds to counts at 23:59 hours. Details are documented in *HCHS/SOL Physical Activity Data Overview, Methods and Guidelines*, and *HCHS/SOL Physical Activity Data Dictionary*.

7.6. **Actical derived variables at the participant level (PA_DERV)**
This dataset has one record per participant (key field is ID) with averaged physical activity (counts/day) for those who have at least three adherent days (≥10 hrs). Those participants who do not have at least three adherent days have missing values for the averaged values and other derived variables from their studies. These data are derived from PA_CNTS (objectively measured physical activity at the DAY level). An indicator variable (ADHERENTYN) identifies participants with at least three adherent days. Details are documented in *HCHS/SOL Physical Activity Data Overview, Methods and Guidelines*, and *HCHS/SOL Physical Activity Data Dictionary*.

7.7. Food Groups at the 24hr dietary recall level (FOOD_GROUP_DERV)
This dataset has derived variables for broad food groups (My Food Pyramid and *ad hoc* food groups) at the recall level. Serving counts for individual NDSR food codes are added to create daily serving counts for each food group. It contains up to 2 observations per participant depending on how many 24hr dietary recalls were collected, reliable according to interviewer (DTIA16) and clean at the 24hr recall level based on daily energy intake (DTIA20). Details are documented in *HCHS/SOL Dietary Data Overview, Methods and Guidelines*.

7.8. Predicted Nutrient Usual Intake (PRED_NUTR_DERV)
This dataset has derived variables for predicted usual intake for 20 nutrients (out of 158 available from the 2011 NDSR). Nutrient intake was predicted from an amount model (i.e. a one-part nonlinear mixed model) specified by the NCI method, using single component SAS macros developed at NCI. Details are documented in *HCHS/SOL Dietary Data Overview, Methods and Guidelines*.

7.9 Medication Derived (MUEA_DERV)
The medication survey interview at baseline (MUEA) provides the opportunity for the participant to report medication use for the past 4 weeks. Interviewers were unable to code about 6% of the prescribed (Rx) and over the counter (OTC) medications that were reported during the interview session. Using the same Medispan© look-up database we have systematically coded missing values and screened all entries for errors. The corrected coded Generic Product Identifier code number (GPI code) which maps to a medication therapeutic class is provided in this dataset along with the originally reported drug name, strength, and units. Note that compound drugs typically have missing values for some of these fields. See Appendix for the coding schema.

IMPORTANT ANALYSIS NOTE: In a few cases, inconsistencies or omissions in the information required to define these variables could not be corrected on the original data forms (and corresponding files in this database). For example, ECGA14 is the variable for sex of the participant recorded on the 12-lead ECG record, but due to the large number of missing values and with many inconsistencies when compared to the other sources of information about gender, the recommendation is that the analyst use the variable GENDER found on the Participant derived variable file. These idiosyncratic cases were adjudicated by the HCHS/SOL Coordinating Center and their resolutions are included in the derived variable files.

8. REFERENCES

Sorlie PD, Avilés-Santa LM, Wassertheil-Smoller S, Kaplan RC, Daviglus ML, Giachello AL, Schneiderman N, Raij L, Talavera G, Allison M, Lavange L, Chambless LE, Heiss G. *Design and implementation of the Hispanic Community Health Study/Study of Latinos.* Ann Epidemiol. 2010 Aug; 20(8):629-41. **(http://www.sciencedirect.com/science/article/pii/S1047279710000724)**

Lavange LM, Kalsbeek WD, Sorlie PD, Avilés-Santa LM, Kaplan RC, Barnhart J, Liu K, Giachello A, Lee DJ, Ryan J, Criqui MH, Elder JP. *Sample design and cohort selection in the Hispanic Community Health Study/Study of Latinos.*   Ann Epidemiol. 2010 Aug; 20(8):642-9. **http://www.sciencedirect.com/science/article/pii/S1047279710001171**

9. APPENDIX

9.1 Medication Coding Schema using Medispan© MTC CODES
The medication survey interview at baseline where drugs are reported either by generic or trade names have been coded using the following system. Codes are text fields. Use of this proprietary coding system is limited to research and teaching purposes by the HCHS/SOL Investigators and NIH. Commercial use *is not* permitted.

<u>**GROUPS 1-16 ANTI-INFECTIVE AGENTS**</u>

```
"010000" = "PENICILLINS"
"011000" = "NATURAL PENICILLINS"
"012000" = "AMINOAMPICILLINS"
"013000" = "PENICILLINASE – RESISTANT PENICILLINS"
"014000" = "EXTENDED – SPECTRUM PENICILLINS"
"015000" = "AMIDINOPENICILLIN"
"019900" = "PENICILLIN COMBINATIONS"
"019905" = "Penicillin-Aminoglycoside Combinations"
"019940" = "PENICILLIN-NSAIA COMBINATIONS"
"020000" = "CEPHALOSPORINS"
"021000" = "CEPHALOSPORINS – 1ST GENERATION"
"022000" = "CEPHALOSPORINS – 2ND GENERATION"
"023000" = "CEPHALOSPORINS – 3RD GENERATION"
"024000" = "CEPHALOSPORINS – 4TH GENERATION"
"029900" = "CEPHALOSPORIN COMBINATIONS"
"030000" = "MACROLIDE ANTIBIOTICS"
"031000" = "ERYTHROMYCINS"
"031099" = "ERYTHROMYCIN COMBINATIONS"
"032000" = "TROLEANDOMYCIN"
"034000" = "AZITHROMYCIN"
"035000" = "CLARITHROMYCIN"
"035200" = "DIRITHROMYCIN"
"035500" = "MIOCAMYCIN"
"035700" = "ROXITHROMYCIN"
"036000" = "SPIRAMYCIN"
"040000" = "TETRACYCLINES"
"049900" = "TETRACYCLINE COMBINATIONS"
"049940" = "TETRACYCLINE-NSAIA COMBINATIONS"
"050000" = "FLUROQUINOLONES"
"059900" = "FLUROQUINOLONE COMBINATIONS"
"059940" = "FLUOROQUINOLONE-MACROLIDE COMBINATIONS"
"060000" = "R E S E R V E D"
"070000" = "AMINOGLYCOSIDES"
"080000" = "SULFONAMIDES"
"089900" = "SULFA COMBINATIONS"
```

```
"090000" = "ANTIMYCOBACTERIAL AGENTS"
"099900" = "ANTI TB COMBINATIONS"
"100000" = "R E S E R V E D"
"110000" = "ANTIFUNGALS"
"114040" = "IMIDAZOLES"
"114070" = "TRIAZOLES"
"115000" = "ANTIFUNGAL - GLUCAN SYNTHESIS INHIBITORS (ECHINOCANDINS)"
"120000" = "ANTIVIRAL"
"121000" = "ANTIRETROVIRALS"
"121025" = "ANTIRETROVIRALS - FUSION INHIBITORS"
"121045" = "ANTIRETROVIRALS - PROTEASE INHIBITORS"
"121050" = "ANTIRETROVIRALS - RTI-NUCLEOSIDE ANALOGUES-PURINES"
"121060" = "ANTIRETROVIRALS - RTI-NUCLEOSIDE ANALOGUES-PYRIMIDINES"
"121080" = "ANTIRETROVIRALS - RTI-NUCLEOSIDE ANALOGUES-THYMIDINES"
"121085" = "ANTIRETROVIRALS - RTI-NUCLEOTIDE ANALOGUES"
"121090" = "ANTIRETROVIRALS - RTI-NON-NUCLEOSIDE ANALOGUES"
"121099" = "ANTIRETROVIRAL COMBINATIONS"
"122000" = "CMV AGENTS"
"123500" = "HEPATITIS AGENTS"
"123520" = "HEPATITIS B AGENTS"
"123530" = "HEPATITIS C AGENTS"
"124050" = "HERPES ANTIVIRAL AGENTS - PURINE ANALOGUES"
"124080" = "HERPES ANTIVIRAL AGENTS - THYMIDINE ANALOGUES"
"125000" = "INFLUENZA AGENTS"
"125040" = "NEURAMINIDASE INHIBITORS"
"126000" = "RESPIRATORY SYNCYTIAL VIRUS (RSV) AGENTS"
"126040" = "RSV AGENTS - NUCLEOSIDE ANALOGUES"
"127000" = "MISC. ANTIVIRALS"
"129900" = "ANTIVIRAL COMBINATIONS"
"129950" = "NUCLEOSIDE ANALOG & INTERFERON COMBINATIONS"
"130000" = "ANTIMALARIAL"
"139900" = "ANTIMALARIAL COMBINATIONS"
"140000" = "AMEBICIDES"
"149900" = "AMEBICIDE COMBINATIONS"
"150000" = "ANTHELMINTIC"
"159900" = "ANTHELMINTIC COMBINATIONS"
"160000" = "ANTI-INFECTIVE AGENTS - MISC"
"161000" = "POLYMYXINS"
"161500" = "CARBAPENEMS"
"161599" = "CARBAPENEM COMBINATIONS"
"162000" = "CHLORAMPHENICOLS"
"162100" = "KETOLIDES"
"162200" = "LINCOSAMIDES"
"162300" = "OXAZOLIDINONES"
"162500" = "STREPTOGRAMINS"
"162599" = "STREPTOGRAMIN COMBINATIONS"
"162700" = "CYCLIC LIPOPEPTIDES"
```

```
"163000" = "LEPROSTATICS"
"164000" = "ANTIPROTOZOAL AGENTS"
"164030" = "FOLATE ANTAGONISTS"
"165000" = "ANTIINFECTIVE ADJUVANTS"
"166000" = "Sepsis Syndrome Agents"
"166040" = "SEPSIS SYNDROME AGENTS - NON-ANTIBIOTIC"
"169900" = "ANTI-INFECTIVE MISC. - COMBINATIONS"
```

GROUPS 17-20 BIOLOGICALS

```
"170000" = "VACCINES"
"171000" = "VIRAL VACCINES"
"171099" = "VACCINE COMBINATIONS"
"172000" = "BACTERIAL VACCINES"
"179900" = "MIXED VACCINE COMBINATIONS"
"180000" = "TOXOIDS"
"189900" = "TOXOID COMBINATIONS"
"190000" = "PASSIVE IMMUNIZING AGENTS"
"191000" = "IMMUNE SERUMS"
"192000" = "ANTITOXINS - ANTIVENINS"
"195000" = "MONOCLONAL ANTIBODIES"
"195020" = "ANTIVIRAL MONOCLONAL ANTIBODIES"
"199900" = "PASSIVE IMMUNIZING AGENTS - COMBINATIONS"
"200000" = "BIOLOGICALS MISC"
"201000" = "ALLERGENIC EXTRACTS"
"201099" = "MIXED ALLERGENIC EXTRACTS"
```

GROUP 21 - ANTINEOPLASTIC AGENTS

```
"210000" = "ANTINEOPLASTICS"
"211000" = "ALKYLATING AGENTS"
"211010" = "NITROGEN MUSTARDS"
"211020" = "NITROSOUREAS"
"211040" = "IMIDAZOTETRAZINES"
"212000" = "ANTINEOPLASTIC ANTIBIOTICS"
"212500" = "ANTINEOPLASTIC ENZYMES"
"213000" = "ANTIMETABOLITES"
"213300" = "ANTINEOPLASTIC - ANGIOGENESIS INHIBITORS"
"213350" = "VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) INHIBITORS"
"213500" = "ANTINEOPLASTIC - ANTIBODIES"
"213530" = "ANTINEOPLASTIC - MONOCLONAL ANTIBODIES"
"213550" = "ANTINEOPLASTIC ANTIBODY-DRUG COMPLEXES"
"213580" = "ANTINEOPLASTIC -ANTIBODY FOR RADIOPHARMACEUTICAL THERAPY"
"214000" = "ANTINEOPLASTIC - HORMONAL AGENTS"
"214020" = "ANDROGENS - ANTINEOPLASTIC"
"214022" = "ANTIADRENALS"
"214024" = "ANTIANDROGENS - ANTINEOPLASTIC"
```

```
"214026" = "ANTIESTROGENS - ANTINEOPLASTIC"
"214028" = "AROMATASE INHIBITORS"
"214030" = "ESTROGENS - ANTINEOPLASTIC"
"214035" = "ESTROGEN RECEPTOR ANTAGONIST"
"214040" = "PROGESTINS - ANTINEOPLASTIC"
"214050" = "LHRH Analogs"
"214055" = "GONADOTROPIN RELEASING HORMONE (GNRH) ANTAGONISTS"
"214500" = "ANTINEOPLASTIC - IMMUNOMODULATORS"
"215000" = "MIOTIC INHIBITORS"
"215300" = "ANTINEOPLASTIC ENZYME INHIBITORS"
"215340" = "ANTINEOPLASTIC - PROTEIN-TYROSINE KINASE INHIBITORS"
"215360" = "ANTINEOPLASTIC - PROTEASOME INHIBITORS"
"215500" = "TOPOISOMERASE I INHIBITORS"
"216000" = "ANTINEOPLASTIC RADIOPHARMACEUTICALS"
"217000" = "ANTINEOPLASTICS MISC."
"217030" = "ANTINEOPLASTICS - INTERLUEKINS"
"217070" = "ANTINEOPLASTICS - PHOTOACTIVATED AGENTS"
"217080" = "RETINOIDS"
"217082" = "SELECTIVE RETINOID X RECEPTOR AGONISTS"
"217500" = "CHEMOTHERAPY RESCUE/ANTIDOTE AGENTS"
"217540" = "CARDIAC PROTECTIVE AGENTS"
"217550" = "FOLIC ACID ANTAGONISTS RESCUE AGENTS"
"217580" = "Urinary Tract Protective Agents"
"217600" = "CHEMOTHERAPY ADJUNCTS**
"217640" = "CHEMOTHERAPY ADJUNCTS - HYPERURICEMIA AGENTS"
"217650" = "CHEMOTHERAPY ADJUNCTS - KERATINOCYTE GROWTH FACTORS"
"218000" = "INVESTIGATIONAL ANTINEOPLASTIC"
"219900" = "ANTINEOPLASTIC COMBINATIONS"
"219930" = "ANTINEOPLASTIC - ANTIGENIC/IMMUNOLOGIC ADJUVANT COMB"
```

GROUPS 22-30 ENDOCRINE AND METABOLIC DRUGS

```
"220000" = "CORTICOSTEROIDS"
"221000" = "GLUCOCORTICOSTEROIDS"
"221099" = "STEROID COMBINATIONS"
"222000" = "MINERALOCORTICOIDS"
"230000" = "ANDROGENS-ANABOLIC"
"231000" = "ANDROGENS"
"231099" = "ANDROGEN COMBINATIONS"
"232000" = "ANABOLIC STEROIDS"
"232099" = "ANABOLIC STEROID COMBINATIONS"
"240000" = "ESTROGENS"
"249900" = "ESTROGEN COMBINATIONS"
"249910" = "ESTROGEN & ANDROGEN"
"249915" = "ESTROGEN & ANTIANDROGEN"
"249920" = "ESTROGEN & ANTIANXIETY AGENT"
"249930" = "ESTROGEN & PROGESTIN"
```

```
"249940" = "ESTROGEN-ANDROGEN-PROGESTIN"
"250000" = "CONTRACEPTIVES"
"251000" = "PROGESTIN CONTRACEPTIVES - ORAL"
"251500" = "PROGESTIN CONTRACEPTIVES - INJECTABLE"
"252000" = "PROGESTIN CONTRACEPTIVES - IUD"
"253000" = "PROGESTIN CONTRACEPTIVES - IMPLANTS"
"254000" = "EMERGENCY CONTRACEPTIVES"
"259600" = "COMBINATION CONTRACEPTIVES - TRANSDERMAL"
"259800" = "COMBINATION CONTRACEPTIVES - INJECTABLE"
"259900" = "COMBINATION CONTRACEPTIVES - ORAL"
"259910" = "BIPHASIC CONTRACEPTIVES - ORAL"
"259920" = "TRIPHASIC CONTRACEPTIVES - ORAL"
"259930" = "EXTENDED-CYCLE CONTRACEPTIVES - ORAL"
"260000" = "PROGESTINS"
"270000" = "ANTIDIABETICS"
"271000" = "INSULIN"
"271010" = "MIXED INSULIN"
"271020" = "BEEF INSULIN"
"271030" = "PORK INSULIN"
"271040" = "HUMAN INSULIN"
"271500" = "ANTIDIABETIC - AMYLIN ANALOGS"
"271700" =
"272000" = "SULFONYLUREAS"
"272099" = "SULFOYLUREA COMBINATIONS"
"272300" = "ANTIDIABETIC - AMINO ACID DERIVATIVES"
"272340" = "ANTIDIABETIC - D-PHENYLALANINE DERIVATIVES"
"272500" = "BIGUANIDES"
"272800" = "MEGLITINIDE ANALOGUES"
"273000" = "DIABETIC OTHER"
"273099" = "DIABETIC OTHER - COMBINATIONS"
"274000" = "ALDOSE REDUCTASE INHIBITORS"
"275000" = "ALPHA-GLUCOSIDASE INHIBITORS"
"275500" =
"276000" = "INSULIN SENSITIZING AGENTS"
"276070" = "THIAZOLIDINEDIONES"
"279900" = "ANTIDIABETIC COMBINATIONS"
"279925" =
"279970" = "SULFONYLUREA-BIGUANIDE COMBINATIONS"
"279978" =
"279990" =
"280000" = "THYROID AGENTS"
"281000" = "THYROID HORMONES"
"281099" = "THYROID COMBINATIONS"
"283000" = "ANTITHYROID AGENTS"
"290000" = "OXYTOCICS"
"292000" = "ABORTIFACIENTS/AGENTS FOR CERVICAL RIPENING"
"292010" = "ABORTIFACIENTS/CERVICAL RIPENING - PROSTAGLANDINS"
```

"292020" = "ANTI-PROGESTATIONAL AGENTS"
"299900" = "OXYTOCIC COMBINATIONS"
"299910" = "OXYTOCIC MIXTURES"
"300000" = "ENDOCRINE AND METABOLIC AGENTS – MISC."
"300200" = "ADRENAL STEROID INHIBITORS"
"300400" = "CALCIUM REGULATORS"
"300420" = "BISPHOSPHONATES"
"300430" = "CALCIUM REGULATOR"
"300440" = "PARATHYROID HORMONE AND DERIVATIVES"
"300450" = "CALCIUM REGULATORS – MISC."
"300500" = "HORMONE RECEPTOR MODULATORS"
"300530" = "SELECTIVE ESTROGEN RECEPTOR MODULATOR"
"300600" = "FERTILITY REGULATORS"
"300620" = "OVULATION STIMULANTS-GONADOTROPINS"
"360660" = "OVULATION STIMULANTS-SYNTHETIC"
"300699" = "FERTILITY REGULATOR COMBINATIONS"
"300700" = "LUTEINIZING HORMONE RELEASING-HORMONES"
"300800" = "LHRH/GNRH AGONIST ANALOG PITUITARY SUPPRESSANTS"
"300900" = "GNRH/LHRH ANTAGONISTS"
"301000" = "GROWTH HORMONE"
"301500" = "GROWTH HORMONE RELEASING HORMONES"
"301700" = "SOMATOSTATIC AGENTS"
"301800" = "GROWTH HORMONE RECEPTOR ANTAGONISTS"
"302000" = "POSTERIOR PITUITARY HORMONES"
"302010" = "VASOPRESSIN"
"303000" = "CORTICOTROPIN"
"304000" = "PROLACTIN INHIBITORS"
"304020" = "DOPAMINE RECEPTOR AGONISTS"
"305000" = "PROGESTERONE RECEPTOR ANTAGONISTS"
"305020" = "ABORTIFACIENT – PROGESTERONE RECEPTOR ANTAGONISTS"
"306000" = "MENOPAUSAL SYMPTOMS SUPPRESSANTS"
"306040" = "HORMONAL AGENTS"
"308000" = "UTERINE RELAXANTS"
"309000" = "METABOLIC MODIFIERS"
"309030" = "CARNITINE REPLENISHER – AGENTS"
"309036" = "FABRY DISEASE – AGENTS"
"309040" = "HEREDITARY TYROSINEMIA TYPE 1 (HT-1) TREATMENT – AGENTS"
"309045" = "HOMOCYSTINURIA TREATMENT – AGENTS"
"309050" = "HYPERPARATHYROID TREATMENT - VITAMIN D ANALOGS"
"309052" = "CALCIMIMETIC AGENTS"
"309065" = "MUCOPOLYSACCHARIDOSIS I (MPS I) – AGENTS"
"309080" = "UREA CYCLE DISORDER – AGENTS"
"309900" = "ENDOCRINE AND METABOLIC AGENTS MISC. – COMBINATIONS"

GROUPS 31-40 CARDIOVASCULAR AGENTS

"310000" = "CARDIOTONICS"

```
"311000" = "PHOSPHODIESTERASE INHIBITORS"
"312000" = "CARDIAC GLYCOSIDES"
"318000" = "CARDIOPROTECTANTS"
"320000" = "ANTIANGINAL AGENTS"
"321000" = "NITRATES"
"322000" = "ANTIANGINALS - OTHER"
"329900" = "ANTIANGINAL COMBINATIONS"
"329910" = "NITRATE COMBINATIONS"
"330000" = "BETA BLOCKERS"
"331000" = "BETA BLOCKERS NON-SELECTIVE"
"332000" = "BETA BLOCKERS CARDIO-SELECTIVE"
"333000" = "ALPHA-BETA BLOCKERS"
"340000" = "CALCIUM CHANNEL BLOCKERS"
"350000" = "ANTIARRHYTHMICS"
"350500" = "ANTIARRHYTHMICS TYPE I - NONSPECIFIC"
"351000" = "ANTIARRHYTHMICS TYPE 1-A"
"352000" = "ANTIARRHYTHMICS TYPE 1-B"
"353000" = "ANTIARRHYTHMICS TYPE 1-C"
"354000" = "ANTIARRHYTHMICS TPYE III"
"355000" = "MISC. ANTIARRHYTHMIC"
"360000" = "ANTIHYPERTENSIVE"
"361000" = "ACE INHIBITORS"
"361500" = "ANGIOTENSIN II RECEPTOR BLOCKERS"
"361700" =
"362000" = "ADRENOLYTIC ANTIHYPERTENSIVES"
"362010" = "ADRENOLYTICS - CENTRALLY ACTING"
"362020" = "ADRENOLYTICS - PERIPHERALLY ACTING"
"362030" = "RESERPINE"
"362500" = "SELECTIVE ALDOSTERONE RECEPTOR ANTAGONISTS"
"363000" = "AGENTS FOR PHEOCHROMOCYTOMA"
"364000" = "VASODILATORS"
"364010" = "FLUOROQUINOLONE VASODIALATORS"
"364020" = "DOPAMINE D1 RECEPTOR AGONISTS"
"365000" = "ANTIHYPERTENSIVE - MAOIS"
"366000" = "MISC. ANTIHYPERTENSIVES"
"369900" = "ANTIHYPERTENSIVE COMBINATIONS"
"369910" = "RESERPINE COMBINATIONS"
"369915" = "CALCIUM CHANNEL BLOCKER & ACE INHIBITOR COMBINATIONS"
"369918" = "ACE INHIBITOR & DIURETIC COMBINATIONS"
"369920" = "BETA BLOCKER DIURETIC COMBINATIONS"
"369925" = "BETA BLOCKER & CALCIUM CHANNEL BLOCKER COMBINATIONS"
"369930" =
"369940" = "ANGIOTENSIN II RECEPTOR BLOCKER & THIAZIDES"
"369950" = "ADRENOLYTICS-CENTRAL & THIAZIDE COMBINATIONS"
"369955" = "ADRENOLYTICS-PERIPHERAL & THIAZIDES"
"369970" = "ANTIHYPERTENSIVES-MAOIS & THIAZIDES"
"369980" = "ANTIHYPERTENSIVES-MISC & THIAZIDES
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"369990" = "VASODILATORS & THIAZIDES"
"370000" = "DIURETICS"
"371000" = "CARBONIC ANHYDRASE INHIBITORS"
"372000" = "LOOP DIURETICS"
"373000" = "MERCURIAL DIURETICS"
"374000" = "OSMOTIC DIURETICS"
"375000" = "POTASSIUM SPARING DIURETICS"
"376000" = "THIAZIDES AND THIAZIDE-LIKE DIURETICS"
"379000" = "MISC. DIURETICS"
"379900" = "COMBINATION DIURETICS"
"379910" = "DIURETICS & POTASSIUM"
"379920" = "NON-PRESCRIPTION DIURETICS"
"389099" = "ANAPHYLAXIS THERAPY AGENTS COMBINATIONS"
"390000" = "ANTIHYPERLIPIDEMICS"
"391000" = "BILE SEQUESTRANTS"
"392000" = "FIBRIC ACID DERIVATIVES"
"393000" = "INTESTINAL CHOLESTEROL ABSORPTION INHIBITORS"
"394000" = "HMG-COA REDUCTASE INHIBITORS (STATINS)"
"394099" = "HMG COA REDUCTASE INHIBITOR COMBINATIONS"
"394500" = "NICOTINIC ACID DERIVATIVES"
"395000" = "ANTIHYPERLIPIDEMICS - MISC."
"399900" = "ANTIHYPERLIPIDEMICS - COMBINATIONS"
"399920" = "FIBRIC ACID DERIVATIVE COMBINATIONS"
"399940" = "INTEST CHOLEST ABSORP INHIB-HMG COA REDUCTASE INHIB COMB"
"400000" = "CARDIOVASCULAR AGENTS - MISC."
"401000" = "PERIPHERAL VASODILATORS"
"401099" = "VASODILATOR COMBINATIONS"
"401500" = "MICROVASODILATORS"
"401600" = "PULMONARY HYPERTENSION - ENDOTHELIN RECEPTOR ANTAGONISTS"
"401700" = "PROSTAGLANDIN VASODILATORS"
"401800" = "VASOACTIVE NATRIURETIC PEPTIDES"
"402000" = "CARDIOPLEGIC SOLUTIONS"
"402500" = "VASOCONSTRICTOR INHIBITORS"
"403000" = "IMPOTENCE AGENTS"
"403030" = "PROSTAGLANDIN - IMPOTENCE AGENTS"
"403040" = "SELECTIVE CGMP PHOSPHODIESTERASE TYPE 5 INHIBITORS"
"403080" = "YOHIMBINE"
"406000" = "VASOPROTECTANTS'
"406099" = "VASOPROTECTANT COMBINATIONS"
"409900" = "CARDIOVASCULAR AGENTS MISC. - COMBINATIONS"
"409925" = "CALCIUM CHANNEL BLOCKER & HMG COA REDUCTASE INHIBIT COMB"

GROUPS 41-45 RESPIRATORY AGENTS

"410000" = "ANTIHISTAMINES"
"411000" = "ANTIHISTAMINES - ALKYLAMINES"
"412000" = "ANTIHISTAMINES - ETHANOLAMINES"

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"413000" = "ANTIHISTAMINES - ETHYLENEDIAMINES"
"414000" = "ANTIHISTAMINES - PHENOTHIAZINES"
"415000" = "ANTIHISTAMINES - PIPERIDINES"
"415500" = "ANTIHISTAMINES - NON-SEDATING"
"416000" = "ANTIHISTAMINES - MISC."
"419900" = "ANTIHISTAMINE COMBINATIONS"
"419910" = "ANTIHISTAMINE MIXTURES"
"419920" = "ANTIHISTAMINE W/ ANTICHOLINERGICS"
"419930" = "ANTIHISTAMINES W/ ANTIANXIETY AGENTS"
"420000" = "NASAL AGENTS - SYSTEMIC AND TOPICAL"
"421000" = "SYMPATHOMIMETIC DECONGESTANTS"
"421010" = "SYSTEMIC DECONGESTANTS"
"421020" = "TOPICAL DECONGESTANTS"
"421030" = "NASAL DECONGESTANT INHALERS"
"422000" = "NASAL STEROIDS"
"422500" = "NASAL ANTI-INFECTTIVES"
"422510" = "NASAL ANTIBIOTICS"
"423000" = "NASAL ANTICHOLINERGICS"
"424000" = "NASAL ANTIALLERGY"
"424010" = "NASAL ANTIHISTAMINES"
"424050" = "NASAL MAST CELL STABILIZERS"
"424500" = "NASAL MUCOLYTICS"
"425000" = "NASAL AGENTS - MISC"
"425099" = "NASAL AGENTS MISC. - COMBINATIONS"
"429900" = "NASAL COMBINATIONS"
"429910" = "DECONGESTANT-ANTIHISTAMINE"
"429920" = "DECONGESTANT COMBINATION OTHER"
"429950" = "DECONGESTANT-NASAL STEROID"
"429960" = "MAST CELL STABILIZER-ANTIHISTAMINE"
"429965" = "MAST CELL STABILIZER-DECONGESTANT-ANALGESIC"
"430000" = "COUGH/COLD/ALLERGY"
"431000" = "ANTITUSSIVES"
"431010" = "ANTITUSSIVE - NARCOTIC"
"431020" = "ANTITUSSIVE - NONNARCOTIC"
"432000" = "EXPECTORANTS"
"432020" = "IODINE EXPECTORANTS"
"432099" = "EXPECTORANT MIXTURES"
"433000" = "MUCOLYTICS"
"434000" = "MISC. RESPIRATORY INHALENTS"
"434010" = "AROMATIC INHALANTS"
"439900" = "COUGH/COLD/ALLERGY COMBINATIONS"
"439910" = "DECONGESTANT - ANALGESIC"
"439915" = "DECONGESTANT - ANALGESIC - ANTICHOLINERGIC"
"439920" = "ANTIHISTAMINE - ANALGESIC"
"439925" = "ANTIHISTAMINE - ANALGESIC - ANTICHOLINERGIC"
"439928" = "DECONGESTANT & ANTICHOLINERGIC"
"439930" = "DECONGESTANT & ANTIHISTAMINE"
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"439935" = "DECONGEST – ANTIHISTAMINE – ANTICHOLINERGIC"
"439940" = "DECONGESTANT – ANTIHISTAMINE – ANALGESIC"
"439945" = "DECONGEST – ANTIHIST – ANALGESIC – ANTICHOLIN"
"439950" = "ANTITUSSIVE COMBOS – NARCOTIC"
"439951" = "NARCOTIC ANTITUSSIVE – DECONGESTANT"
"439952" = "NARCOTIC ANTITUSSIVE – ANTIHISTAMINE"
"439953" = "NARCOTIC ANTITUSSIVE – DECONGEST-ANTIHIST"
"439954" = "NARC ANTITUSS – DECONGEST – ANTIHISTA – ANALG"
"439955" = "NON-NARC ANTITUSSIVE-ANALGESIC"
"439956" = "NON-NARC ANTITUSSIVE – DECONGESTANT"
"439957" = "NON-NARC ANTITUSSIVE – ANTIHISTAMINE"
"439958" = "NON-NARC ANTITUSS – DECONGEST – ANTIHIST"
"439959" = "NON-NARC ANTITUSS – DECONG – ANTIHISTA – ANALG"
"439960" = "EXPECTORANT COMBINATIONS"
"439962" = "DECONGESTANT W/EXPECTORANT"
"439964" = "ANTIHISTAMINE W/EXPECTORANT"
"439965" = "ANTIHISTAMINE-EXPECTORANT-ANALGESIC"
"439966" = "DECONGESTANT – ANTIHISTAMINE W/EXPECTORANT"
"439967" = "DECONGESTANT-ANALGESIC-EXPECTORANT"
"439968" = "DECONGEST – ANTIHIST – ANALGESIC W/EXPECT"
"439969" = "ANTITUSSIVE-DECONGESTANT-ANALGESIC"
"439970" = "ANTITUSSIVE – EXPECTORANT"
"439973" = "ANTITUSSIVE – EXPECTORANT – DECONGESTANT"
"439975" = "ANTITUSSIVE – EXPECTORANT – ANTIHISTAMINE"
"439978" = "ANTITUSSIVE – EXPECTORANT – ANALGESIC"
"439980" = "ANTITUSSIVE – EXPECTOR – DECONGEST – ANTIHIST"
"439983" = "ANTITUSSIVE – EXPECTOR – DECONGEST – ANALGESIC"
"439985" = "ANTITUSSIVE – EXPECTOR – ANTIHISTA – ANALGESIC"
"439988" = "ANTITUSS – EXPECTOR – DECONG – ANTIHISTA – ANALG"
"439989" = "ANTITUSSIVE-ANTIHISTAMINE-ANALGESIC"
"439990" = "MISC. RESPIRATORY COMBINATIONS"
"440000" = "ANTIASTHMATICS AND BRONCHODILATOR AGENTS"
"441000" = "BRONCHODILATORS – ANTICHOLINERGICS"
"441500" = "ANTI-INFLAMMATORY AGENTS"
"442000" = "SYMPATHOMIMETICS"
"442010" = "BETA ADRENERGICS"
"442020" = "MIXED ADRENERGICS"
"442099" = "ADRENERGIC COMBINATIONS"
"443000" = "XANTHINES"
"444000" = "STEROID INHALANTS"
"445000" = "LEUKOTRIENE MODULATORS"
"445040" = "5-LIPOXYGENASE INHIBITORS"
"445050" = "LEUKOTRIENE RECEPTOR ANTAGONISTS"
"446000" = "ANTIASTHMATIC – MONOCLONAL ANTIBODIES"
"446030" = "ANTI-IGE MONOCLONAL ANTIBODIES"
"449900" = "ASTHMA AND BRONCHODILATOR AGENT COMBINATIONS"
"449905" = "XANTHINE MIXTURES"
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"449910" = "XANTHINE - EXPECTORANTS"
"449920" = "XANTHINE - SYMPATHOMIMETICS"
"449922" = "XANTHINE – SYMPATHOMIMETIC - EXPECTORANT"
"449925" = "XANTHINE - BARBITURATES"
"449927" = "SYMPATHOMIMETIC - BARBITURATE"
"449928" = "XANTHINE-ANTIHISTAMINE-EXPECTORANT"
"449930" = "XANTHINE – SYMPATHOMIMETIC - BARBITURATE"
"449932" = "XANTHINE – SYMPATHO – BARBIT - EXPECTOR"
"449936" = "SYMPATHOMIMETIC-ANTICHOLINERGIC"
"449938" = "SYMPATHOMIMETIC-ANTITUSSIVE"
"449940" = "SYMPATHOMIMETIC - EXPECTORANTS"
"449945" = "SYMPATHOMIMETIC-EXPECTORANT-ANTIHISTAMINE"
"449947" = "SYMPATHOMIMETIC-STEROID W/ ANTI-INFECTIVE"
"449948" = "SYMPATHOMIMETIC W/ ANTI-INFECTIVES"
"449950" = "XANTHINE - ANTITUSSIVE"
"449952" = "XANTHINE-ANTITUSSIVE-ANTIHISTAMINE"
"449955" = "XANTHINE-ANTITUSSIVE-EXPECTORANT"
"449980" = "STEROID-ANTIHISTAMINES"
"449982" = "STEROID-ANTIHISTAMINE-EXPECTORANTS"
"449984" = "STEROID-SYMPATHOMIMETIC-ANTIHISTAMINE-&/OR EXPECTORANT"
"449985" = "XANTHINE-ANTIHISTAMINES"
"449988" = "Xanthine-Steroids"
"449990" = "Xanthine-Sympathomimetic-Antihistamine-&/or Expectorant"
"449993" = "Xanthine-Sympathomimetic-Antitussive-Expectorant"
"449995" = "Xanthine-Sympath-Antihistamine-Antitussive-Expectorant"
"450000" = "RESPIRATORY AGENTS - MISC"
"451000" = "ALPHA - PROTEINASE INHIBITOR (HUMAN)"
"453000" = "CYSTIC FIBROSIS AGENTS"
"453040" = "HYDROLYTIC ENZYMES"
"454000" = "HYPOXIC RESPIRATORY FAILURE AGENTS"
"455000" = "PLEURAL SCLEROSING AGENTS"
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GROUPS 46-52 GASTROINTESTINAL AGENTS

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"460000" = "LAXATIVES"
"461000" = "SALINE LAXATIVES"
"461099" = "SALINE LAXATIVE MIXTURES"
"462000" = "STIMULANT LAXATIVES"
"463000" = "BULK LAXATIVES"
"464000" = "LUBRICANT LAXATIVES"
"465000" = "SURFACTANT LAXATIVES"
"466000" = "MISC. LAXATIVES"
"469900" = "LAXATIVE COMBINATIONS"
"469910" = "LAXATIVES & DSS"
"469920" = "BOWEL EVACUATION COMBINATIONS"
"470000" = "ANTIDIARRHEALS"
"471000" = "ANTIPERISTALTIC AGENTS"
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"472000" = "GI ADSORBANTS"
"473000" = "MISC. ANTIDIARRHEAL AGENTS"
"479900" = "ANTIDIARRHEAL COMBINATIONS"
"479910" = "DIARRHEA COMBINATIONS-OPIATE"
"479920" = "DIARRHEA COMBINATIONS-ANTICHOLINERGIC"
"480000" = "ANTACIDS"
"481000" = "ANTACIDS - ALUMINUM SALTS"
"482000" = "ANTACIDS - BICARBONATE"
"482099" = "ANTACIDS - BICARBONATE COMBINATIONS"
"483000" = "ANTACIDS - CALCIUM SALTS"
"484000" = "ANTACIDS - MAGNESIUM SALTS"
"485000" = "ANTACIDS - SODIUM CITRATE"
"489900" = "ANTACID COMBINATIONS"
"489905" = "ANTACID & DIMETHICONE"
"489910" = "ANTACID & SIMETHICONE"
"490000" = "ULCER DRUGS"
"491000" = "ANTISPASMODICS"
"491010" = "BELLADONNA ALKALOIDS"
"491020" = "QUATERNARY ANTICHOLINERGICS"
"491030" = "ANTISPASMODICS"
"491040" = "ANTICHOLINERGICS"
"491099" = "ANTICHOLINERGIC COMBINATIONS"
"492000" = "H-2 ANTAGONISTS"
"492500" = "ULCER DRUGS - PROSTAGLANDINS"
"492700" = "PROTON PUMP INHIBITORS"
"493000" = "MISC. ANTI-ULCER"
"499900" = "ULCER THERAPY COMBINATIONS"
"499920" = "ULCER ANTI-INFECTIVE W/ BISMUTH COMBINATIONS"
"499930" = "ULCER ANTI-INFECTIVE W/ PROTON PUMP INHIBITORS"
"499935" = "H-2 ANTAGONIST-ANTACID COMBINATIONS"
"499940" = "H-2 ANTAGONIST-ANTIEMETIC COMBINATIONS"
"499950" = "H-2 ANTAGONIST-ANTISPASMODIC COMBINATIONS"
"500000" = "ANTIEMETICS"
"501000" = "ANTIEMETICS - ANTIDOPAMINERGIC"
"502000" = "ANTIEMETICS - ANTICHOLINERGIC"
"502500" = "ANTIEMETICS - 5HT3 ANTAGONISTS"
"502800" = "SUBSTANCE P/NEUROKININ 1 (NK1) RECEPTOR ANTAGONISTS"
"503000" = "ANTIEMETICS MISC."
"503099" = "ANTIEMETICS COMBINATIONS"
"510000" = "DIGESTIVE AIDS"
"511000" = "CHOLERETICS"
"511099" = "BILE COMBINATIONS"
"512000" = "DIGESTIVE ENZYMES"
"512098" = "DIGESTIVE ENZYMES W/ ANTICHOLINERGICS"
"512099" = "DIGESTIVE ENZYME COMBINATIONS"
"513000" = "GASTRIC ACIDIFIERS"
"513099" = "GASTRIC ACIDIFIERS-COMBINATIONS"
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"514000" = "HYDROCHOLERETICS"
"519900" = "DIGESTIVE AIDS - MIXTURES"
"519910" = "DIGESTIVE MIXTURES W/ SIMETHICONE"
"519920" = "DIGESTIVE MIXTURES W/ ANTICHOLINERGICS"
"520000" = "GASTROINTESTINAL AGENTS - MISC."
"521000" = "GALLSTONE SOLUBILIZING AGENTS"
"521099" = "GALLSTONE SOLUBILIZING AGENTS-COMBINATIONS"
"521600" = "GASTROINTESTINAL ANTIALLERGY AGENTS"
"522000" = "ANTIFLATULENTS"
"522099" = "ANTIFLATULENTS COMBINATIONS"
"523000" = "GI STIMULANTS"
"523099" = "GI STIMULANTS COMBINATIONS"
"524000" = "INTESTINAL ACIDIFIERS"
"525000" = "INFLAMMATORY BOWEL AGENTS"
"525050" = "TUMOR NECROSIS FACTOR ALPHA BLOCKERS"
"525500" = "IRRITABLE BOWEL SYNDROME (IBS) AGENTS"
"525540" = "IBS AGENT - SELECTIVE 5-HT3 RECEPTOR ANTAGONISTS"
"525550" = "IBS AGENT - 5-HT4 RECEPTOR PARTIAL AGONISTS"
"526000" = "HEPATOTROPIC"
"526099" = "HEPATOTROPIC COMBINATIONS"
"528000" = "PHOSPHATE BINDER AGENTS"
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GROUPS 53-56 GENITOURINARY PRODUCTS

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"530000" = "URINARY ANTIINFECTIVES"
"539900" = "COMBINATION URINARY ANTIINFECTIVES"
"539905" = "METHENAMINE COMBINATIONS"
"539910" = "URINARY ANTIINFECTIVE & ANALGESIC"
"539920" = "URINARY ANTISEPTIC-ANTISPASMODIC &/OR ANALGESICS"
"540000" = "URINARY ANTISPASMODICS"
"549900" = "URINARY ANTISPASMODIC COMBINATIONS"
"550000" = "VAGINAL PRODUCTS"
"551000" = "VAGINAL ANTIINFECTIVES"
"551010" = "MISC. VAGINAL ANTIINFECTIVES"
"551040" = "IMIDAZOLE-RELATED ANTIFUNGALS"
"551099" = "VAGINAL ANTIINFECTIVE COMBINATIONS"
"551500" = "VAGINAL ANTIINFLAMMATORY AGENTS"
"551510" = "VAGINAL CORTICOSTEROIDS"
"551540" = "VAGINAL NSAIAS"
"552000" = "DOUCHE PRODUCTS"
"553000" = "SPERMICIDES"
"553500" = "VAGINAL ESTROGENS"
"553599" = 'VAGINAL ESTROGENS - COMBINATIONS"
"553700" = 'VAGINAL PROGESTINS"
"554000" = "MISC. VAGINAL PRODUCTS"
"554110" = "FERTILITY ENHANCERS"
"554099" = "MISCELLANEOUS VAGINAL COMBINATIONS"
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"560000" = "MISC. GENITOURINARY PRODUCTS"
"561000" = "ACIDIFIERS"
"561010" = "PHOSPHATES"
"561020" = "SYSTEMIC ACIDIFIERS"
"562000" = "ALKALINIZERS"
"562020" = "CITRATES"
"563000" = "URINARY ANALGESICS"
"564000" = "CYSTINOSIS AGENTS"
"565000" = "INTERSTITIAL CYSTITIS AGENTS"
"566000" = "URINARY STONE AGENTS"
"567000" = "GU IRRIGANTS"
"567010" = "ANTIINFECTIVE GU IRRIGANTS"
"568500" = "PROSTATIC HYPERTROPHY AGENTS"
"568510" = "5-ALPHA REDUCTASE INHIBITORS"
"568520" = "5-ALPHA REDUCTASE INHIBITORS"
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GROUPS 57-60 CENTRAL NERVOUS SYSTEM DRUGS

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"570000" = "ANTIANXIETY AGENTS"
"571000" = "BENZODIAZEPINES"
"572000" = "MISC. ANTIANXIETY AGENTS"
"580000" = "ANTIDEPRESSANTS"
"580300" = "ALPHA-2 RECEPTOR ANTAGONISTS (TETRACYCLICS)"
"581000" = "MAO INHIBITORS"
"581200" = "MODIFIED CYCLICS"
"581600" = "SELECTIVE SEROTONIN REUPTAKE INHIBITORS"
"581800" = "SEROTONIN-NOREPINEPHRINE REUPTAKE INHIBITORS (SNRIS)"
"582000" = "TRICYCLIC AGENTS"
"583000" = "MISC. ANTIDEPRESSANTS"
"590000" = "ANTIPSYCHOTICS"
"590500" = "BENZAMIDES"
"590700" = "BENZISOXAZOLES"
"591000" = "BUTYROPHENONES"
"591500" = "DIBENZAPINES"
"591520" = "DIBENZODIAZEPINES"
"591530" = "DIBENZOTHIAZEPINES"
"591540" = "DIBENZOXAZEPINES"
"591570" = "THIENBENZODIAZEPINES"
"591600" = "DIHYDROINDOLONES"
"591800" = "DIPHENYLBUTYLPIPERIDINES"
"592000" = "PHENOTHIAZINES"
"592500" = "QUINOLINONE DERIVATIVES"
"593000" = "THIOXANTHINES"
"594000" = "MISC. ANTIPSYCHOTICS"
"595000" = "LITHIUM"
"600000" = "HYPNOTICS"
"601000" = "BARBITURATE HYPNOTICS"
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"602000" = "NON-BARBITURATE HYPNOTICS"
"602010" = "BENZODIAZEPINE HYPNOTICS"
"602040" = "NON-BENZODIAZEPINE - GABA-RECEPTOR MODULATORS"
"602060" = "SELECTIVE ALPHA2-ADRENORECEPTOR AGONIST SEDATIVES"
"603000" = "ANTIHISTAMINE HYPNOTICS"
"603099" = "ANTIHISTAMINE HYPNOTIC COMBINATIONS"
"609900" = "HYPNOTIC COMBINATIONS"

GROUPS 61 STIMULANTS/ANTIOBESITY/ANOREXIANTS

"610000" = "ADHD/ANTI-NARCOLEPSY/ANTI-OBESITY/ANOREXIANTS"
"611000" = "AMPHETAMINES"
"611099" = "AMPHETAMINE MIXTURES"
"612000" = "ANOREXIANTS NON-AMPHETAMINE"
"612099" = "ANOREXIANT COMBINATIONS"
"612500" = "ANTIOBESITY AGENTS"
"612530" = "FAT ABSORPTION DECREASING AGENTS"
"612540" = "MONOAMINE REUPTAKE INHIBITORS"
"612560" = "SEROTONIN REUPTAKE INHIBITORS"
"61300" = "ANALEPTICS"
"613099" = "ANALEPTIC COMBINATIONS"
"613500" = "ATTENTION-DEFICIT/HYPERACTIVITY DISORDER (ADHD) AGENTS"
"613540" = "ADHD AGENT - SELECTIVE NOREPINEPHRINE REUPTAKE INHIBITOR"
"614000" = "STIMULANTS - MISC."

GROUPS 62-63 MISC. PSYCHOTHERAPEUTIC AND NEUROLOGICAL AGENTS

"620000" = "MISC. PSYCHOTHERAPEUTIC AND NEUROLOGICAL AGENTS"
"620500" = "ANTIDEMENTIA AGENTS"
"620510" = "CHOLINOMIMETICS - ACHE INHIBITORS"
"620535" = "N-METHYL-D-ASPARTATE (NMDA) RECEPTOR ANTAGONISTS"
"620540" = "NOOTROPICS"
"621000" = "SMOKING DETERRENTS"
"621099" = "SMOKING DETERRENT COMBINATIONS"
"623800" = "MOVEMENT DISORDER DRUG THERAPY"
"624000" = "MULTIPLE SCLEROSIS AGENTS"
"624030" = "MULTIPLE SCLEROSIS AGENTS - INTERFERONS"
"624050" = "MULTIPLE SCLEROSIS AGENTS - MONOCLONAL ANTIBODIES"
"624500" = "ANTI-CATAPLECTIC AGENTS"
"628000" = "AGENTS FOR CHEMICAL DEPENDENCY"
"628050" = "AGENTS FOR NARCOTIC WITHDRAWAL"
"629900" = "COMBINATION PSYCHOTHERAPEUTICS"
"629920" = "BENZODIAZEPINES & TRICYCLIC AGENTS"
"629940" = "PHENOTHIAZINES & TRICYCLIC AGENTS"
"629950" = "THIENBENZODIAZEPINES & SSRIS"

<u>GROUPS 64-71 ANALGESICS AND ANESTHETICS</u>

"640000" = "ANALGESICS - NONNARCOTIC"
"641000" = "SALICYLATES"
"641099" = "SALICYLATE COMBINATIONS"
"641500" = "ANALGESICS-PEDTIDE CHANNEL BLOCKERS"
"641540" = "SELECTIVE N-TYPE NEURONAL CALCIUM CHANNEL BLOCKERS"
"642000" = "ANALGESICS OTHER"
"642099" = "ANALGESICS - OTHER COMBINATIONS"
"649900" = "ANALGESIC COMBINATIONS"
"649910" = "ANALGESIC-SEDATIVES"
"649920" = "ANALGESIC-ANTICHOLINERGICS"
"650000" = "ANALGESICS - NARCOTIC"
"651000" = "NARCOTIC AGONISTS"
"652000" = "NARCOTIC PARTIAL AGONISTS"
"659900" = "NARCOTIC COMBINATIONS"
"659910" = "CODEINE COMBINATIONS"
"659913" = "DIHYDROCODEINONE COMBINATIONS"
"659915" = "FENTANYL COMBINATIONS"
"659917" = "HYDROCODONE COMBINATIONS"
"659920" = "PROPOXYPHENE COMBINATIONS"
"659930" = "MEPERIDINE COMBINATIONS"
"659940" = "PENTAZOCINE COMBINATIONS"
"659950" = "TRAMADOL COMBINATIONS"
"660000" = "ANALGESICS - ANTI-INFLAMMATORY"
"661000" = "NONSTEROIDAL ANTI-INFLAMMATORY AGENTS (NSAIDS)"
"661005" = "CYCLOOXYGENASE 2 (COX-2) INHIBITORS"
"661010" = "PHENYLBUTAZONES"
"661099" = "NONSTEROIDAL ANTI-INFLAMMATORY AGENT COMBINATIONS"
"662000" = "GOLD COMPOUNDS"
"662500" = "ANTI-RHEUMATIC ANTIMETABOLITE"
"662600" = "INTERLEUKIN-1 RECEPTOR ANTAGONIST (IL-1RA)"
"662700" = "ANTI-TNF-ALPHA - MONOCLONOAL ANTIBODIES"
"662800" = "PYRIMIDINE SYNTHESIS INHIBITORS"
"662900" = "SOLUBLE TUMOR NECROSIS FACTOR RECEPTOR AGENTS"
"663000" = "MISC. ANTI-RHEUMATIC"
"663099" = "MISC. ANTI-RHEUMATIC COMBINATIONS"
"670000" = "MIGRAINE PRODUCTS"
"673000" = "CARBOXYLIC ACID DERIVATIVES"
"674000" = "SEROTONIN AGONISTS"
"674060" = "SELECTIVE SEROTONIN AGONISTS 5-HT(1)"
"679900" = "MIGRAINE COMBINATION"
"679910" = "ERGOT COMBINATIONS"
"680000" = "GOUT AGENTS"
"681000" = "URICOSURICS"
"689900" = "COMBINATION GOUT DRUGS"
"690000" = "LOCAL ANESTHETICS - PARENTERAL"

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"691000" = "LOCAL ANESTHETICS – AMIDES"
"692000" = "LOCAL ANESTHETICS – ESTERS"
"699900" = "LOCAL ANESTHETIC COMBINATIONS"
"699910" = "LOCAL ANESTHETIC & SYMPATHOMIMETIC"
"700000" = "GENERAL ANESTHETICS"
"700500" = "ANESTHETIC GASSES"
"701000" = "BARBITURATE ANESTHETICS"
"702000" = "VOLATLE ANESTHETICS"
"704000" = "MISC. ANESTHETICS"
"704099" = "ANESTHETIC COMBINATIONS"
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GROUPS 72-76 NEUROMUSCULAR DRUGS

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"720000" = "ANTICONVULSANT"
"721000" = "ANTICONVULSANTS – BENZODIAZEPINES"
"721200" = "CARBAMATES"
"721700" = "GABA MODULATORS"
"722000" = "HYDANTOINS"
"723000" = "OXAZOLIDINEDIONES"
"724000" = "SUCCINIMIDES"
"725000" = "VALPROIC ACID"
"726000" = "MISC. ANTICONVULSANTS"
"726099" = "ANTICONVULSANT COMBINATIONS"
"730000" = "ANTIPARKINSONIAN AGENTS"
"731000" = "ANTIPARKINSONIAN ANTICHOLINERGICS"
"731500" = "ANTIPARKINSON COMT INHIBITORS"
"731520" = "CENTRAL/PERIPHERAL COMT INHIBITORS"
"731530" = "PERIPHERAL COMT INHIBITORS"
"732000" = "ANTIPARKINSONIAN DOPAMINERGIC"
"732030" = "D2 CLASS DOPAMINE RECEPTOR AGONISTS"
"732099" = "LEVODOPA COMBINATIONS"
"733000" = "ANTIPARKINSONIAN MONOAMINE OXIDASE INHIBITOR"
"734000" = "ANTIPARKINSON ADJUVANTS"
"734030" = "DECARBOXYLASE INHIBITORS"
"740000" = "NEUROMUSCULAR BLOCKERS"
"741000" = "DEPLOARIZING MUSCLE RELAXANTS"
"742000" = "NONDEPLOARIZING MUSCLE RELAXANTS"
"744000" = "NEUROMUSCULAR BLOCKING AGENT – NEUROTOXINS"
"745000" = "ALS AGENTS"
"745030" = "BENZATHIAZOLES"
"750000" = "MUSCULOSKELETAL MUSCLE RELAXANTS"
"751000" = "CENTRAL MUSCLE RELAXANTS"
"752000" = "DIRECT MUSCLE RELAXANTS"
"753000" = "MISC. MUSCLE RELAXANTS"
"758000" = "VISCOSUPPLEMENTS"
"758400" = "ARTICULAR CARTILAGE REPAIR THERAPY"
"759900" = "MUSCLE RELAXANT COMBINATIONS"
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"759930" = "MUSCLE RELAXANT-STEROID COMBINATIONS"
"760000" = "ANTIMYASTHENIC AGENTS"
"769900" = "ANTIMYASTHENIC COMBINATIONS"
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GROUPS 77-81 NUTRITIONAL PRODUCTS

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"770000" = "VITAMINS"
"771000" = "WATER SOLUBLE VITAMINS"
"771010" = "VITAMIN B-1"
"771020" = "VITAMIN B-2"
"771030" = "VITAMIN B-3"
"771040" = "VITAMIN B-5"
"771050" = "VITAMIN B-6"
"771060" = "BIOTIN"
"771070" = "PABA"
"771080" = "VITAMIN C"
"772000" = "OIL SOLUBLE VITAMINS"
"772010" = "VITAMIN A"
"772020" = "VITAMIN D"
"772030" = "VITAMIN E"
"772040" = "VITAMIN K"
"773000" = "MISC. NUTRITIONAL FACTORS"
"773030" = "BIOFLAVINOIDS"
"773099" = "BIOFLAVONOID COMBINATIONS"
"780000" = "MULTIVITAMINS"
"781000" = "VITAMIN MIXTURES"
"781010" = "VITAMINS A & D"
"781015" = "VITAMINS A & D W/ C"
"781017" = "VITAMINS A, C, D & E"
"781020" = "VITAMINS ACE & ZN"
"781030" = "VITAMINS B 1-2-3"
"781040" = "VITAMINS C & E"
"781044" = "NIACIN W/ INOSITOL"
"781045" = "NIACIN W/ C"
"781046" = "NIACINAMIDE W/ C"
"781047" = "NIACINAMIDE W/ E"
"781048" = "NIACINAMIDE W/ ZINC & FOLIC ACID"
"781049" = "NIACINAMIDE W/ ZINC-COPPER & FOLIC ACID"
"781050" = "VITAMINS B1 & B6"
"781060" = "VITAMINS B1, B6 & B12"
"781100" = "B-COMPLEX VITAMINS"
"781110" = "BREWERS YEAST"
"781200" = "B-COMPLEX W/ C"
"781205" = "B-COMPLEX W/ C & MG"
"781210" = "B-COMPLEX W/ C + MG ZN"
"781220" = "B-COMPLEX W/ C & E"
"781225" = "B-COMPLEX W/ C & E + ZN"
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"781230" = "B-COMPLEX W/ C & CALCIUM"
"781300" = "B-COMPLEX W/ FOLIC ACID"
"781320" = "B-COMPLEX W/BIOTIN & FOLIC ACID"
"781330" = "B-COMPLEX W/ C FOLIC ACID"
"781334" = "B-COMPLEX W/ E & FOLIC ACID"
"781340" = "B-COMPLEX W/ IRON & FOLIC ACID"
"781350" = "B-COMPLEX W/ C-MIN-FE & FOLIC ACID"
"781355" = "B-COMPLEX W/ C-BIOTIN-FE & FOLIC ACID"
"781360" = "B-COMPLEX W/ C-ZN & FOLIC ACID"
"781365" = "B-COMPLEX W/ LYSINE-ZN & FOLIC ACID"
"781367" = "B-COMPLEX W/ LYSINE-MIN-FE & FOLIC ACID"
"781370" = "B-COMPLEX W/ C-BIOTIN-E-MINERALS & FOLIC ACID"
"781375" = "B-COMPLEX W/ C-BIOTIN-MINERALS & FOLIC ACID"
"781400" = "B-COMPLEX W/ IRON"
"781500" = "B-COMPLEX W/ MINERALS"
"781600" = "BIOFLAVONOID PRODUCTS"
"781700" = "BIOTIN W/ VITAMIN C"
"782000" = "MULTIVITAMINS"
"782010" = "HEXAVITAMINS"
"782020" = "MULTIPLE VITAMIN & APPETITE STIMULANT"
"782100" = "MULTIPLE VITAMINS W/ IRON"
"783100" = "MULTIPLE VITAMINS W/ MINERALS"
"783400" = "MULTIPLE VITAMINS W/ FLUORIDE"
"783500" = "MULTIPLE VITAMINS W/ CALCIUM"
"783600" = "MULTIPLE VITAMINS W/ MINERALS & CALCIUM-FOLIC ACID"
"784000" = "PEDIATRIC VITAMINS"
"784015" = "PEDIATRIC VITAMINS A & D W/ C"
"784100" = "PEDIATRIC MULTIPLE VITAMINS"
"784200" = "PED MULTIPLE VITAMINS W/ MINERALS"
"784300" = "PED MV W/ IRON"
"784400" = "PED MV W/ FLUORIDE"
"784405" = "PED VITAMINS ACD W/FLOURIDE"
"784410" = "PED MV W/FLUORIDE"
"784500" = "PED MULTIPLE VITAMINS W/FL & FE"
"784520" = "PED VITAMINS ACD FLUORIDE & IRON"
"785000" = "SPECIALTY VITAMINS PROCDUCTS"
"785100" = "PRENATAL VITAMINS"
"785110" = "PRENATAL MV & MINERALS W/ IRON"
"785120" = "PRENATAL MV & MINERALS W/ IRON & FA"
"785130" = "PRENATAL MV & MINERALS W/ FA"
"785140" = "PRENATAL MV & MIN W/FE-FA-CA"
"785150" = "PRENATAL MV & MIN W/FE-FA-CA-OMEGA 3 FISH OIL"
"785200" = "VITAMINS W/ LIPOTROPICS"
"785300" = "VITAMINS W/ HORMONES"
"786000" = "HEMATINIC-VITAMIN PRODUCTS"
"786100" = "IRON W/ VITAMINS"
"786200" = "B-12 W/ VITAMINS"
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"786300" = "IRON & B12 W/ VITAMINS"
"790000" = "MINERALS & ELECTROLYTES"
"790500" = "BICARBONATES"
"791000" = "CALCIUM"
"791099" = "CALCIUM COMBINATIONS"
"792000" = "CHLORIDE"
"793000" = "FLUORIDE"
"793099" = 'FLUORIDE COMBINATIONS"
"793500" = "IODINE PRODUCTS"
"793599" = "IODINE COMBINATIONS"
"794000" = "MAGNESIUM"
"794099" = "MAGNESIUM COMBINATIONS"
"795000" = "MANGANESE"
"795099" = "MANGANESE COMBINATIONS"
"796000" = "PHOSPHATE"
"797000" = "POTASSIUM"
"797099" = "POTASSIUM COMBINATIONS"
"797500" = "SODIUM"
"798000" = "ZINC"
"798099" = "ZINC COMBINATIONS"
"798500" = "MINERAL COMBINATIONS"
"799000" = "TRACE MINERALS"
"799099" = "TRACE MINERAL COMBINATIONS"
"799900" = "ELECTROLYTE MIXTURES"
"799910" = "ELECTROLYTES ORAL"
"799920" = "ELECTROLYTES PARENTERAL"
"799930" = "ELECTROLYTES & DEXTROSE"
"799940" = "ELECTROLYTES & INVERT SUGAR"
"799950" = "PARENTERAL ELECTROLYTES W/ FRUCTOSE"
"800000" = "NUTRIENTS"
"801000" = "CARBOHYDRATE"
"802000" = "LIPIDS"
"802030" = "FATTY ACIDS"
"802099" = "LIPID COMBINATIONS"
"803000" = "PROTEIN"
"803010" = "PROTEIN PRODUCTS"
"803020" = "AMINO ACID MIXTURES"
"803030" = "AMINO ACIDS-SINGLE"
"803099" = "PROTEIN COMBINATIONS"
"804000" = "LIPOTROPICS"
"804099" = "LIPOTROPIC COMBINATIONS"
"805000" = "MISC. NUTRITIONAL SUBSTANCES"
"805099" = "MISC. NUTRITIONAL SUBSTANCES COMBINATIONS"
"810000" = "DIETARY PRODUCTS"
"811000" = "INFANT FOODS"
"812000" = "NUTRITIONAL SUPPLEMENTS"
"812005" = "NUTRITIONAL SUPPLEMENTS W/ DYE"
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"812010" = "NUTRITIONAL SUPPLEMENTS – DIET AIDS"
"813000" = "TUBE FEEDINGS"
"814000" = "NUTRITIONAL SUBSTITUTES"
"814010" = "SALT SUBSTITUTES"
"814020" = "SWEETNERS"
"819000" = "NUTRITIONAL MODIFIERS"

GROUPS 82–85 HEMATOLOGICAL AGENTS

"820000" = "HEMATOPOETIC AGENTS"
"821000" = "COBALAMINS"
"821010" = "LIVER PREPARATIONS"
"821500" = "INTRINSIC FACTOR"
"822000" = "FOLIC ACID/FOLATES"
"823000" = "IRON"
"824000" = "HEMATOPOIETIC GROWTH FACTORS"
"824010" = "ERYTHROPOIETINS"
"824015" = "GRANULOCYTE COLONY-STIMULATING FACTORS (G-CSF)"
"824020" = "GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR(GM-CSF)"
"824030" = "INTERLEUKINS"
"824040" = "STEM CELL FACTORS (SCF)"
"827000" = "AGENTS FOR GAUCHER DISEASE"
"828000" = "AGENTS FOR SICKLE CELL ANEMIA"
"828030" = "CYTOTOXIC AGENTS"
"829900" = "HEMOATOPOETIC MIXTURES"
"829910" = "COBALAMIN COMBINATIONS"
"829915" = "FOLIC ACID/FOLATE COMBINATIONS"
"829920" = "IRON COMBINATIONS"
"829930" = "IRON W/ B12"
"829940" = "IRON W/ FOLIC ACID"
"829950" = "IRON-B12-FOLATE"
"829970" = "LIVER EXTRACT COMBINATIONS"
"830000" = "ANTICOAGULANTS"
"831000" = "HEPARINS"
"831010" = "LOW MOLECULAR WEIGHT HEPARINS"
"831030" = "SYNTHETIC HEPARINOID-LIKE AGENTS"
"832000" = "COUMARIN ANTICOAGULANTS"
"833000" = "INDANDIONE ANTICOAGULANTS"
"833300" = "THROMBIN INHIBITORS"
"833340" = "THROMBIN INHIBITORS - HIRUDIN TYPE"
"833370" = "THROMBIN INHIBITORS - SELECTIVE DIRECT & REVERSIBLE"
"834000" = "IN VIRO ANTICOAGULANTS"
"834099" = "IN VITRO ANTICOAGULANT COMBINATIONS"
"840000" = "HEMOSTATICS"
"841000" = "HEMOSTATICS - SYSTEMIC"
"841099" = "SYSTEMIC HEMOSTATIC COMBINATIONS"
"842000" = "HEMOSTATICS - TOPICAL"

"842099" = "HEMOSTATIC COMBINATIONS – TOPICAL"
"850000" = "MISC. HEMATOLOGICAL AGENTS"
"851000" = "ANTIHEMOPHILIC PRODUCTS"
"851500" = "PLATELET AGGREGATION INHIBITORS"
"851530" = "GLYCOPROTEIN IIB/IIIA RECEPTOR INHIBITORS"
"851550" = "MONOCLONAL AGENTS"
"851555" = "PHOSPHODIESTERASE III INHIBITORS"
"851560" = "QUINAZOLINE AGENTS"
"851580" = "THIENOPYRIDINE DERIVATIVES"
"851599" = "PLATELET AGGREGATION INHIBITOR COMBINATIONS"
"852000" = "HEMATORHEOLOGICAL"
"852500" = "HEMIN"
"852700" = "IN VITRO HEMATOLOGIC AGENTS"
"852770" = "RED CELL WASHING AGENTS
"852775" = "RED CELL PRESERVATION AGENTS"
"822780" = "RED CELL REJUVENATION AGENTS"
"853000" = "PLASMA EXPANDERS"
"854000" = "PLASMA PROTEINS"
"855000" = "PROTAMINE"
"856000" = "THROMBOLYTIC ENZYMES"
"856010" = "TISSUE PLASMINOGEN ACTIVATOR"
"857000" = "HEMATOLOGIC OXYGEN TRANSPORTER"

GROUPS 86-91 TOPICAL PRODUCTS

"860000" = "OPHTHALMIC AGENTS"
"861000" = "OPHTHALMIC ANTIINFECTIVES"
"861010" = "OPHTHALMIC ANTIBIOTICS"
"861020" = "OPHTHALMIC SULFONAMIDES"
"861030" = "OPHTHALMIC ANTIVIRALS"
"861040" = "OPHTHALMIC ANTIFUNGAL"
"861050" = "OPHTHALMIC ANTISEPTICS"
"861099" = "OPHTHALMIC ANTIINFECTIVE COMBINATIONS"
"862000" = "ARTIFICIAL TEARS AND LUBRICANTS"
"862010" = "ARTIFICIAL TEAR SOLUTIONS"
"862020" = "ARTIFICIAL TEAR OINTMENTS"
"862025" = "ARTIFICIAL TEAR GELS"
"862030" = "ARTIFICIAL TEAR INSERT"
"862040" = "GONIOSCOPIC SOLUTION"
"862099" = "ARTIFICIAL TEAR AND LUBRICANT COMBINATIONS"
"862500" = "BETA-BLOCKERS - OPHTHALMIC"
"862599" = "BETA-BLOCKERS – OPHTHALMIC COMBINATIONS"
"863000" = "OPHTHALMIC STEROIDS"
"863099" = "OPHTHALMIC STEROID COMBINATIONS"
"863300" = "PROSTAGLANDINS – OPHTHALMIC"
"863500" = "CYCLOPLEGIC MYDRIATICS"
"863599" = "CYCLOPLEGIC MYDRIATICS COMBINATIONS"

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"864000" = "OPHTHALMIC DECONGESTANTS"
"864099" = "OPHTHALMIC DECONGESTANT COMBINATIONS"
"865000" = "MIOTICS"
"865010" = "MIOTICS - DIRECT ACTING"
"865020" = "MIOTICS - CHOLINESTERASE INHIBITORS"
"865099" = "MIOTIC COMBINATIONS"
"866000" = "OPHTHALMIC ADRENERGIC AGENTS"
"866020" = "OPHTHALMIC SELECTIVE ALPHA ADRENERGIC AGONISTS"
"866500" = "OPHTHALMIC - ANGIOGENESIS INHIBITORS"
"866550" = "SELECTIVE VASCULAR ENDOTHELIAL GROWTH FACTOR ANTAGONIST"
"867000" = "OPHTHALMIC PHOTODYNAMIC THERAPY AGENTS"
"867200" = "OPHTHALMIC IMMUNOMODULATORS"
"867500" = "OPHTHALMIC LOCAL ANESTHETICS"
"867599" = "OPHTHALMIC LOCAL ANESTHETIC - COMBINATIONS"
"867800" = "OPHTHALMIC SURGICAL AIDS"
"867899" = "OPHTHALMIC SURGICAL AIDS - COMBINATIONS"
"868000" = "MISC. OPHTHALMICS"
"868010" = "OPHTHALMIC ENZYMES"
"868020" = "OPHTHALMIC ANTIALLERGIC"
"868023" = "OPHTHALMIC CARBONIC ANHYDRASE INHIBITORS"
"868030" = "OPHTHALMIC IRRIGATION SOLUTIONS"
"868040" = "OPHTHALMIC HYPEROSMOLAR PRODUCTS"
"868050" = "OPHTHALMIC NSAIA'S AGENT"
"868060" = "OPHTHALMIC DIAGNOSTIC PRODUCTS"
"868070" = "OPHTHALMICS MISC. - OTHER"
"868099" = "MISC. OPHTHALMIC COMBINATIONS"
"869000" = "CONTACT LENS SOLUTIONS"
"869010" = "HARD LENS PRODUCTS"
"869020" = "SOFT LENS PRODUCTS"
"869030" = "OXYGEN PERMEABLE LENS PRODUCTS"
"869050" = "HARD/SOFT/GAS PERMEABLE PRODUCTS"
"870000" = "OTIC AGENTS"
"871000" = "OTIC ANTINFECTIVES"
"871099" = "OTIC ANTINFECTIVES COMBINATIONS"
"872000" = "OTIC ANALGESICS"
"873000" = "OTIC STEROIDS"
"874000" = "OTIC AGENTS MISC."
"877000" = "OTIC AGENTS - FOR EXTERNAL EAR"
"877097" = "OTIC - EXTERNAL ANALGESIC COMBINATIONS"
"879900" = "OTIC COMBINATIONS"
"879910" = "OTIC STEROID-ANTI-INFECTIVE COMBINATIONS"
"879920" = "OTIC ANALGESIC COMBINATIONS"
"879930" = "OTIC ANTIFUNGAL COMBINATIONS"
"880000" = "MOUTH/THROAT/DENTAL AGENTS"
"881000" = "ANTIINFECTIVES - THROAT"
"881099" = "ANTI-INFECTIVE COMBINATIONS - THROAT"
"881500" = "ANTISEPTICS - MOUNT/THROAT"
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"881599" = "ANTISEPTIC COMBINATIONS - MOUTH/THROAT"
"882000" = "LOZENGES"
"882099" = "LOZENGE - COMBINATIONS"
"882500" = "STEROIDS - MOUTH/THROAT"
"882599" = "STEROID COMBINATIONS - MOUTH/THROAT"
"883000" = "MOUTHWASHES"
"883099" = "MOUTHWASH COMBINATIONS"
"883500" = "ANESTHETICS, TOPICAL ORAL"
"883599" = "ANESTHETICS, TOPICAL ORAL - COMBOS"
"884000" = "DENTAL PRODUCTS"
"884003" = "DENTAL ASTRINGENTS"
"884005" = "DENTAL DISINFECTANTS"
"884007" = "DENTAL HEMOSTATICS"
"884010" = "FLUORIDE DENTAL RINSE"
"884020" = "FLUORIDE DENTAL PRODUCTS"
"884030" = "FLUORIDE TOOTHPASTE"
"884070" = "DENTAL AIDS"
"884099" = "DENTAL PRODUCTS - COMBINATIONS"
"885000" = "MISC. THROAT PRODUCTS"
"885010" = "ARTIFICAL SALIVA"
"885015" = "SALIVA STIMULANTS"
"885020" = "PROTECTANTS"
"890000" = "ANORECTAL"
"891000" = "RECTAL STEROIDS"
"891500" = "INTRARECTAL STEROIDS"
"892000" = "RECTAL LOCAL ANESTHETICS"
"893000" = "MISC. RECTAL PRODUCTS"
"894000" = "RECTAL PROTECTANTS - EMOLLIENTS"
"899900" = "RECTAL COMBINATIONS"
"899910" = "RECTAL ANESTHETIC/STEROIDS"
"899920" = "RECTAL ANESTHETIC COMBINATIONS"
"899930" = "RECTAL STEROID COMBINATIONS"
"899940" = "MISC. RECTAL COMBINATIONS"
"900000" = "DERMATOLOGICALS"
"900500" = "ACNE PRODUCTS"
"900510" = "ACNE ANTIBIOTICS"
"900520" = "ACNE CLEANSERS"
"900599" = "ACNE COMBINATIONS"
"900600" = "ROSACEA AGENTS"
"900700" = "ANALGESICS - TOPICAL"
"900799" = "ANALGESIC COMBINATIONS - TOPICAL"
"901000" = "ANTIBIOTICS - TOPICAL"
"901098" = "ANTIBIOTIC MIXTURES TOPICAL"
"901099" = "ANTIBIOTIC STEROID COMBINATIONS - TOPICAL"
"901500" = "ANTIFUNGALS - TOPICAL"
"901540" = "IMIDAZOLE-RELATED ANTIFUNGALS - TOPICAL"
"901599" = "ANTIFUNGALS - TOPICAL COMBINATIONS"
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"902000" = "ANTIHISTAMINES-TOPICAL"
"902099" = "ANTIHISTAMINES - TOPICAL COMBINATIONS"
"902100" = "ANTIINFLAMMATORY AGENTS"
"902199" = "ANTI-INFLAMMATORY COMBINATIONS - TOPICAL"
"902200" = "ANTIPRURTICS"
"902299" = "ANTIPRURTIC COMBINATIONS - TOPICAL"
"902500" = "ANTIPSORATICS"
"902505" = "ANTIPSORIATICS - SYSTEMIC"
"902510" = "ANTIPSORATIC, TAR CONTAINING"
"902599" = "ANTIPSORATIC COMBINATIONS"
"903000" = "ANTISEBORRHEIC PRODUCTS"
"903099" = "ANTISEBORRHEIC COMBINATIONS"
"903500" = "ANTIVIRAL - TOPICAL"
"903599" = "ANTIVIRAL TOPICAL COMBINATIONS"
"903700" = "ANTINEOPLASTIC OR PREMALIGNANT LESION AGENTS - TOPICAL"
"903720" = "ANTINEOPLASTIC ANTIMETABOLITES - TOPICAL"
"903740" = "ANTINEOPLASTIC OR PREMALIGNANT LESIONS - TOPICAL NSAID'S"
"903750" = "PHOTODYNAMIC THERAPY AGENTS - TOPICAL"
"903760" = "ANTINEOPLASTIC RETINOIDS - TOPICAL"
"903762" = "TOPICAL SELECTIVE RETINOID X RECEPTOR AGONISTS"
"904000" = "BATH PRODUCTS"
"904500" = "BURN PRODUCTS"
"905000" = "CAUTERIZING AGENTS"
"905099" = "CAUTERIZING AGENT COMBINATIONS"
"905200" = "TAR PRODUCTS"
"905299" = "TAR COMBINATIONS"
"905500" = "CORTICOSTEROIDS - TOPICAL"
"905598" = "STEROID-LOCAL ANESTHETICS"
"905599" = "TOPICAL STEROID COMBINATIONS"
"906000" = "DIAPER RASH PRODUCTS"
"906500" = "EMOLLIENTS"
"906599" = "EMOLLIENT COMBINATIONS"
"906600" = "EMOLLIENT/KERATOLYTIC AGENTS"
"907000" = "ENZYMES - TOPICAL"
"907099" = "ENZYME MIXTURES - TOPICAL"
"907300" = "HAIR GROWTH AGENTS"
"907360" = "TYPE II 5-ALPHA REDUCTASE INHIBITORS"
"907380" = "VASCULAR AGENTS"
"907400" = "HAIR REDUCTION AGENTS"
"907450" = "ORNITHINE DECARBOXYLASE (ODC) INHIBITORS - TOPICAL"
"907485" = "SURGICAL DEPILATORIES"
"907500" = "KERATOLYTIC/ANTIMITOTIC AGENTS"
"907599" = "KERATOLYTIC AND/OR ANTIMITOTIC AGENTS COMBINATIONS"
"907700" = "IMMUNOMODULATING AGENTS - TOPICAL"
"907730" = "IMMUNOMODULATORS IMIDAZOQUINOLINAMINES - TOPICAL"
"907800" = "IMMUNOSUPPRESSIVE AGENTS - TOPICAL"
"907840" = "MACROLIDE IMMUNOSUPPRESSANTS - TOPICAL"
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"908000" = "LINIMENTS"
"908099" = "LINIMENT COMBINATIONS"
"908500" = "LOCAL ANESTHETICS - TOPICAL"
"908510" = "TOPICAL ANESTHETIC GASSES"
"908599" = "TOPICAL ANESTHETIC COMBINATIONS"
"908700" = "PIGMENTING-DEPIGMENTING AGENTS"
"908710" = "PIGMENTING AGENTS"
"908720" = "DEPIGMENTING AGENTS"
"908799" = "DEPIGMENTING COMBINATIONS"
"908800" = "AGENTS FOR FACIAL WRINKLES"
"908860" = "AGENTS FOR FACIAL WRINKLES - RETINOIDS"
"908900" = "GLABELLAR LINES (FROWN LINES) AGENTS"
"909000" = "SCABICIDES & PEDICULOCIDES"
"909010" = "NIT REMOVERS"
"909099" = "SCABICIDE COMBINATIONS"
"909200" = "SUNSCREENS"
"909300" = "SCAR TREATMENT PRODUCTS"
"909400" = "WOUND CARE PRODUCTS"
"909420" = "WOUND CICATRIZING (SCARRING) AGENTS"
"909430" = "WOUND CLEANSERS/DECUBITUS ULCER THERAPY"
"909440" = "WOUND DRESSINGS"
"909450" = "WOUND CARE - GROWTH FACTOR AGENTS"
"909460" = "WOUND CARE - THROMBOLYTIC AGENTS"
"909470" = "WOUND CARE SUPPLIES
"909480" = "SKIN TISSUE REPLACEMENTS"
"909499" = "WOUND CARE COMBINATIONS"
"909500" = "POISON IVY PRODUCTS"
"909599" = "POISON IVY PRODUCT COMBINATIONS"
"909600" = "TOPICAL VASOPROTECTANTS"
"909699" = "TOPICAL VASOPROTECTANT COMBINATIONS"
"909700" = "MISC. TOPICAL"
"909710" = "ASTRINGENTS"
"909715" = "SKIN CLEANSERS"
"909720" = "SKIN PROTECTANTS"
"909730" = "SOAPS"
"909740" = "SHAMPOOS"
"909750" = "POWDERS"
"909760" = "SKIN OILS"
"909770" = "LUBRICANTS"
"909780" = "EYELID CLEANSERS"
"909799" = "MISC. TOPICAL COMBINATIONS"
"909800" = "PODIATRIC PRODUCTS"
"909899" = "PODIATRIC PRODUCT - COMBINATIONS"
"909900" = "MISC. DERMATOLOGICAL PRODUCTS"
"910000" = "R E S E R V E D"
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GROUPS 92-99 MISCELLANEOUS PRODUCTS

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"920000" = "ANTISEPTICS & DISINFECTANTS"
"921000" = "CHLORINE ANTISEPTICS"
"921099" = "CHLORINE ANTISEPTIC COMBINATIONS"
"922000" = "IODINE ANTISEPTICS"
"922099" = "IODINE ANTISEPTIC COMBINATIONS"
"923000" = "MERCURY ANTISEPTICS"
"924000" = "SILVER ANTISEPTICS"
"925000" = "WATER PURIFIERS"
"928000" = "DISINFECTANTS"
"929900" = "ANTISEPTIC COMBINATIONS"
"930000" = "ANTIDOTES"
"931000" = "CHELATING AGENTS"
"932000" = "BENZODIAZEPINE ANTAGONISTS"
"934000" = "NARCOTIC ANTAGONISTS"
"908000" = "TOPICAL ANTIDOTES"
"939900" = "ANTIDOTE KITS"
"940000" = "DIAGNOSTIC PRODUCTS"
"941000" = "DIAGNOSTIC REAGANTS"
"941010" = "INFECTION TESTS"
"941075" = "CONTROL REAGENTS"
"941098" = "DIAGNOSTIC TEST COMBINATIONS"
"941099" = "MULTIPLE URINE TESTS"
"942000" = "DIAGNOSTIC DRUGS"
"942099" = "DIAGNOSTIC DRUG COMBINATIONS"
"943000" = "DIAGNOSTIC BIOLOGICALS"
"943099" = "MULTIPLE SKIN TESTS"
"943500" = "DIAGNOSTIC RADIOPHARMACEUTICALS"
"943540" = "DIAGNOSTIC RADIOPHARMACEUTICALS - ENDOCRINE"
"943565" = "DIAGNOSTIC RADIOPHARMACEUTICALS - PROSTATIC"
"944000" = "RADIOGRAPHIC CONTRAST MEDIA"
"944010" = "RADIOGRAPHIC CONTRAST MEDIA - BARIUM"
"944020" = "RADIOGRAPHIC CONTRAST MEDIA - IODINATED"
"944030" = "RADIOGRAPHIC CONTRAST MEDIA - IRON OXIDE"
"945000" = "NON-RADIOGRAPHIC CONTRAST MEDIA"
"945099" = "NON-RADIOGRAPHIC CONTRAST MEDIA COMBINATIONS"
"946000" = "DIAGNOSTIC PRODUCTS, MISC."
"946060" = "DIAGNOSTIC SUPPLIES"
"950000" = "ALTERNATIVE MEDICINES"
"960000" = "CHEMICALS"
"961000" = "ACIDS, BASES, & BUFFERS"
"961010" = "ACIDS"
"961020" = "BASES"
"961030" = "BUFFERS"
"962000" = "LIQUIDS"
"962010" = "SOLVENTS"
"962020" = "FIXED OILS"
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"962025" = "ESSENTIAL OILS"
"962099" = "LIQUID COMBINATIONS"
"963000" = "SOLIDS"
"963010" = "ADDITIONAL SOLIDS"
"963099" = "SOLID COMBINATIONS"
"964000" = "SEMI-SOLIDS"
"970000" = "MEDICAL DEVICES"
"970500" = "PARENTERAL THERAPY SUPPLIES"
"970510" = "NEEDLES & SYRINGES"
"970520" = "IV SETS/TUBING"
"970525" = "PARENTERAL CATHETERS"
"970530" = "BLOOD ADMINISTRATION SETS"
"970540" = "SUBCUTANEOUS ADMINISTRATION SUPPLIES"
"970800" = "CARDIOLOGY SUPPLIES"
"970820" = "CARDIAC CATHETERS"
"970830" = "CARDIAC DEFIBRILLATORS"
"970860" = "CARDIAC PACEMAKERS"
"971000" = "RESPIRATORY THERAPY SUPPLIES"
"971010" = "NEBULIZERS"
"971015" = "PEAK FLOW METERS"
"971020" = "HUMIDIFIERS"
"971027" = "STEAM INHALERS"
"971030" = "VAPORIZERS"
"971050" = "TRACHEOSTOMY CARE & SUPPLIES"
"971200" = "RESPIRATORY AIDS"
"971210" = "MASKS"
"971240" = "AIR CLEANERS"
"971500" = "GI-GU OSTOMY - IRRIGATION SUPPLIES"
"971505" = "CATHETERS"
"971510" = "OSTOMY SUPPLIES"
"971520" = "INCONTENENTENCE SUPPLIES"
"971525" = "IRRIGATION - TYPE SYRINGES"
"971530" = "URINARY DRAINAGE & IRRIGATION SUPPLIES"
"971600" = "HEMODIALYTICS & HEMOFILTRATES"
"971610" = "HEMODIALYSIS"
"971700" = "PERITONEAL DIALYSIS"
"971710" = "PERITONEAL DIALYSIS - CATHETERS"
"971720" = "PERITONEAL DIALYSIS - DEVICES"
"972000" = "DIABETIC SUPPLIES"
"972010" = "INSULIN ADMINISTRATION SUPPLIES"
"972020" = "GLUCOSE MONITORING TEST SUPPLIES"
"972023" = "GLUCOSE MONITORING & INSULIN ADMINISTRATION SUPPLIES"
"972025" = "GLUCOSE/KETONE MONITORING TEST SUPPLIES"
"972500" = "ENTERAL NUTRITION SUPPLIES"
"972510" = "FEEDING TUBES"
"973000" = "BANDAGES - DRESSINGS - TAPE"
"973010" = "ADHESIVE BANDAGES"
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"973015" = "COMPRESSION BANDAGES"
"973020" = "GAUZE BANDAGES"
"973030" = "GAUZE PADS & DRESSINGS"
"973040" = "ADHESIVE TAPE"
"973050" = "NASAL DILATORS"
"973070" = "SCAR TREATMENTS"
"973400" = "FIXED (RIGID) BANDAGES/SUPPORTS & ACCESSORIES"
"973440" = "CASTS, SPLINTS & ACCESSORIES"
"973500" = "ELASTIC BANDAGES & SUPPORTS"
"973600" = "SURGICAL SUPPLIES"
"973650" = "SURGICAL SCALPELS & BLADES"
"973660" = "SUTURES"
"973670" = "SURGICAL ORTHOPEDIC DEVICES"
"973700" = "HEATING/COOLING AIDS"
"973710" = "HEATING PADS"
"973720" = "HOT PACKS"
"973750" = "COLD PACKS"
"973790" = "HOT/COLD COMBINATION THERAPY AIDS"
"973900" = "BACK PLASTERS"
"974000" = "CONTRACEPTIVES"
"974010" = "CONDOMS - MALES"
"974015" = "CONDOMS – FEMALE"
"974018" = "CERVICAL CAPS"
"974020" = "DIAPHRAGMS"
"974030" = "IUD'S"
"974040" = "CONTRACEPTIVE SPONGE"
"974200" = "FERTILITY MONITORING TEST SUPPLIES"
"974500" = "FEMALE PERSONAL CARE PRODUCTS"
"974510" = "SANITARY NAPKINS & TAMPONS"
"974520" = "DOUCHE SUPPLIES"
"974700" = "IMPOTENCE AIDS"
"974750" = "IMPOTENCE AIDS – MALE"
"974760" = "SEXUAL DYSFUNCTION DEVICES – FEMALE"
"975000" = "ORAL HYGIENE PRODUCTS"
"975005" = "DENTAL SUPPLIES"
"975010" = "DENTURE CARE PRODUCTS"
"975020" = "TOOTHBRUSHES - FLOSS"
"975030" = "DENTIFRICES"
"975040" = "DENTAL WHITENING PRODUCTS"
"975500" = "INFANT CARE PRODUCTS"
"975510" = "FEEDING SUPPLIES"
"975520" = "DIAPERS"
"975530" = "NURSING PADS"
"975700" = "AUDITORY SUPPLIES"
"975740" = "HEARING AID SUPPLIES–BATTERIES"
"976000" = "OPTICAL SUPPLIES"
"976010" = "CONTACT LENS CARE SUPPLIES"

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"976020" = "EYEGLASS CARE SUPPLIES"
"976030" = "EYE PATCHES"
"976500" = "DURABLE MEDICAL EQUIPMENT"
"977000" = "MISC. DEVICES"
"977010" = "THERMOMETERS"
"977020" = "DISPOSABLE GLOVES"
"977030" = "APPLICATORS, COTTON BALLS, ETC."
"977040" = "RUBBER GOODS"
"977050" = NERVE STIMULATORS"
"977053" = "BLOOD COAGULATION TEST SUPPLIES"
"977055" = "NEUROLOGICAL DIAGNOSTIC SUPPLIES"
"977060" = "OPHTHALMIC PRESSURE MONITORS"
"977070" = "RAZORS AND BLADES"
"977080" = "SPONGES"
"977085" = "DRUG APPLICATION PRODUCTS"
"977090" = "ORAL DOSING DEVICES"
"977095" = "ACUPRESSURE THERAPY SUPPLIES"
"977500" = "BLOOD PRESSURE DEVICES"
"977599" = "BLOOD PRESSURE DEVICE COMBINATIONS"
"978000" = "FOOT CARE PRODUCTS"
"978099" = "FOOT CARE PRODUCT – COMBINATIONS"
"978500" = "FIRST AID KITS"
"980000" = "PHARMACEUTICAL ADJUVANTS"
"980500" = "ALKALIZING AGENTS"
"981000" = "ANITMICROBIAL AGENTS"
"982000" = "ANTIOXIDANTS"
"982500" = "PRESERVATIVES OTHER"
"983000" = "COLORING AGENTS"
"983300" = "FLAVORING AGENTS"
"983500" = "PHARMACEUTICAL EXCIPIENTS"
"983510" = "EXTERNAL VEHICLE INGREDIENTS"
"983600" = "INTERNAL VEHICLE INGREDIENTS/AGENTS"
"983650" = "THICKENING AGENTS"
"983700" = "SURFACTANTS"
"984000" = "LIQUID VEHICLE"
"984010" = "PARENTERAL VEHICLES"
"984020" = "ORAL VEHICLES"
"984030" = "EXTERNAL VEHICLES"
"984090" = "MISC. VEHICLES"
"986000" = "SEMISOLID VEHICLE"
"986500" = "DELIVERY DEVICES"
"986520" = "TRANSDERMAL PATCHES"
"987000" = "GELATIN CAPSULES (EMPTY)"
"987100" = "NON GELATIN CAPSULES (EMPTY)"
"988000" = "PLACEBOS"
"989000" = "PHARMACEUTICAL ADJUVANTS MISCELLANOUS"
"989030" = "BUFFER REFERENCE STANDARDS"
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"990000" = "ASSORTED CLASSES"
"991000" = "CARDIOPLEGIC SOLUTION"
"992000" = "CHELATING AGENTS"
"993000" = "COLLAGEN IMPLANT"
"993200" = "CYTOPROTECTIVE AGENTS"
"993250" = "LAZAROIDS"
"993500" = "ENZYMES"
"993900" = "IMMUNOMODULATORS"
"993920" = "ANTILEPROTICS"
"994000" = "IMMUNOSUPPRESSIVE AGENTS"
"994020" = "CYCLOSPORINE ANALOGS"
"994025" = "IMMUNE GLOBULIN IMMUNOSUPPRESSANTS"
"994030" = "INOSINE MONOPHOSPHATE DEHYDROGENASE INHIBITORS"
"994040" = "MACROLIDE IMMUNOSUPPRESSANTS"
"994050" = "MONOCLONAL ANTIBODIES"
"994060" = "PURINE ANALOGS"
"994070" = "PYRIMIDINE ANALOGS"
"994500" = "K REMOVING RESIN"
"994700" = "LYMPHATIC AGENTS"
"994750" = "LYMPHEDEMA AGENTS"
"995000" = "PROSTAGLANDINS"
"996500" = "SCLEROSING AGENTS"
"996599" = "SCLEROSING COMBINATIONS"
"997000" = "PERITONEAL DIALYSIS SOLUTIONS"
"997500" = "IRRIGATION SOLUTIONS"
"998000" = "ORGAN PRESERVATION SOLUTION"
"998500" = "MISC. NATURAL PRODUCTS"
"998700" = "HOMEOPATHIC PRODUCTS"
"999000" = "NOT CLASSIFIED"
"999030" = "UNCLASSIFIED OTC PRODUCT"
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