

Appendix A

Codes for Data Fields

"Birthplace" and

"Place of Death"

BIRTHPLACE and PLACE OF DEATH Codes -- numerical list**CONTINENTAL UNITED STATES and HAWAII**

Codes for the United States are by section of the country. The second digit represents the first digit of the ZIP Code. For convenience, U.S. postal abbreviations are shown in square brackets, but remember that "Birthplace" and "Place of Death" hold the *numeric* codes shown at the left.

000 United States, NOS**001 Northeast states, NOS;
New England, NOS**

- 002 Maine [ME]
- 003 New Hampshire [NH]
- 004 Vermont [VT]
- 005 Massachusetts [MA]**
- 006 Rhode Island [RI]
- 007 Connecticut [CT]
- 008 New Jersey [NJ]

010 North Mid-Atlantic states, NOS

- 011 New York [NY]
- 014 Pennsylvania [PA]
- 017 Delaware [DE]

020 South Mid-Atlantic states, NOS

- 021 Maryland [MD]
- 022 District of Columbia [DC];
Washington, DC
- 023 Virginia [VA]
- 024 West Virginia [WV]
- 025 North Carolina [NC]
- 026 South Carolina [SC]

030 Southeastern states, NOS

- 031 Tennessee [TN]
- 033 Georgia [GA]
- 035 Florida [FL]
- 037 Alabama [AL]
- 039 Mississippi [MS]

040 North Central states, NOS

- 041 Michigan [MI]
- 043 Ohio [OH]
- 045 Indiana [IN]
- 047 Kentucky [KY]

050 Northern Midwest states, NOS

- 051 Wisconsin [WI]
- 052 Minnesota [MN]
- 053 Iowa [IA]
- 054 North Dakota [ND]
- 055 South Dakota [SD]
- 056 Montana [MT]

060 Central Midwest states, NOS

- 061 Illinois [IL]
- 063 Missouri [MO]
- 065 Kansas [KS]
- 067 Nebraska [NE]

070 Southern Midwest states, NOS

- 071 Arkansas [AR]
- 073 Louisiana [LA]
- 075 Oklahoma [OK]
- 077 Texas [TX]

080 Mountain states, NOS

- 081 Idaho [ID]
- 082 Wyoming [WY]
- 083 Colorado [CO]
- 084 Utah [UT]
- 085 Nevada [NV]
- 086 New Mexico [NM]
- 087 Arizona [AZ]

090 Pacific Coast states, NOS

- 091 Alaska [AK]
- 093 Washington [WA]
- 095 Oregon [OR]
- 097 California [CA]
- 099 Hawaii [HI]

UNITED STATES POSSESSIONS

When these codes were originally assigned during the 1970's, the United States owned or controlled islands in the Pacific. Many of these islands have been either granted independence or control has been returned to another country. To be consistent, these islands are still coded to the original codes. The names have been annotated to indicate the new political designation. Some US Postal abbreviations are shown in square brackets for convenience, but remember that "Birthplace" and "Place of Death" hold the *numeric* codes shown at the left.

100 Atlantic/Caribbean area, U.S. possessions, NOS

- 101 Puerto Rico [PR]
- 102 U.S. Virgin Islands [VI]
- 109 other Atlantic/Caribbean area

See codes **240 - 249** for non-U.S. possessions in this region.

110 Canal Zone

120 Pacific area, U.S. possessions, NOS

- 121 American Samoa [AS]
- 122 Kiribati; Canton and Enderbury Islands; Gilbert Islands; Phoenix Islands; Southern Line Islands
- 123 Micronesia*, Federated States of [FM]; Caroline Islands (Trust Territory of Pacific Islands)
- 124 Cook Islands (New Zealand)
- 125 Tuvalu; Ellice Islands
- 126 Guam [GU]
- 127 Johnston Atoll
- 129 Mariana Islands [MP], Northern (Trust Territory of Pacific Islands)
- 131 Marshall Islands [MH] (Trust Territory of Pacific Islands)
- 132 Midway Islands
- 133 Nampo-Shoto, Southern
- 134 Ryukyu Islands (Japan)
- 135 Swan Islands
- 136 Tokelau Islands (New Zealand)
- 137 Wake Island
- 139 Palau [PW] (Belau) (Trust Territory of Pacific Islands)

See codes **711 - 725** for non-U.S. possessions in this region.

* Do not confuse with code **723** (=Micronesian Islands, *not* U.S. possession)

NORTH and SOUTH AMERICA, Exclusive of the U.S. and its Possessions

210 Greenland

220 Canada, NOS (Canadian postal abbreviations for provinces/territories are shown in square brackets.)

- 221 Labrador [NL]; Maritime provinces; New Brunswick [NB]; Newfoundland [NL];
Nova Scotia [NS]; Prince Edward Island [PE]
- 222 Quebec [QC]
- 223 Ontario [ON]
- 224 Prairie provinces; Alberta [AB]; Manitoba [MB]; Saskatchewan [SK]
- 225 Northwest Territories [NT]; Yukon Territory [YT]
- 226 British Columbia [BC]
- 227 Nunavut [NU]

230 Mexico

240 North American Islands, NOS

- 241 Cuba
- 242 Haiti
- 243 Dominican Republic
- 244 Jamaica
- 245 other Caribbean islands; Anguilla; Antigua; Antilles, NOS; Aruba; Barbados; Barbuda; British
Virgin Islands; British West Indies; Caicos Islands; Caribbean, NOS; Cayman Islands;
Curacao; Dominica; French West Indies; Grenada; Grenadines; Guadeloupe; Leeward
Islands, NOS; Martinique; Montserrat; Netherlands Antilles; Nevis; St. Christopher-Nevis;
St. Kitts; St. Lucia; St. Vincent; Tobago; Trinidad; Turks Islands; West Indies, NOS;
Windward Islands, NOS
- 246 Bermuda
- 247 Bahamas
- 249 Miquelon; St. Pierre

250 Central America, NOS

- 251 Guatemala
- 252 Belize; British Honduras
- 253 Honduras, NOS
- 254 El Salvador
- 255 Nicaragua
- 256 Costa Rica
- 257 Panama

260 North America, NOS

265 Latin America, NOS

300 South America, NOS

- 311 Colombia
- 321 Venezuela
- 331 Guyana; British Guiana
- 332 Surinam; Dutch Guiana; Netherlands
Guiana
- 333 French Guiana
- 341 Brazil
- 345 Ecuador; Galapagos Islands
- 351 Peru
- 355 Bolivia
- 361 Chile
- 365 Argentina
- 371 Paraguay
- 375 Uruguay
- 380 Other South American islands
- 381 Falkland Islands

EUROPE**Europe, NOS** (See code 499.)**400 United Kingdom, NOS;
Great Britain, NOS**

- 401 England; Channel Islands; Guernsey;
Isle of Man; Jersey
- 402 Wales
- 403 Scotland; Orkney Islands; Shetland
Islands
- 404 Northern Ireland; Ulster

**410 Ireland, NOS; Eire;
Republic of Ireland****420 Scandinavia, NOS; Lapland, NOS**

- 421 Iceland
- 423 Norway; Jan Mayen; Svalbard
- 425 Denmark; Faeroe (Faroe) Islands
- 427 Sweden
- 429 Finland

430 Germanic countries, NOS

- 431 Germany (East and West); Bavaria;
Federal Republic of Germany;
German Democratic Republic
- 432 Netherlands; Holland
- 433 Belgium
- 434 Luxembourg
- 435 Switzerland
- 436 Austria
- 437 Liechtenstein

440 Romance-language countries, NOS

- 441 France; Corsica; Monaco
- 443 Spain; Andorra; Balearic Islands;
Canary Islands
- 445 Portugal; Azores; Cape Verde Islands;
Madeira Islands
- 447 Italy; Holy See; San Marino;
Sardinia; Sicily; Vatican City
- 449 Romania (Rumania); Dobruja;
Romanian Moldavia; Transylvania;
Wallachia

450 Slavic countries, NOS

- 451 Poland
- 452 former Czechoslovakia region;
Bohemia; Czech Republic; Moravia;
Slovak Republic; Slovakia
- 453 former Yugoslavia region;
Bosnia-Herzegovina; Croatia;
Dalmatia; Macedonia; Montenegro;
Serbia; Slavonia; Slovenia
- 454 Bulgaria
- 455 Russia, NOS; former Russian
Federation S.F.S.R.;
former U.S.S.R., NOS
- 456 Moldavia, NOS; Ukraine; Bessarabia;
former Moldavian S.S.R.; former
Ukrainian S.S.R.; former U.S.S.R.
Moldavia
- 457 Belarus; former Byelorussian S.S.R.;
White Russia
- 458 Estonia; former Estonian S.S.R.
- 459 Latvia; former Latvian S.S.R.
- 461 Lithuania; former Lithuanian S.S.R.
- 463 Baltic Republic(s), NOS;
Baltic State(s), NOS

470 Other mainland Europe, NOS

- 471 Crete; Greece
- 475 Hungary
- 481 Albania
- 485 Gibraltar

490 Other Mediterranean islands, NOS

- 491 Malta
- 495 Cyprus

**499 Europe, NOS; Central Europe, NOS;
Eastern Europe, NOS;
Northern Europe, NOS;
Southern Europe, NOS;
Western Europe, NOS**

AFRICA**500 Africa, NOS; Central Africa, NOS; Equatorial Africa, NOS****510 North Africa, NOS**

- 511 Morocco
- 513 Algeria
- 515 Tunisia
- 517 Libya; Cyrenaica; Tripoli; Tripolitania
- 519 Egypt; United Arab Republic

520 Sudanese countries

- Anglo-Egyptian Sudan; Burkina Faso; Chad; Mali; Mauritania; Niger; Spanish Sahara; Sudan; Western Sahara; Upper Volta

530 West Africa, NOS; French West Africa, NOS

- 531 Nigeria
- 539 Other West African countries
 - Benin; Bioko; Cameroon (Kameroun); Central African Republic; Congo, NOS; Congo-Brazzaville; Cote d'Ivoire (Ivory Coast); Dahomey; Equatorial Guinea; Fernando Po; French Congo; French Equatorial Africa; Gabon; Gambia; Ghana; Guinea, NOS; Guinea-Bissau; Liberia; Portuguese Guinea; Rio Muni; Senegal; Sierra Leone; Spanish Guinea; Togo

540 South Africa, NOS

- 541 Zaire; Belgian Congo; Congo-Kinshasa; Congo-Leopoldville
- 543 Angola; Cabinda; Principe; Sao Tome
- 545 Republic of South Africa; Basutoland; Bechuanaland; Bophuthatswana; Botswana; Cape Colony; Ciskei; Free State; Lesotho; Namibia; Natal; Orange Free State; South West Africa; Swaziland; Transkei; Transvaal; Union of South Africa; Venda
- 547 Zimbabwe; Rhodesia, NOS; Southern Rhodesia
- 549 Zambia; Northern Rhodesia
- 551 Malawi; Nyasaland
- 553 Mozambique
- 555 Madagascar; Malagasy Republic

570 East Africa, NOS

- 571 Tanzania; Tanganyika; Tanzanyika; Zanzibar
- 573 Uganda
- 575 Kenya
- 577 Rwanda (Ruanda)
- 579 Burundi; Urundi
- 581 Somalia; Somali Republic; Somaliland, NOS
- 583 Djibouti; French Somaliland; French Territory of the Afars and Issas
- 585 Ethiopia; Abyssinia; Eritrea

580 African Coastal islands, NOS

- Comoros; Mauritius; Mayotte; Reunion; St. Helena; Seychelles

ASIA**600 Asia, NOS****610 Near East, NOS; Mesopotamia, NOS**

611 Turkey; Anatolia; Asia Minor, NOS; Turkish Armenia

620 Asian Arab countries, NOS; Iraq-Saudi Arabia Neutral Zone; Middle East, NOS

621 Syria

623 Lebanon

625 Jordan; former Arab Palestine; Transjordan

627 Iraq

629 Arabian Peninsula; Aden; Arabia, NOS; Bahrain; Kuwait; Muscat; Oman; People's Democratic Republic of Yemen; Persian Gulf States, NOS; Qatar; Saudi Arabia; Southern Yemen; Trucial States; United Arab Emirates; Yemen

631 Israel and former Jewish Palestine; Gaza; Palestine, NOS; Palestinian National Authority (PNA); West Bank

633 Caucasian Republics of the former U.S.S.R.; Armenia; Azerbaijan; Azerbaizhan (Azerbaidzhan) S.S.R.; Georgia; Nagorno-Karabakh

634 other Asian Republics of the former U.S.S.R.; Kazakh S.S.R.; Kazakhstan; Kirghiz S.S.R.; Kyrgystan; Kyrgyz; Tadjhik S.S.R.; Tajikistan; Turkmen S.S.R.; Turkmenistan; Uzbek S.S.R.; Uzbekistan

637 Iran; Persia

638 Afghanistan

639 Pakistan, NOS; West Pakistan

640 Mid-East Asia, NOS; Maldives

641 India; Andaman Islands

643 Bhutan; Nepal; Sikkim

645 Bangladesh; East Pakistan

647 Sri Lanka; Ceylon

649 Myanmar; Burma

650 Southeast Asia, NOS

651 Thailand; Siam

660 Indochina, NOS

661 Laos

663 Cambodia; Kampuchea

665 Vietnam; Annam; Cochin China; Tonkin

671 Malay Peninsula; Brunei; Malaysia; North Borneo; Singapore

673 Indonesia; Borneo, NOS; Dutch East Indies; Java; New Guinea, NOS; Sumatra

675 Philippines; Philippine Islands

680 East Asia, NOS

681 China, NOS

682 People's Republic of China

683 Hong Kong

684 Taiwan; Formosa; Republic of China

685 Tibet

686 Macao (Macau)

691 Mongolia

693 Japan; Okinawa

695 Korea (North and South)

AUSTRALIA and OCEANIA

711 Australia, NOS;

Australian New Guinea; Cartier Islands; Cocos (Keeling) Islands; Norfolk Islands;
Northeast New Guinea; Papua New Guinea

715 New Zealand; Niue

720 Pacific Islands, NOS*; Oceania, NOS*; Polynesia, NOS*

721 Melanesian Islands*; Fiji; Futuna Islands; Melanesia; New Hebrides; Solomon Islands;
Vanuatu; Wallis Islands

723 Micronesian Islands*; Christmas Island; Micronesia*; Nauru

725 Polynesian Islands*; French Polynesia; New Caledonia; Pitcairn; Tonga; Western Samoa

750 Antarctica

* Except possessions of the U.S. -- See codes **120 - 139** for these.

"PLACE OF DEATH" FOR LIVING PATIENTS

997 Use this code in the "Place of Death" field when the patient was alive as of the Date of Last Contact.

PLACE OF BIRTH/DEATH UNKNOWN

998 Not U.S., NOS

(Birth or death place is stated to be *not* in the United States, but no other information is available.)

999 Place of birth/death completely unknown

BIRTHPLACE and PLACE OF DEATH codes -- alphabetical list

	A	245	Anguilla	087	AZ (Arizona)
224	AB (Alberta)	665	Annam	633	Azerbaijhan S.S.R.
585	Abyssinia	750	Antarctica	633	Azerbaijan
629	Aden	245	Antigua	633	Azerbaijhan S.S.R.
583	Afars and Issas (French Territory)	245	Antilles, Netherlands	445	Azores
638	Afghanistan	245	Antilles, NOS		
500	Africa	071	AR (Arkansas)		B
500	Africa, Central	620	Arab countries, Asian	247	Bahamas
570	Africa, East	629	Arab Emirates, United	629	Bahrain
500	Africa, Equatorial, NOS	625	Arab Palestine, former	443	Balearic Islands
539	Africa, French Equatorial	519	Arab Republic, United (Egypt)	463	Baltic Republic(s)
510	Africa, North	629	Arabia	463	Baltic State(s)
540	Africa, South, NOS	629	Arabia, Saudi	645	Bangladesh
545	Africa, South, Republic of	629	Arabian Peninsula	631	Bank, West
545	Africa, South, Union of	365	Argentina	245	Barbados
545	Africa, South West	087	Arizona	245	Barbuda
530	Africa, West	071	Arkansas	545	Basutoland
530	Africa, West, French	633	Armenia (former U.S.S.R.)	431	Bavaria
580	African Coastal islands, NOS	611	Armenia, Turkish	226	BC (British Columbia)
539	African Republic, Central	245	Aruba	545	Bechuanaland
091	AK (Alaska)	121	AS (American Samoa)	457	Belarus
037	AL (Alabama)	680	Asia, East	139	Belau
037	Alabama	640	Asia, Mid-East	541	Belgian Congo
091	Alaska	610	Asia, Near East	433	Belgium
481	Albania	600	Asia, NOS	252	Belize
224	Alberta	650	Asia, Southeast	539	Benin
513	Algeria	611	Asia Minor	246	Bermuda
250	America, Central	620	Asian Arab countries	456	Bessarabia
260	America, North	634	Asian Republics of the former U.S.S.R., other	643	Bhutan
300	America, South	109	Atlantic/Caribbean area, other U.S. possessions	539	Bioko
121	American Samoa	100	Atlantic/Caribbean area, U.S. possessions	452	Bohemia
611	Anatolia	711	Australia	355	Bolivia
641	Andaman Islands	711	Australian New Guinea	545	Bophuthatswana
443	Andorra	436	Austria	671	Borneo, North
520	Anglo-Egyptian Sudan			673	Borneo, NOS
543	Angola			453	Bosnia-Herzegovina
				545	Botswana
				341	Brazil
				226	British Columbia
				331	British Guiana

252	British Honduras	665	China, Cochin	431	Democratic Republic, German
245	British Virgin Islands	681	China, NOS	425	Denmark
245	British West Indies, NOS	682	China, People's Republic of	022	District of Columbia
671	Brunei	684	China, Republic of	583	Djibouti
454	Bulgaria	723	Christmas Island	449	Dobruja
520	Burkina Faso	545	Ciskei	245	Dominica
649	Burma	083	CO (Colorado)	243	Dominican Republic
579	Burundi	665	Cochin China	673	Dutch East Indies
457	Byelorussian S.S.R.	711	Cocos Islands	332	Dutch Guiana
	C	311	Colombia		E
097	CA (California)	083	Colorado	570	East Africa
543	Cabinda	580	Comoros	680	East Asia
245	Caicos Islands	226	Columbia, British	431	East Germany
097	California	022	Columbia, District of	673	East Indies, Dutch
663	Cambodia	541	Congo, Belgian	645	East Pakistan
539	Cameroon	539	Congo, French	499	Eastern Europe
220	Canada	539	Congo, NOS	345	Ecuador
110	Canal Zone	539	Congo-Brazzaville	519	Egypt
443	Canary Islands	541	Congo-Kinshasa	410	Eire
122	Canton and Enderbury Islands	541	Congo-Leopoldville	254	El Salvador
545	Cape Colony	007	Connecticut	125	Ellice Islands
445	Cape Verde Islands	124	Cook Islands	122	Enderbury Islands, Canton and
245	Caribbean, NOS	441	Corsica	401	England
245	Caribbean islands, other	256	Costa Rica	539	Equatorial Africa, French
123	Caroline Islands	539	Cote d'Ivoire	500	Equatorial Africa, NOS
711	Cartier Islands	471	Crete	539	Equatorial Guinea
633	Caucasian Republics of the former U.S.S.R.	453	Croatia	585	Eritrea
245	Cayman Islands	007	CT (Connecticut)	458	Estonia
500	Central Africa	241	Cuba	458	Estonian S.S.R.
539	Central African Republic	245	Curacao	585	Ethiopia
250	Central America	495	Cyprus	499	Europe
499	Central Europe	517	Cyrenaica	499	Europe, Central
060	Central Midwest U.S.	452	Czech Republic	499	Europe, Eastern
647	Ceylon	452	Czechoslovakia	499	Europe, Northern
520	Chad		D	470	Europe, other mainland
401	Channel Islands (British)	539	Dahomey	499	Europe, Southern
361	Chile	453	Dalmatia	499	Europe, Western
		022	DC (District of Columbia)		
		017	DE (Delaware)		
		017	Delaware		

F			
425	Faeroe Islands	431	Germany
381	Falkland Islands	431	Germany, East
425	Faroe Islands	431	Germany, Federal Republic of
431	Federal Republic of Germany	431	Germany, West
123	Federated States of Micronesia, U.S. possession	539	Ghana
539	Fernando Po	485	Gibraltar
721	Fiji	122	Gilbert Islands
429	Finland	400	Great Britain
035	FL (Florida)	471	Greece
035	Florida	210	Greenland
123	FM (Federated States of Micronesia, U.S. possession)	245	Grenada
684	Formosa	245	Grenadines
441	France	126	GU (Guam)
545	Free State (Orange)	245	Guadeloupe
539	French Congo	126	Guam
539	French Equatorial Africa	251	Guatemala
333	French Guiana	401	Guernsey
725	French Polynesia	331	Guiana, British
583	French Somaliland	332	Guiana, Dutch
583	French Territory of the Afars and Issas	333	Guiana, French
530	French West Africa	332	Guiana, Netherlands
245	French West Indies	539	Guinea
721	Futuna Islands	539	Guinea-Bissau
		539	Guinea, Equatorial
		539	Guinea, Portuguese
		539	Guinea, Spanish
		331	Guyana
		H	
		242	Haiti
		099	Hawaii
		099	HI (Hawaii)
		432	Holland
		447	Holy See
		252	Honduras, British
		253	Honduras, NOS
		683	Hong Kong
		475	Hungary
		I	
		053	IA (Iowa)
		421	Iceland
		081	ID (Idaho)
		081	Idaho
		061	IL (Illinois)
		061	Illinois
		045	IN (Indiana)
		641	India
		045	Indiana
		673	Indies, Dutch East
		660	Indochina
		673	Indonesia
		053	Iowa
		637	Iran
		627	Iraq
		620	Iraq-Saudi Arabia Neutral Zone
		404	Ireland, Northern
		410	Ireland, NOS
		410	Ireland, Republic of
		583	Issas, Afars and
		401	Isle of Man
		631	Israel
		583	Issas
		447	Italy
		539	Ivory Coast
		J	
		244	Jamaica
		423	Jan Mayen
		693	Japan
		673	Java
		401	Jersey
		631	Jewish Palestine (former)
		127	Johnston Atoll
		625	Jordan
		453	Jugoslavia
		K	
		539	Kameroon
		663	Kampuchea
		065	Kansas
		634	Kazakh S.S.R.
		634	Kazakhstan

711	Keeling Islands	470	Mainland Europe, other	620	Middle East, NOS
047	Kentucky	555	Malagasy Republic	132	Midway Islands
575	Kenya	551	Malawi	060	Midwest U.S., Central
634	Kirghiz S.S.R.	671	Malay Peninsula	050	Midwest U.S., Northern
122	Kiribati	671	Malaysia	070	Midwest U.S., Southern
695	Korea	640	Maldives	052	Minnesota
695	Korea, North	520	Mali	249	Miquelon
695	Korea, South	491	Malta	039	Mississippi
065	KS (Kansas)	224	Manitoba	063	Missouri
629	Kuwait	129	Mariana Islands, Northern	052	MN (Minnesota)
047	KY (Kentucky)	221	Maritime provinces	063	MO (Missouri)
634	Kyrgyzstan	131	Marshall Islands	456	Moldavia, former U.S.S.R.
634	Kyrgyz	245	Martinique	456	Moldavia, NOS
	L	021	Maryland	449	Moldavia, Romanian
073	LA (Louisiana)	005	Massachusetts	456	Moldavian S.S.R.
221	Labrador	520	Mauritania	456	Moldova
661	Laos	580	Mauritius	441	Monaco
420	Lapland	580	Mayotte	691	Mongolia
265	Latin America, NOS	224	MB (Manitoba)	056	Montana
459	Latvia	021	MD (Maryland)	453	Montenegro
459	Latvian S.S.R.	002	ME (Maine)	245	Montserrat
623	Lebanon	490	Mediterranean islands, other	452	Moravia
245	Leeward Islands, NOS	721	Melanesia	511	Morocco
545	Lesotho	721	Melanesian Islands (except U.S. possessions, codes 120-139)	080	Mountain states, U.S.
539	Liberia	610	Mesopotamia	553	Mozambique
517	Libya	230	Mexico	129	MP (Northern Mariana Islands)
437	Liechtenstein	131	MH (Marshall Islands)	039	MS (Mississippi)
122	Line Islands, Southern	041	MI (Michigan)	056	MT (Montana)
461	Lithuania	041	Michigan	629	Muscat, Oman and
461	Lithuanian S.S.R.	723	Micronesia (except U.S. possessions, codes 120-139)	649	Myanmar
073	Louisiana	123	Micronesia, Federated States of (U.S. possession)		N
434	Luxembourg	723	Micronesian Islands (except U.S. possessions, codes 120-139)	633	Nagorno-Karabakh
	M	640	Mid-East Asia	545	Namibia
005	MA (Massachusetts)			133	Nampo-Shoto, Southern
686	Macao			545	Natal
686	Macau			723	Nauru
453	Macedonia			221	NB (New Brunswick)
555	Madagascar			025	NC (North Carolina)
445	Madeira Islands			054	ND (North Dakota)
002	Maine				

067	NE (Nebraska)	040	North Central U.S.	P
610	Near East	054	North Dakota	014
067	Nebraska	695	North Korea	120
643	Nepal	010	North Mid-Atlantic U.S.	Pacific area, U.S. possessions
432	Netherlands	711	Northeast New Guinea	090
245	Netherlands Antilles	001	Northeast U.S.	Pacific Coast U.S.
332	Netherlands Guiana	499	Northern Europe	720
620	Neutral Zone, Iraq-Saudi Arabia	404	Northern Ireland	Pacific islands, NOS (except U.S. possessions, codes 120-139)
085	Nevada	129	Northern Mariana Islands	123
245	Nevis	050	Northern Midwest U.S.	Pacific islands, Trust Territory of the
221	New Brunswick	549	Northern Rhodesia	645
725	New Caledonia	225	Northwest Territories	Pakistan, East
001	New England	423	Norway	639
711	New Guinea, Australian	998	Not United States, NOS	Pakistan, NOS
711	New Guinea, Northeast	221	Nova Scotia	639
673	New Guinea, NOS	221	NS (Nova Scotia)	139
711	New Guinea, Papua	225	NT (Northwest Territories)	Palau
003	New Hampshire	227	NU (Nunavut)	625
721	New Hebrides	227	Nunavut	Palestine, Arab (former)
008	New Jersey	085	NV (Nevada)	631
086	New Mexico	011	NY (New York)	Palestine, Jewish (former)
011	New York	551	Nyasaland	631
715	New Zealand			Palestine National Authority
221	Newfoundland		O	631
003	NH (New Hampshire)	720	Oceania (except U.S. possessions, codes 120-139)	Palestine, NOS
255	Nicaragua	043	OH (Ohio)	257
520	Niger	043	Ohio	Panama
531	Nigeria	075	OK (Oklahoma)	711
715	Niue	693	Okinawa	Papua New Guinea
008	NJ (New Jersey)	075	Oklahoma	371
221	NL (Newfoundland/Labrador)	629	Oman and Muscat	Paraguay
086	NM (New Mexico)	223	ON (Ontario)	221
711	Norfolk Islands	223	Ontario	PE (Prince Edward Island)
510	North Africa	095	OR (Oregon)	014
260	North America	545	Orange Free State	Pennsylvania
240	North American islands, NOS	095	Oregon	629
671	North Borneo	403	Orkney Islands	People's Democratic Republic of Yemen
025	North Carolina			682
				People's Republic of China
				637
				Persia
				629
				Persian Gulf States, NOS
				351
				Peru
				675
				Philippine Islands
				675
				Philippines
				122
				Phoenix Islands
				725
				Pitcairn
				631
				PNA (Palestine National Authority)
				451
				Poland
				725
				Polynesia, French

720	Polynesia, NOS (except U.S. possessions, codes 120-139)	455	Russian Federation, former U.S.S.R.	581	Somali Republic
725	Polynesian islands (except U.S. possessions, codes 120-139)	445	Russian S.F.S.R.	581	Somalia
445	Portugal	577	Rwanda	583	Somaliland, French
539	Portuguese Guinea	134	Ryukyu Islands	581	Somaliland, NOS
101	PR (Puerto Rico)		S	540	South Africa, NOS
224	Prairie provinces	520	Sahara, Spanish	545	South Africa, Republic of
221	Prince Edward Island	520	Sahara, Western	545	South Africa, Union of
543	Principe	245	St. Christopher-Nevis	300	South America
101	Puerto Rico	580	St. Helena	380	South American islands
139	PW (Palau)	245	St. Kitts	026	South Carolina
	Q	245	St. Lucia	055	South Dakota
629	Qatar	245	St. Lucia	695	South Korea
222	QC (Quebec)	249	St. Pierre	020	South Mid-Atlantic U.S.
222	Quebec	245	St. Vincent	545	South West Africa
	R	121	Samoa, American	650	Southeast Asia
684	Republic of China	725	Samoa, Western	030	Southeastern U.S.
682	Republic of China, People's	447	San Marino	499	Southern Europe
410	Republic of Ireland	543	Sao Tome	122	Southern Line Islands
545	Republic of South Africa	447	Sardinia	070	Southern Midwest U.S.
629	Republic of Yemen, People's Democratic	224	Saskatchewan	133	Southern Nampo-Shoto
580	Reunion	629	Saudi Arabia	547	Southern Rhodesia
006	Rhode Island	026	SC (South Carolina)	629	Southern Yemen
549	Rhodesia, Northern	420	Scandinavia	- - -	Soviet Union, former (See individual republics.)
547	Rhodesia, NOS	403	Scotland	443	Spain
547	Rhodesia, Southern	055	SD (South Dakota)	539	Spanish Guinea
006	RI (Rhode Island)	539	Senegal	520	Spanish Sahara
539	Rio Muni	453	Serbia	647	Sri Lanka
440	Romance-language countries	580	Seychelles	- - -	St.____: listed as if "Saint____"
449	Romania	403	Shetland Islands	520	Sudan
449	Romanian Moldavia	651	Siam	520	Sudan, Anglo-Egyptian
577	Ruanda	447	Sicily	520	Sudanese countries
449	Rumania	539	Sierra Leone	673	Sumatra
455	Russia, NOS	643	Sikkim	332	Surinam
457	Russia, White	671	Singapore	423	Svalbard
		224	SK (Saskatchewan)	135	Swan Islands
		450	Slavic countries	545	Swaziland
		453	Slavonia	427	Sweden
		452	Slovak Republic		
		452	Slovakia		
		453	Slovenia		
		721	Solomon Islands		

Y

- 629 Yemen

- 629 Yemen, People's
Democratic
Republic of
- 629 Yemen, Southern
- 225 YT (Yukon Territory)
- 453 Yugoslavia
- 225 Yukon Territory

Z

- 541 Zaire
- 549 Zambia
- 571 Zanzibar
- 547 Zimbabwe

Appendix B

[formerly Paired Organ Sites -- These tables were moved into Laterality, page 83).]

Appendix C

Common Acceptable Abbreviations

NAACCR encourages abstractors to use abbreviations in narrative fields when those abbreviations are understandable to all parties who may later read the information.

sources: California Cancer Registry; Florida Cancer Data System; *ICD-O-3*;
Merriam-Webster's Medical Desk Dictionary; NAACCR Recommendations;
Stedman's Medical Dictionary, 27th Ed.; *SEER Program Coding and Staging Manual 2004*

Common Acceptable Abbreviations
(in order of term)

Abdomen; Abdominal	ABD	Amputation	AMP
Abdominal Perineal	AP	Amyotrophic Lateral Sclerosis	ALS
Abelson Murine Leukemia Oncogene	ABL	Anal Intraepithelial Neoplasia	AIN
Abnormal	ABN	Anaplastic	ANAP
Above Knee (Amputation)	AK(A)	Angiography; Angiogram	ANGIO
Absent; Absence	ABS	Angioimmunoblastic Lymphadenopathy	AIL
Abstract; Abstracted	ABST	Angioimmunoblastic Lymphadenopathy with Dysproteinemia	AILD
Achilles Tendon Reflex	ATR	Anterior	ANT
Acid Phosphatase	ACID PHOS	Anteroposterior	AP
Acquired Idiopathic Sideroblastic Anemia	AISA	Antidiuretic Hormone	ADH
Acquired Immune Deficiency Syndrome	AIDS	Antigen	AG
Activities of Daily Living/Life	ADL	Aortic Stenosis	A-STEN
Acute Granulocytic Leukemia	AGL	Apparently	APPLY
Acute Lymphocytic Leukemia	ALL	Appendix	APP
Acute Myeloid Leukemia	AML	Approximately	APPROX
Acute Myocardial Infarction	AMI	Arrhythmia	ARRHY
Acute Renal Failure	ARF	Arterial Blood Gases	ABG
Acute Respiratory Distress/Disease Syndrome	ARDS	Arteriosclerotic Cardiovascular Disease	ASCVD
Acute Tubular Necrosis	ATN	Arteriosclerotic Heart Disease	ASHD
Adenocarcinoma	ADENOCA	Arteriosclerotic Peripheral Vascular Disease	ASPVD
Adenosine Triphosphate	ATP	Arteriosclerosis; Arteriosclerotic	AS
Adjacent	ADJ	Arteriovenous	AV
Admission; Admit	ADM	Arteriovenous Malformation	AVM
Adrenal Cortical Hormone	ACH	Artery; Arterial	ART
Adrenal Cortex	AC	As Soon As Possible	ASAP
Adrenocorticotrophic Hormone	ACTH	Aspiration	ASP
Adult-Onset Diabetes Mellitus	AODM	Aspirin (Acetylsalicylic Acid)	ASA
Affirmative	AFF	Atrial Fibrillation	A FIB
Against Medical Advice	AMA	Atrial Flutter	A FLUTTER
Aggressive Systemic Mastocytosis	ASM	Atrial Insufficiency/Incompetance	AI
Agnogenic Myeloid Metaplasia	AMM	Atrial Premature Complexes	APC
AIDS-Related Complex/Condition	ARC	Atrial Stenosis (Insufficiency)	AI
AIDS-Related Disease	ARD	Auscultation and Percussion	A&P
Air Contrast Barium Enema	ACBE	Autoimmuno Hemolytic Anemia	AIHA
Albumin	ALB	Autonomic Nervous System	ANS
Alcohol	ETOH	Autopsy	AUT
Alkaline Phosphatase	ALK PHOS	Average	AVG
Alpha-Fetoprotein	AFP, α FP	Axilla(ry)	AX
Also Known As	AKA	B-cell Chronic Lymphocytic Leukemia	BCLL
Ambulatory	AMB		
Amount	AMT		

Bacillus Calmette-Guérin	BCG	Central Primitive Neuroectodermal Tumor	CPNET
Barium	BA	Cerebrospinal Fluid	CSF
Barium Enema	BE	Cerebrovascular Accident	CVA
Bartholin, Urethral, & Skene Glands	BUS	Cervical Intraepithelial Neoplasia	CIN
Basal Cell Carcinoma	BCC	Cervical Vertebrae	C1-C7
Before Noon	AM	Cervix	CX
Below Knee (Amputation)	BK(A)	Cesium	CS
Benign Prostatic Hypertrophy/Hyperplasia	BPH	Change	CHG
(beta) Human Chorionic Gonadotropin	β hCG, BhCG	Chemotherapy	CHEMO
Bilateral	BIL	Chest X-Ray	CXR
Bilateral Salpingo-Oophorectomy	BSO	Chief Complaint	CC
Bile Duct	BD	Chronic	CHR
Biological Response Modifier	BRM	Chronic Granulocytic Leukemia	CGL
Biopsy	BX	Chronic Lymphocytic Leukemia	CLL
Bipolar Affective Disorder	BAD	Chronic Myeloid Leukemia	CML
Black Female	B/F	Chronic Myleomonocytic Leukemia	CMML
Black Male	B/M	Chronic Myeloproliferative Disease	CMD
Bladder Tumor	BT	Chronic Obstructive Lung Disease	COLD
Blood Pressure	BP	Chronic Obstructive Pulmonary Disease	COPD
Blood Urea Nitrogen	BUN	Chronic Renal Failure	CRF
Blood Volume	BV	Chronic Ulcerative Colitis	CUC
Bone Marrow	BM	Cigarettes	CIG
Bone Scan	BSC	Clear	CLR
Bowel Movement	BM	Cluster of Differentiation	CD
Bowel Sounds	BS	Cobalt-60	CO60
Breakpoint Cluster Region	BCR	Colon	
Breath Sounds	BS, BRS	Ascending	A-COLON
Bright Red Blood	BRB	Descending	D-COLON
Bright Red Blood (per Rectum)	BRB(PR)	Sigmoid	S-COLON; SIG COLON
Bronchial-Associated Lymphoid Tissue	BALT	Transverse	T-COLON; TRANS COLON
Brother	BRO	Colony-Stimulating Factor	C-SF
Burkitt type Acute Lymphoblastic Leukemia	B-ALL	Common Acute Lymphocytic Leukemia	C-ALL
Calcium	CA	Common Bile Duct	CBD
Capsule(s)	CAP(S)	Complaining/Complaint Of	C/O
Carcinoembryonic Antigen	CEA	Complete Blood Count	CBC
Carcinoma	CA	Computerized Axial Tomography Scan	CT, CAT SCAN
Carcinoma <i>in Situ</i>	CIS	Congenital Heart Disease	CHD
Carcinoma Showing Thymus-Like Element	CASTLE	Congestive Heart Failure	CHF
Cardiovascular Disease	CVD	Consistent With	C/W
CAT Scan	CAT; CT; CT SC	Continue; Continuous	CONT
Centimeter	CM; cm	Contralateral	CONTRA
Central Nervous System	CNS	Core Binding Factor	CBF
		Coronary Artery Bypass Graft	CABG

Coronary Artery Disease	CAD	Esophagogastroduodenoscopy	EGD
Coronary Care Unit	CCU	Estrogen Receptor (Assay)	ER(A)
Costal Margin	CM	Evaluation	EVAL
Cubic Centimeter	CC	Every	Q
Cystic Fibrosis	CF	Every Day	QD
Cystoscopy	CYSTO	Examination	EXAM
Cytology	CYTO	Examination Under Anesthesia	EUA
Cytomegalovirus	CMV	Excision; Excise(d)	EXC(D)
Date of Birth	DOB	Expired; Died	EXP
Date of Death	DOD	Exploratory	EXPL
Dead on Arrival	DOA	Exploratory Laparotomy	EXP LAP; EXPL LAP
Decrease(d)	DECR (or <)	Extend; Extension	EXT
Deep Tendon Reflex	DTR	Extended Care Facility	ECF
Deep Vein Thrombosis	DVT	External	EXT
Deoxyribonucleic Acid	DNA	Extramedullary Plasmacytoma	EMP
Dermatology	DERM	Extremity	EXT
Diabetes Mellitus	DM	Eyes, Ears, Nose, and Throat	EENT
Diagnosis	DX	Family (Medical) History	F(M)H
Diameter	DIAM	Fever of Unknown Origin	FUO
Died; Expired	EXP	Fine Needle Aspiration	FNA
Diethylstilbrestrol	DES	Fine Needle Aspiration Biopsy	FNAB
Differentiated; Differential	DIFF	Fingerbreadth	FB
Diffuse Large B-Cell Lymphoma	DLBCL	Floor Of Mouth	FOM
Digital Rectal Exam	DRE	Fluid	FL
Dilation (Dilatation) and Curettage	D&C	Fluorescent In Situ Hybridization	FISH
Discharge	DIS, DISCH, DS	Fluoroscopy	FLURO
Discontinue(d)	DC	Follicular Dendritic Cell	FDC
Disease	DZ, DIS	Follicular Dendritic Cell Tumor	FDCT
Disseminated Intravascular Coagulopathy	DIC	Follow-Up	FU
Doctor	DR, MD	For Example	e.g. (E.G.)
Ductal Carcinoma <i>in Situ</i>	DCIS	Fracture	FX
Ductal Intraepithelial Neoplasia	DIN	Frequent; Frequency	FREQ
Dyspnea On Exertion	DOE	Frozen Section	FS
Ear(s), Nose, and Throat	ENT	Full Thickness Skin Graft	FTSG
Eight; Twenty-One (8;21)	ETO	Gallbladder	GB
Electrocardiogram	ECG; EKG	Gastrin cell	G CELL
Electroencephalogram	EEG	Gastroenterostomy	GE
Electromyogram	EMG	Gastroesophageal	GE
Emergency Room	ER	Gastroesophageal Reflux Disease	GERD
End Stage Renal Disease	ESRD	Gastrointestinal	GI
Endoscopic Retrograde	ENDO	Gastrointestinal Autonomic Nerve Tumor	GANT
Endoscopic Retrograde Cholangiopancreatography	ERCP	Gastrointestinal Stromal Tumor	GIST
Enlarged	ENL; ENLGD	General; Generalized	GEN
Enterochromaffin	EC	Genitourinary	GU
Enterochromaffin-Like	ECL	Grade	GR

Gram	GM	Inflammatory Bowel Disease	IBD
Gynecology	GYN	Inpatient	IP
Head, Eyes, Ears, Nose, Throat	HEENT	Insulin-Dependent Diabetes Mellitus	IDDM
Heavy Chain Disease	HCD	Intensive Care Unit	ICU
Hematocrit	HCT	Intercostal Margin	ICM
Hemoglobin	HGB	Intercostal Space	ICS
Hepatic Artery Embolization	HEA	Interdigitating Dendritic Cell Sarcoma	IDCS
Hepatitis A/B/C/D Virus	HAV; HBV; HCV; HDV	Intermittent Positive Pressure Breathing	IPPB
Hepatosplenomegaly	HSM	Internal	INT
High Intensity Focused Ultrasonography	HIFU	Internal Mammary Artery	IMA
History	HX	Interstitial Lung Disease	ILD
History and Physical	H&P	Intramuscular	IM
History Of	HO; H/O	Intrathecal	IT
History of Present Illness	HPI	Intravenous	IV
Hormone	HORM	Intravenous Cholangiogram	IVCA
Hospital	HOSP	Intravenous Pyelogram	IVP
Hour(s)	HR; HRS	Invade(s); Invading; Invasion	INV
Human Chorionic Gonadotropin	HCG, hCG	Involve(s); Involving; Involvement	INVL
Human Immunodeficiency Virus	HIV	Iodine	I, IOD
Human Papilloma Virus	HPV	Ipsilateral	IPSI
Human T-Lymphotropic Virus (Type III)	HTLV(-III)	Irregular	IRREG
Hypereosinophilic Syndrome	HES	Jugular Venous Distention	JVD
Hypertension	HTN	Juvenile Myelomonocytic Leukemia	JMML
Hypertensive Cardiovascular Disease	HCVD	Juvenile Rheumatic Arthritis	JRA
Hypertensive Vascular Disease	HVD	Kaposi Sarcoma	KS
Hysterectomy	HYST	Kidneys, Ureters, Bladder	KUB
Idiopathic Hypereosinophilic Syndrome	IHS, IHES	Kilogram	KG
Idiopathic Hypertrophic Subaortic Stenosis	IHSS	Kilovolt	KV
Idiopathic Thrombocytopenia	ITP	Lactic/Lactate Dehydrogenase	LDH
Immunoblastic Lymphadenopathy	IBL	Laparotomy	LAP
Immunoglobulin	IG	Large	LG
Immunohistochemical	IHC	Last Menstrual Period	LMP
Immunoproliferative Small Intestinal Disease	IPSID	Lateral	LAT
Impression	IMP	Lactic Dehydrogenase	LDH
Incision and Drainage	I&D	Langerhans Cell Histiocytosis	LCH
Includes, Including	INCL	Large	LRG
Increase(d)	INCR (or >)	Last Menstrual Period	LMP
Indolent Systemic Mastocytosis	ISM	Lateral	LAT
Inferior	INF	Left	L, LT
Inferior Vena Cava	IVC	Left Bundle Branch Block	LBBB
Infiltrating	INFILT	Left Costal Margin	LCM
		Left Lower Extremity	LLE
		Left Lower Lobe	LLL
		Left Lower Quadrant	LLQ
		Left Salpingo-oophorectomy	LSO
		Left Upper Extremity	LUE

Left Upper Lobe	LUL	Milliliter	ML; ml; mL
Left Upper Outer Quadrant	LUOQ	Millimeter	MM; mm
Left Upper Quadrant	LUQ	Million Electron Volts	MEV
Linear Accelerator	LINAC	Minimum	MIN
Liter	L	Minute	MIN
Liver, Kidney, Spleen (Bladder)	LKS(B)	Mitral Valve Prolapse	MVP
Liver/Spleen Scan	LS SCAN	Mixed Combined Immunodeficiency	MCID
Lobular Carcinoma <i>in Situ</i>	LCIS	Mixed Connective Tissue Disease	MCTD
Local M.D.	LMD	Moderate(ly)	MOD
Long-Term Care Facility	LTCF	Moderately Differentiated	MD, MOD DIFF
Lower Extremity	LE	Modified Radical Mastectomy	MRM
Lower Inner Quadrant	LIQ	Monoclonal Gammopathy of Undetermined Significance	MGUS
Lower Outer Quadrant	LOQ	Multifocal Arterial Tachycardia	MAT
Lumbar Puncture	LP	Mucosal-Associated Lymphoid Tissue	MALT
Lumbar Spine	L-SPINE	Myelodysplastic Syndrome	MDS
Lumbar Vertebrae	L1-L5	Myosin, Heavy Polypeptide 11	MYH11
Lumbosacral	LS	Natural Killer	NK
Lupus Erythematosus	LUP ERYTH	Nausea and Vomiting	N&V
Lymphadenopathy-Associated Virus	LAV	Neck Vein Distention	NVD
Lymph Node(s)	LN(S)	Negative	NEG (or —)
Lymph Node Dissection	LND	Neurology	NEURO
Macrophage Colony-Stimulating Factor	M-CSF	No Evidence of Disease	NED
Magnetic Resonance Imaging	MRI	Normal	NL
Magnetic Resonance Cholangiopancreatography	MRCP	No Significant Findings	NSF
Main Stem Bronchus	MSB	No Specific Type	NST
Malignant	MALIG, MAL	Not Applicable	NA
Malignant Histiocytosis	MH	Not Otherwise Specified	NOS
Malignant Peripheral Nerve Sheath Tumor	MPNST	Not Recorded	NR
Mandible; Mandibular	MAND	Obstructed (-ing, ion)	OBST
Mast Cell Leukemia	MCL	Operating Room	OR
Mast Cell Sarcoma	MCS	Operation	OP
Mastectomy	MAST	Operative Report	OP REPORT
Maxilla(ry)	MAX	Ounce	OZ
Maximum	MAX	Outpatient	OP
Medical Doctor	DR, MD	Packs per Day	PPD
Medication(s); Medicine	MED(S)	Palpated (-able)	PALP
Metastatic; Metastases; Metastasis	MET; METS	Papanicolaou Smear	PAP
Methicillin Resistant Staphylococcus Aureus	MRSA	Papillary	PAP
Microgram	MCG; µg	Past Medical History	PMH
Microscopic	MICRO	Pathology	PATH
Midclavicular Line	MCL	Patient	PT
Middle Lobe	ML	Pelvic Inflammatory Disease	PID
Millicurie (hours)	MC(H); mC(H)	Percussion and Auscultation	P&A
Milligram (hours)	MG(H); mg(H)	Percutaneous	PERC
		Percutaneous Ethanol Injection	PEI

Peripheral Blood Stem Cell Transplant	PBSCT	Blasts in Transformation	RAEB-T
Peripheral Primitive Neuroectodermal Tumor	PPNET	Refractory Anemia with Ringed Sideroblasts	RARS
Personal/Primary Medical Doctor	PMD	Refractory Anemia with Sideroblasts	RAS
Photodynamic Therapy	PDT	Refractory Cytopenia with Multilineage Dysplasia	RCMD
Physical Examination	PE	Resection	RESEC
Plasma Cell Labeling Index	PCLI	Respiratory	RESPIR
Plasma Cell Leukemia	PCL	Retinoic Acid Receptor, Alpha	RARA
Platelets	PLT	Review of Outside Films	ROF
Polymerase Chain Reaction	PCR	Review of Outside Slides	ROS
Polyneuropathy, Organomegaly, Endocrinopathy, Monoclonal gammopathy, Skin changes	POEMS	Review of Systems	ROS
Poorly Differentiated	PD, POOR DIFF	Right	R, RT
Positive	POS (or +)	Right Costal Margin	RCM
Positron Emission Tomography	PET	Right Lower Extremity	RLE
Possible	POSS	Right Lower Lobe	RLL
Posterior	POST	Right Lower Quadrant	RLQ
Posteroanterior	PA	Right Middle Lobe	RML
Postmortem Examination	POST	Right Salpingo-oophorectomy	RSO
Postoperative (-ly)	PO, POSTOP	Right Upper Extremity	RUE
Postoperative Day	POD	Right Upper Lobe	RUL
Preoperative (-ly)	PREOP	Right Upper Quadrant	RUQ
Present Illness	PI	Rule(s) Out	RO, R/O
Primary Myelofibrosis	PMF	Sacral Vertebra	S1-S5
Primitive Neuroectodermal Tumor	PNET	Salpingo-oophorectomy	SO
Prior to Admission	PTA	Scintimammography	SMM
Probable (-ly)	PROB	Selective Internal Radiation Therapy	SIRT
Progesterone Receptor (Assay)	PR(A)	Sequential Multiple Analysis (Biochem Profile)	SMA
Promyelocytic Leukemia	PML	Serum Glutamic Oxaloacetic Transaminase	SGOT
Prostatic Intraepithelial Neoplasia	PIN	Serum Glutamic Pyruvic Transaminase	SGPT
Psoralen, Ultraviolet-A light	PUVA	Shortness of Breath	SOB
Pulmonary	PULM	Single-photon-emission Computed Tomography	SPECT
Pulmonary Artery	PA	Skilled Nursing Facility	SNF
Radiation	RAD	Skin-Associated Lymphoid Tissue	SALT
Radiation Absorbed Dose	RAD	Specimen	SPEC
Radiation Therapy	RT	Split Thickness Skin Graft	STSG
Radical	RAD	Small	SM, SML
Radiofrequency Ablation	RFA	Small Bowel	SB, SML BWL
Radiofrequency Interstitial Tissue Ablation	RITA	Spindle Epithelial Tumor with Thymus-Like Element	SETTLE
Radioimmunoassay	RIA	Spine	
Radioimmunotherapy	RIT	Cervical	C-SPINE
Radium	RA	Lumbar	L-SPINE
Red Blood Cells	RBC	Sacral	S-SPINE
Refractory Anemia	RA	Thoracic	T-SPINE
Refractory Anemia with Excess Blasts	RAEB	Squamous	SQ, SQUAM
Refractory Anemia with Excess			

Squamous Cell Carcinoma	SCC	Waldenstrom Macroglobulinemia	WM
Status Post	S/P	Well Differentiated	WD, WELL DIFF
Subcutaneous	SUB-Q, SUBQ, SQ	White Blood Cells	WBC
Superior Vena Cava	SVC	With	W/
Surgery, Surgical	SURG	Within Normal Limits	WNL
Symptoms	SX	Without	W/O
Systemic Mastocytosis with Associated clonal, Hematological Non-Mast-cell lineage Disease	SM-AHNMD	Work-Up	W/U
Systemic tissue Mast Cell Disease	SMCD	X-Ray	XR
Thoracic	T	Year	YR
Thoracic Vertebra	T1-T12		
Total Abdominal Hysterectomy- Bilateral Salpingo-oophorectomy	TAH-BSO	Symbols	
Total Parenteral Nutrition	TPN	above, elevated, increased, superior (position), upper	^, ↑
Total Vaginal Hysterectomy	TVH	below, decreased, inferior (position), lower	V, ↓
Transurethral Cell Carcinoma	TCC	causes, distal, greater than, toward	>
Transurethral Microwave Thermotherapy (Treatment)	TUMT	caused by, less than, proximal	<
Transurethral Needle Ablation	TUNA	causes, distal, toward	→
Transurethral Resection	TUR	caused by, proximal	←
Transurethral Resection Bladder (Tumor)	TURB(T)	negative, through	-
Transurethral Resection Prostate	TURP	positive, plus	+
Treatment	RX, TX	left upper quadrant	┌
Tumor Size	TS	left lower quadrant	└
Undifferentiated	UNDIFF	right upper quadrant	┐
Upper Extremity	UE	right lower quadrant	┘
Upper Gastrointestinal	UGI	at	@
Upper Inner Quadrant	UIQ	and	&
Upper Outer Quadrant	UOQ	comparison	/
Vagina, Vaginal	VAG	equal	=
Vaginal Hysterectomy	VAG HYST	number (before numeral), pounds (after numeral)	#
Vaginal Intraepithelial Neoplasia	VAIN	times	X
Vascular	VASC		
Vulvar Intraepithelial Neoplasia	VIN		

Common Acceptable Abbreviations
(in order of abbreviation)

A FIB	Atrial Fibrillation	AMB	Ambulatory
A FLUTTER	Atrial Flutter	AMI	Acute Myocardial Infarction
A&P	Auscultation and Percussion	AML	Acute Myeloid Leukemia
ABD	Abdomen; Abdominal	AMM	Agnogenic Myeloid Metaplasia
ABG	Arterial Blood Gases	AMP	Amputation
ABL	Abelson Murine Leukemia oncogene	AMT	Amount
ABN	Abnormal	ANAP	Anaplastic
ABS	Absent; Absence	ANGIO	Angiography; Angiogram
ABST	Abstract; Abstracted	ANS	Autonomic Nervous System
AC	Adrenal Cortex	ANT	Anterior
ACBE	Air Contrast Barium Enema	AODM	Adult-Onset Diabetes Mellitus
ACH	Adrenal Cortical Hormone	AP	Abdominal Perineal; Anteroposterior
ACID PHOS	Acid Phosphatase	APC	Atrial Premature Complexes
A-COLON	Ascending Colon	APP	Appendix
ACTH	Adrenocorticotrophic Hormone	APPL'Y	Apparently
ADENOCA	Adenocarcinoma	APPROX	Approximately
ADH	Antidiuretic Hormone	ARC	AIDS-Related Complex/Condition
ADJ	Adjacent	ARF	Acute Renal Failure
ADL	Activities of Daily Living/Life	ARD	AIDS-Related Disease
ADM	Admission; Admit	ARDS	Acute Respiratory Distress/Disease Syndrome
AFF	Affirmative	ARRHY	Arrhythmia
AFP, α FP	Alpha-Fetoprotein	ART	Artery; Arterial
AG	Antigen	AS	Arteriosclerosis; Arteriosclerotic
AGL	Acute Granulocytic Leukemia	ASA	Aspirin (Acetylsalicylic Acid)
AI	Atrial Insufficiency/-Incompetence/Stenosis	ASAP	As Soon As Possible
AIDS	Acquired Immune Deficiency Syndrome	ASCVD	Arteriosclerotic Cardiovascular Disease
AIHA	Autoimmuno Hemolytic Anemia	ASHD	Arteriosclerotic Heart Disease
AIL	Angioimmunoblastic Lymphadenopathy	ASM	Aggressive Systemic Mastocytosis
AILD	Angioimmunoblastic Lymphadenopathy with Dysproteinemia	ASP	Aspiration
AIN	Anal Intraepithelial Neoplasia	ASPVD	Arteriosclerotic Peripheral Vascular Disease
AISA	Acquired Idiopathic Sideroblastic Anemia	A-STEN	Aortic Stenosis
AK(A)	Above Knee (Amputation)	ATN	Acute Tubular Necrosis
AKA	Also Known As	ATP	Adenosine Triphosphate
ALB	Albumin	ATR	Achilles Tendon Reflex
ALK PHOS	Alkaline Phosphatase	AUT	Autopsy
ALL	Acute Lymphocytic Leukemia	AV	Arteriovenous
ALS	Amyotrophic Lateral Sclerosis	AVG	Average
AM	Before Noon	AVM	Arteriovenous Malformation
AMA	Against Medical Advice	AX	Axilla(ry)

BA	Barium	CBC	Complete Blood Count
BAD	Bipolar Affective Disorder	CBD	Common Bile Duct
B-ALL	Burkitt type Acute Lymphocytic Leukemia	CBF	Core Binding Factor
BALT	Bronchial-Associated Lymphoid Tissue	CC	Chief Complaint; Cubic Centimeter
BCC	Basal Cell Carcinoma	CCU	Corony Care Unit
BCG	Bacillus Calmette-Guerin	CD	Cluster of Differentiation
BCLL	B-cell Chronic Lymphocytic Leukemia	CEA	Carcinoembryonic Antigen
BCR	Breakpoint Cluster Region	CF	Cystic Fibrosis
BD	Bile Duct	CGL	Chronic Granulocytic Leukemia
BE	Barium Enema	CHD	Congenital Heart Disease
B/F	Black Female	CHEMO	Chemotherapy
βhCG, BHCG	(beta) Human Chorionic Gonadotropin	CHF	Congestive Heart Failure
BIL	Bilateral	CHG	Change
BK(A)	Below Knee (Amputation)	CHR	Chronic
B/M	Black Male	CIG	Cigarettes
BM	Bone Marrow; Bowel Movement	CIN	Cervical Intraepithelial Neoplasia
BP	Blood Pressure	CIS	Carcinoma In Situ
BPH	Benign Prostatic Hypertrophy/Hyperplasia	CLL	Chronic Lymphocytic Leukemia
BRB	Bright Red Blood	CLR	Clear
BRB(PR)	Bright Red Blood (per Rectum)	CM	Centimeter; Costal Margin
BRM	Biological Response Modifier	CMD	Chronic Myeloproliferative Disease
BRO	Brother	CML	Chronic Myeloid Leukemia
BRS	Breath Sounds	CMML	Chronic Myleomonocytic Leukemia
BS	Breath Sounds; Bowell Sounds	CMV	Cytomegalovirus
BSC	Bone Scan	CNS	Central Nervous System
BSO	Bilateral Salpingo-Oophorectomy	C/O	Complaining/Complaint Of
BT	Bladder Tumor	CO60	Cobalt-60
BUN	Blood Urea Nitrogen	COLD	Chronic Obstructive Lung Disease
BUS	Bartholin, Urethral, & Skene Glands	CONT	Continue; Continuous
BV	Blood Volume	CONTRA	Contralateral
BX	Biopsy	COPD	Chronic Obstructive Pulmonary Disease
C	With	CPNE	Central Primitive Neuroectodermal Tumor
C1-C7	Cervical Vertebrae	CRF	Chronic Renal Failure
CA	Calcium; Carcinoma	CS	Cesium
CABG	Coronary Artery Bypass Graft	C-SF	Colony-Stimulating Factor
CAD	Coronary Artery Disease	CSF	Cerebrospinal Fluid
C-ALL	Common Acute Lymphocytic Leukemia	C-SPINE	Cervical Spine
CAP(S)	Capsule(s)	CT; CT SC	Computerized Axial Tomography Scan
CASTLE	Carcinoma Showing Thymus-Like Element	CUC	Chronic Ulcerative Colitis
CAT; CAT SCAN	Computerized Axial Tomography Scan	CVA	Cerebrovascular Accident
		CVD	Cardiovascular Disease
		C/W	Consistent With
		CX	Cervix
		CXR	Chest X-Ray

CYSTO	Cystoscopy		
CYTO	Cytology		
D&C	Dilatation (Dilation) and Curettage	ERCP	Endoscopic Retrograde Cholangiopancreatography
DC	Discontinue(d)	ESRD	End Stage Renal Disease
DCIS	Ductal Carcinoma <i>in Situ</i>	ETO	Eight; Twenty-One (8;21)
D-COLON	Descending Colon	ETOH	Alcohol
DECR (or <)	Decrease(d)	EUA	Examination Under Anesthesia
DERM	Dermatology	EVAL	Evaluation
DES	Diethylstilbrestrol	EXAM	Examination
DIAM	Diameter	EXC(D)	Excision; Excise(d)
	Disseminated Intravascular Coagulopathy	EXP	Expired; Died
DIC		EXP LAP	Exploratory Laparotomy
DIFF	Differentiated; Differential	EXPL	Exploratory
DIN	Ductal Intraepithelial Neoplasia	EXPL LAP	Exploratory Laparotomy
DIS	Disease		Extend; Extension; External; Extremity
DIS	Discharge	EXT	
DM	Diabetes Mellitus	FB	Fingerbreadth
DNA	Deoxyribonucleic Acid	FDC	Follicular Dendritic Cell
DISCH	Discharge	FDCT	Follicular Dendritic Cell Tumor
DLBCL	Diffuse Large B-Cell Lymphoma	FISH	Fluorescent In Situ Hybridization
DOA	Dead on Arrival	FL	Fluid
DOB	Date of Birth	FLURO	Fluoroscopy
DOD	Date of Death	F(M)H	Family (Medical) History
DOE	Dyspnea On Exertion	FNA	Fine Needle Aspiration
DR	Doctor	FNAB	Fine Needle Aspiration Biopsy
DRE	Digital Rectal Exam	FOM	Floor of Mouth
DS	Discharge	FREQ	Frequent; Frequency
DTR	Deep Tendon Reflex	FS	Frozen Section
DVT	Deep Vein Thrombosis	FTSG	Full Thickness Skin Graft
DX	Diagnosis	FU	Follow-up
DZ	Disease	FUO	Fever of Unknown Origin
EC	Enterochromaffin	FX	Fracture
ECF	Extended Care Facility	G CELL	Gastrin cell
ECG	Electrocardiogram		Gastrointestinal Autonomic Nerve Tumor
ECL	Enterochromaffin-Like	GANT	
EEG	Electroencephalogram	GB	Gallbladder
EENT	Eye(s), Ear(s), Nose, and Throat	GE	Gastroenterostomy; Gastroesophageal
E.G. (e.g.)	For Example	GEN	General; Generalized
EGD	Esophagogastroduodenoscopy	GERD	Gastroesophageal Reflux Disease
EKG	Electrocardiogram	GI	Gastrointestinal
EMG	Electromyogram	GIST	Gastrointestinal Stromal Tumor
EMP	Extramedullary Plasmacytoma	GM	Gram
ENDO	Endoscopic Retrograde	GR	Grade
ENL; ENLGD	Enlarged	GU	Genitourinary
ENT	Ear(s), Nose, and Throat	GYN	Gynecology
ER	Emergency Room	HAV	Hepatitis A Virus
ER(A)	Estrogen Receptor (Assay)		

HBV	Hepatitis B Virus	IM	Intramuscular
HCD	Heavy Chain Disease	IMA	Internal Mammary Artery
HCG, hCG	Human Chorionic Gonadotropin	IMP	Impression
HCT	Hematocrit	INCL	Includes, Including
HCV	Hepatitis C Virus	INCR (or >)	Increase(d)
HCVD	Hypertensive Cardiovascular Disease	INF	Inferior
HDV	Hepatitis D Virus	INFILT	Infiltrating
HEA	Hepatic Artery Embolization	INT	Internal
HEENT	Head, Eyes, Ears, Nose, Throat	INV	Invade(s); Invading; Invasion
HES	Hypereosinophilic Syndrome	INVL	Involve(s); Involving; Involvement
HGB	Hemoglobin	IOD	Iodine
HIFU	High Intensity Focused Ultrasonography	IP	Inpatient
HIV	Human Immunodeficiency Virus	IPPB	Intermittent Positive Pressure Breathing
HO; H/O	History of	IPSI	Ipsilateral
HORM	Hormone	IPSID	Immunoproliferative Small Intestinal Disease
HOSP	Hospital	IRREG	Irregular
H&P	History and Physical	ISM	Indolent Systemic Mastocytosis
HPI	History of Present Illness	IT	Intrathecal
HPV	Human Papilloma Virus	ITP	Idiopathic Thrombocytopenia
HR	Hour	IV	Intravenous
HRS	Hours	IVC	Inferior Vena Cava
HSM	Hepatosplenomegaly	IVCA	Intravenous Cholangiogram
HTLV(-III)	Human T-Lymphotropic Virus (Type III)	IVP	Intravenous Pyelogram
HTN	Hypertension	JMML	Juvenile Myelomonocytic Leukemia
HVD	Hypertensive Vascular Disease	JVD	Jugular Venous Distention
HX	History	JRA	Juvenile Rheumatic Arthritis
HYST	Hysterectomy	KG	Kilogram
I	Iodine	KS	Kaposi Sarcoma
I&D	Incision and Drainage	KUB	Kidneys, Ureters, Bladder
IBD	Inflammatory Bowel Disease	KV	Kilovolt
IBL	Immunoblastic Lymphadenopathy	L	Left; Liter
ICM	Intercostal Margin	L1-L5	Lumbar Vertebrae
ICS	Intercostal Space	LAP	Laparotomy
ICU	Intensive Care Unit	LAT	Lateral
IDCS	Interdigitating Dendritic Cell Sarcoma	LAV	Lymphadenopathy-Associated Virus
IDDM	Insulin-Dependent Diabetes Mellitus	LBBB	Left Bundle Branch Block
IG	Immunoglobulin	LCH	Langerhans Cell Histiocytosis
IHC	Immunohistochemical	LCIS	Lobular Carcinoma <i>in Situ</i>
IHES, IHS	Idiopathic Hypereosinophilic Syndrome	LCM	Left Costal Margin
IHSS	Idiopathic Hypertrophic Subaortic Stenosis	LDH	Lactic/Lactate Dehydrogenase
ILD	Interstitial Lung Disease	LE	Lower Extremity
		LG	Large
		LIQ	Lower Inner Quadrant
		LINAC	Linear Accelerator
		LKS(B)	Liver, Kidney, Spleen (Bladder)

LLE	Left Lower Extremity		
LLL	Left Lower Lobe	MGUS	Monoclonal Gammopathy of Undetermined Significance
LLQ	Left Lower Quadrant	MH	Malignant Histiocytosis
LMD	Local Medical Doctor	MICRO	Microscopic
LMP	Last Menstrual Period	MIN	Minimum; Minute
LN	Lymph Node	ML; ml; mL	Middle Lobe; Milliliter
LND	Lymph Node Dissection	MM; mm	Millimeter
LNS	Lymph Nodes	MOD	Moderate(ly)
LOQ	Lower Outer Quadrant	MOD DIFF	Moderately Differentiated
LP	Lumbar Puncture		Malignant Peripheral Nerve Sheath Tumor
LRG	Large	MPNST	
LS	Lumbosacral		Magnetic Resonance
L-SPINE	Lumbar Spine	MRCP	Cholangiopancreatography
LS SCAN	Liver/Spleen Scan	MRI	Magnetic Resonance Imaging
LSO	Left Salpingo-oophorectomy	MRM	Modified Radical Mastectomy
L-SPINE	Lumbar Spine		Methicillin Resistant Staphylococcus Aureus
LT	Left	MRSA	
LTCF	Long-Term Care Facility	MSB	Main Stem Bronchus
LUE	Left Upper Extremity	MVP	Mitral Valve Prolapse
LUL	Left Upper Lobe	MYH11	Myosin, Heavy Polypeptide 11
LUOQ	Left Upper Outer Quadrant	NA	Not Applicable
LUQ	Left Upper Quadrant	NED	No Evidence of Disease
LUP ERYTH	Lupus Erythematosus	NEG (or —)	Negative
	Macrophage Colony-Stimulating Factor	NEURO	Neurology
M-CSF		NK	Natural Killer
MAL	Malignant	NL	Normal
MALIG	Malignant	NOS	Not Otherwise Specified
	Mucosal-Associated Lymphoid Tissue	NR	Not Recorded
MALT		NSF	No Significant Findings
MAND	Mandible; Mandibular	NST	No Specific Type
MAST	Mastectomy	NVD	Neck Vein Distention
MAT	Multifocal Arterial Tachycardia	N&V	Nausea and Vomiting
MAX	Maxilla(ry); Maximum	OBST	Obstructed (-ing, ion)
MC(H); mC(H)	millicurie(hours)	OP	Operation
MCG; µg	Microgram	OP	Outpatient
MCID	Mixed Combined Immunodeficiency	OP REPORT	Operative Report
	Midclavicular Line; Mast Cell Leukemia	OR	Operating Room
MCL		OZ	Ounce
MCS	Mast Cell Sarcoma	P&A	Percussion and Auscultation
MCTD	Mixed Connective Tissue Disease	PA	Posteroanterior
	Medical Doctor; Moderately Differentiated	PA	Pulmonary Artery
MD		PALP	Palpated (-able)
MDS	Myelodysplastic Syndrome	PAP	Papanicolaou Smear
MED(S)	Medication(s); Medicine	PAP	Papillary
MET; METS	Metastases; Metastasis; Metastatic	PATH	Pathology
MEV	Million Electron Volts	PBSCT	Peripheral Blood Stem Cell Transplant
MG(H); mg(H)	Milligram(hours)	PCL	Plasma Cell Leukemia
		PCLI	Plasma Cell Labeling Index

PCR	Polymerase Chain Reaction		Sideroblasts
PD	Poorly Differentiated		Refractory Anemia with Sideroblasts
PDT	Photodynamic Therapy	RAS	
PE	Physical Examination	RBC	Red Blood Cells
PEI	Percutaneous Ethanol Injection	RCM	Right Costal Margin
PERC	Percutaneous	RCMD	Refractory Cytopenia with Multilineage Dysplasia
PET	Positron Emission Tomography	RESEC	Resection
PI	Present Illness	RESPIR	Respiratory
PID	Pelvic Inflammatory Disease	RFA	Radiofrequency Ablation
PIN	Prostatic Intraepithelial Neoplasia	RIA	Radioimmunoassay
PLT	Platelets	RIT	Radioimmunotherapy
PMD	Personal/Primary Medical Doctor		Radiofrequency Interstitial Tissue Ablation
PMF	Primary Myelofibrosis	RITA	
PMH	Past Medical History	RLE	Right Lower Extremity
PML	Promyelocytic Leukemia	RLL	Right Lower Lobe
PNET	Primitive Neuroectodermal Tumor	RLQ	Right Lower Quadrant
PO	Postoperative (-ly)	RML	Right Middle Lobe
POD	Postoperative Day	RO, R/O	Rule Out
	Polyneuropathy, Organomegaly, Endocrinopathy, Monoclonal gammopathy, Skin changes	ROF	Review of Outside Films
POEMS		ROS	Review of Outside Slides
POOR DIFF	Poorly Differentiated	ROS	Review of Systems
POS (or +)	Positive	RSO	Right Salpingo-oophorectomy
POSS	Possible	RT	Radiation Therapy
POST	Posterior	RT	Right
POST	Postmortem Examination	RUE	Right Upper Extremity
POSTOP	Postoperative (-ly)	RUL	Right Upper Lobe
PPD	Packs per Day	RUQ	Right Upper Quadrant
	Peripheral Primitive Neuroectodermal Tumor	RX	Treatment
PPNET		S1-S5	Sacral Vertebra
PR(A)	Progesterone Receptor (Assay)	SALT	Skin-Associated Lymphoid Tissue
PREOP	Preoperative (-ly)	SB	Small Bowel
PROB	Probable (-ly)	SCC	Squamous Cell Carcinoma
PTA	Prior to Admission	S-COLON	Sigmoid Colon
PULM	Pulmonary		Spindle Epithelial Tumor with Thymus-Like Element
PUVA	Psoralen, Ultraviolet-A light	SETTLE	
Q	Every		Serum Glutamic Oxaloacetic Transaminase
QD	Every Day	SGOT	
R	Right		Serum Glutamic Pyruvic Transaminase
RA	Radium; Refractory Anemia	SGPT	
	Radiation; Radiation Absorbed Dose; Radical	SIG COLON	Sigmoid Colon
RAD		SIRT	Selective Internal Radiation Therapy
RAEB	Refractory Anemia with Excess Blasts	SM	Small
	Refractory Anemia with Excess Blasts in Transformation		Systemic Mastocytosis with Associated clonal, Hematological Non-Mast-cell lineage Disease
RAEB-T		SM-AHNMD	
RARA	Retinoic Acid Receptor, Alpha		Sequential Multiple Analysis (Biochem Profile)
RARS	Refractory Anemia with Ringed	SMA	

SMCD	Systemic tissue Mast Cell Disease
SML	Small
SML BWL	Small Bowel
SMM	Scintimammography
SNF	Skilled Nursing Facility
SO	Salpingo-oophorectomy
SOB	Shortness of Breath
S/P	Status Post
SPEC	Specimen
SPECT	Single-photon-emission Computed Tomography
SQ	Subcutaneous
SQ, SQUAM	Squamous
S-SPINE	Sacral Spine
STSG	Split Thickness Skin Graft
SUB-Q, SUBQ	Subcutaneous
SURG	Surgery, Surgical
SVC	Superior Vena Cava
SX	Symptoms
T	Thoracic
T1-T12	Thoracic Vertebra
TAH-BSO	Total Abdominal Hysterectomy-Bilateral Salpingo-oophorectomy
TCC	Transitional Cell Carcinoma
T-COLON	Transverse Colon
TPN	Total Parenteral Nutrition
TRANS COLON	Transverse Colon
TS	Tumor Size
T-SPINE	Thoracic Size
TUMT	Transurethral Microwave Thermotherapy (Treatment)
TUNA	Transurethral Needle Ablation
TUR	Transurethral Resection
TURB(T)	Transurethral Resection Bladder (Tumor)
TURP	Transurethral Resection Prostate
TVH	Total Vaginal Hysterectomy
TX	Treatment
UE	Upper Extremity
UGI	Upper Gastrointestinal
UIQ	Upper Inner Quadrant
UNDIFF	Undifferentiated
UOQ	Upper Outer Quadrant

VAG	Vagina, Vaginal
VAG HYST	Vaginal Hysterectomy
VAIN	Vaginal Intraepithelial Neoplasia
VASC	Vascular
VIN	Vulvar Intraepithelial Neoplasia
W/	With
WBC	White Blood Cells
WD	Well Differentiated
WELL DIFF	Well Differentiated
WM	Waldenstrom Macroglobulinemia
WNL	Within Normal Limits
W/O	Without
W/U	Work-Up
XR	X-Ray
YR	Year

Symbols

^, ↑	above, elevated, increased, superior (position), upper
V, ↓	below, decreased, inferior (position), lower
>	causes, distal, greater than, toward
<	caused by, less than, proximal
→	causes, distal, toward
←	caused by, proximal
-	negative, through
+	positive, plus
┌	left upper quadrant
└	left lower quadrant
┐	right upper quadrant
┘	right lower quadrant
@	at
&	and
/	comparison
=	equal
#	number (before numeral), pounds (after numeral)
X	times