

Lib sc. 8;1971; PAPER R.

Human Disease : Depth Classification Version of CC.
(Classification problems. 53) (Design series. 25).

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[Works out a Depth Classification Version of Colon Classification (= CC) for Compound Subjects going with the Host Subject "L;4 Medicine, Disease". The methodology for the design of freely-faceted scheme for classification and the current version of the notational system of CC have been used. Alphabetical Device, Numerical Device, and Subject Device have been used. A Schedule of Special Components for forming Compound Isolates is also given. An Alphabetical Index to the schedules and a list of 50 examples classified according to the scheme for classification are given.]

ABBREVIATIONS USED:

(A1) = Array of Order 1	(MP) = Matter Property
(A2) = Array of Order 2	(ND) = Numerical Device
(AD) = Alphabetical Device	(IP1) = Personality Isolate, Round 1, Level 1
(BS) = Basic Subject	(Q1) = Quasi Isolate
(CC) = Colon Classification	(SD) = Subject Device
(CN) = Class Number	(SpC) = Special Component
(HS) = Host Subject	(T) = Telescoping
(IN) = Isolate Number	

0 Definition of 'Disease'

The term 'Disease' can be defined in two senses:

01 SENSE 1

The failure of the adaptive mechanisms of an organism to counteract adequately the stimuli or stresses to which it is subjected, resulting in a disturbance in function or in structure of any part, organ, or system of the body (4).

02 SENSE 2

A specific entity which is the sum total of the numerous expressions of one or more pathologic processes.

The cause of the disease entity is represented by the cause of the pathologic process in combination with important secondary causative factors (4).

1 Scope of the Paper

This paper demonstrates the design of a depth classification version of CC for Compound Subjects going with the (HS) "L;4 Medicine, Disease". The methodology for designing a freely-faceted scheme for classification, based on postulates, canons, and principles, has been used (3, 5).

2 Schedule of Isolates**21 SCHEDULE OF (IPI) ISOLATES**

A (IPI) Organ Isolate may occur in any Compound Subject going with the Main Subject "L Medicine". The Schedule of (IPI) Organ Isolates given in CC Ed 7 (in preparation) has been used wherever needed.

22 SCHEDULE OF (MP) "DISEASE" ISOLATES

The schedule given in Sec 7 of this paper gives a variety of diseases based on different (QI). Any two or more of them can be combined to form compound isolates. A list of the (QI) is given in Table 1. The sequence among the (QI), determined by using the Wall-Picture Principle, is deemed to be helpful to a majority of specialists in the subject.

221 Table 1. *List of (QI) for the (MP) isolate "Disease"*

SN	Sector (S -)	Quasi-isolate
(a)	(b)	(c)
1	41-4 ()	By Cause
2	40A	By Carrier
3	4j-401	By Signs and symptoms
4	4f	By Localisation
5	4d	By Prognosis

222 Special Components for "Disease"

A schedule of Special Components for use in forming Compound Disease Isolates is given. The indicator digit "=" (equals to) is used for combining the components.

223 Signs and Symptoms

An idea derived on the basis of the (Q1) "By Signs and symptoms" can occur as a Speciator in (1MP1), as a Property Isolate idea in (1MP2), and, as a Method Isolate idea in (2M1) for the energy isolate "3 Diagnosis". For example, the idea "Haemorrhage" is a Speciator in the isolate "Haemorrhagic disease", a Property Isolate in the Compound Subject "Haemorrhage of the human brain", and as Method Isolate in the Compound Subject "Haemorrhage as an aid in diagnosing some uterine disorders". The speciators derived on the basis of the (Q1) "By Signs and symptoms" should not *generally* be used in conjunction with the speciators derived by the (Q1) "By Cause", but only, if the individualisation of the subject needs such use.

23 SCHEDULE OF (1E) ENERGY ISOLATES

The schedule of Energy Isolates given in CC, Ed 7 (in preparation) may be used for constructing (CN) for Compound Subjects, whenever needed.

24 SCHEDULE OF (2P1) ISOLATES

The schedule of (2P1) Agent Isolates given in CC, Ed 7 (in preparation) may be used, whenever needed.

25 SCHEDULE OF (2M1) ISOLATES

The schedule of (2M1) Method isolates is a differentiated one associated with some of the Energy Isolates.

3 Host Subject

In CC, Ed 7, "Disease" is enumerated as a property going with the Main Subject "L Medicine". Therefore, "L;4 Medicine, Disease" is taken as the (HS) for this schedule. It can also occur in any Compound Subject representing an organ of the human body — such as L.3;4 Medicine. Circulatory System Disease.

4 Notation

In CC, Ed 7, a schedule for Macro subjects going with the (HS) "L;4 Medicine, Disease" is given. The depth version consists of about 750 enumerated isolates. The notation, used in CC, Ed 7, has been retained in the depth version. This has been possible because of the long base of the CC Notational System

and the use of Sector Device. The allocation of sectors to the different (QI) are indicated in Table 1 col (b) in Sec 221.

5 Notes on the Schedule

51 DEVICES USED

511 *Alphabetical Device*

The (AD) has been used in the Schedule to form (IN) for Syndromes, Specific kinds of Tumours, Viruses, Rickettsiae, Bacteria, Fungi, Protozoa, Helminths etc. In the case of a multi-nomial the indicator digit "+" (plus) has been used to combine the components.

512 *Numerical Device*

The (ND) has been used to form subdivisions of the different Special Components derived on the basis of the (QI) "By Duration" and "By Stage". For example, "7-day disease", "2-week stage disease."

513 *Subject Device*

The (SD) has been used to represent some of the ideas derived on the basis of the (QI) "By Cause". In particular, (SD) has been used to represent disease isolate ideas having a disease itself as a causal factor.

52 ANNOTATIONS TO THE SCHEDULE

521 *Unclassified Virus*

There are a large number of viruses which have not yet been definitely placed in the main groups. The Rabies Virus, the virus of lymphocytic chorio-meningitis, the respiratory syncytial virus are such examples (1). Hence, an (IN) for each of the unclassified viruses has been provided for in the Schedule.

522 *Rickettsia*

There has been much controversy on the taxonomic position of Rickettsiae. Though there is a long-felt and still growing impression among many authorities that Rickettsiae are closely related to bacteria, they have been placed as a separate group along with the viruses (2).

523 *Classification of Causal Organisms*

In the (QI) "By Cause" under the term "Infection", a number of lower organisms and higher organisms such as Virus, Rickettsiae, Bacteria, Fungus, Protozoa, Helminths etc, have been enumerated. If it is felt that such a detailed classification may not be necessary, then the (AD) can be used directly with the generic (IN) 423, 424, 426, 433, and 436.

524 *Drug*

The term 'Drug' has been used in this schedule in the sense that a drug may be the causal factor for a disease. But a subject such as "side effects of a drug" may go with the (BS) "LX3 Pharmacology".

525 *Tumour*

Benign and Malignant tumours have been subdivided on the basis of the tissue composition of the tumour. This seems to be a helpful arrangement, especially since there is no other agreed method of classification of tumours. In giving the (IN) to the different types of benign and malignant tumours, (AD) has been used provisionally. This provisional arrangement has been resorted to (though there is as such no international nomenclature for the tumours) since it yields helpful results. If it is felt that such a detailed classification of malignant and benign tumours on the basis of tissue composition may not be necessary, then the (AD) can be used directly with the generic (IN) 4724, and 4725 respectively.

6 *Index to Schedule*

Note.—1 The terms enumerated in the Schedules in Sec 7 are listed in this index. However, terms denoting ideas, the numbers for which are indicated to be derived by using such devices as (AD), (ND), and (SD), are not included.

2 The number from the Schedule given against each index entry is preceded by an abbreviation (IMP1) for Round 1 Level 1 for Matter Property and (SpC) Special Component respectively, as the case may be

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Accommodation reflex (IMP1), 4z7RH5F	Amination (IMP1), 4577
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 Tender texture (IMP1), 4u3
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- Tic (IMP1), 4z7RD16
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 Viscous secretion (IMP1), 4y31
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 Stage (SpC), hb
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7 Schedule

L4 Disease

Schedule of (IMP1) isolates

4d	By Prognosis
4d1	Good
4d2	Bad
4d4	Fatal
4d5	Non-Fatal

4f By Localisation

4f1	Sporadic
4f2	Endemic
4f5	Epidemic
4f6	Pandemic

4hZ By Signs and symptoms

4j	Sensation
4k	Superficial

4k1	Touch	4y41	Mucous
4k4	Temperature (sensation)	4y42 4y43	Serous Enzymatic
4k5	Pain	4y5	Excretion
4m	Deep		
4m1	Vibration sense	4zc	Physique
4m2	Joint sense	4zd	Debility
4m3	Pressure	4ze	Weakness
4m4	Sensibility of muscle and tendon to deep pressure	4zf 4zg 4zj	Fatigue Emaciation Prostration
4n	Special		
4n1	Taste	4z2	Digestive system
4n11	Sour	4z21	Swallowing
4n12	Sweet	4z218	Acrophagia
4n13	Bitter	4z23	Thirst
4n14	Pungentness	4z24	Ptyalism/Salivation
4n15	Saltiness	4z25	Appetite
4n18	Rancidity		
4n3	Hearing		<i>T1 (A4) into (A3) begins</i>
4n4	Smell	4z26	Anorexia
4n5	Vision		
4q	Cortical	4z27	<i>T1 (A5) into (A3) begins</i>
4q1	Stereognosis	4z28	General
4q2	Two-point discrimination		Hysterical
4q4	Tactile localisation		<i>T1 (A5) into (A3) ends</i>
4q5	Epicritic sensation	4z2C 4z2D	Pica False
4r	Hyposensitive		<i>T1 (A4) into (A3) ends</i>
4s	Hypersensitive		
4s4	Allergy	4z2E	Indigestion
4t	Inflammation	4z2F	Eruclation (Belching)
4u	Texture	4z2G	Nausea
4u1	Hardness	4z2H	Vomitting
4u3	Tender	4z2J1	Stasis
4u4	Tough	4z2J2	Paresis
4v	Temperature of body	4z2J3	Hypermotility
4v1	Coldness	4z2K	Constipation
4v4	Feverishness	4z2M	Diarrohoea
4v6	Rigour	4z2N	Dysentery
4x	Colour	4z2P	Steatorrhea
4x2	Red		
4x3	Orange	4z3	Circulatory system
4x4	Yellow	4z31	Anemia
4x5	Green	4z32	Blood Pressure
4x6	Blue	4z32C	Low
4x7	Indigo	4z32E	High
4x8	Violet	4z32G	Diastolic
4y	Discharge	4z32H	Systolic
4y1	Secretion	4z33	Pulse
4y2	Quantity	4z331	Bradycardia
4y3	Quality	4z332	Tachycardia
4y31	Viscous	4z333	Regular
4y32	Thick	4z334	Irregular
4y33	Thin	4z34	Palpitation
4y4	Nature	4z35	Haemorrhage
		4z37	Vaso constriction

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4z38	Vasodilation	4z7	Nervous system
		4z71	Sleep
4z4	Respiratory system	4z711	Insomnia
4z41	Cough	4z712	Somnolence
		4z713	Somnambulism
	<i>T2 (A4) into (A3) begins</i>	4z714	Somniloquism
4z42	With expectoration	4z72	Vertigo
		4z721	Without deafness
	<i>T2 (A5) into (A3) begins</i>	4z722	With deafness
4z43	Sputum	4z73	Syncope
		4z74	Shock
	<i>T1 (A6) into (A3) begins</i>	4z75	Convulsion
		4z751	Focal
4z44	Tenacious	4z752	Generalized
4z45	Mucopurulent	4z76	Consciousness
		4z761	Confusion
	<i>T1 (A6) into (A3) ends</i>	4z762	Dream state
		4z764	Disorientation
4z46	Blood	4z675	Delirium
4z47	Foreign body	4z77	Unconsciousness
4z48	Bronchial cyst	4z771	Drowsiness
	<i>T2 (A5) into (A3) ends</i>	4z772	Stupor
		4z774	Coma
4z4B	Without expectoration	4z7D	Cranial nerves
	<i>(T2 A4) into (A3) ends</i>	4z7D5	Optic
		4z7D6	Visual acuity
4z4G	Voice		
4z4G1	Hoarse		
4z4G4	Nasal		<i>T1 (A5) into (A4) begins</i>
4z4G5	Shiil	4z7DC	Myopia
4z4G6	Aphonia	4z7DE	Hypermetropia
4z4H	Breathing	4z7DF	Presbyopia
4z4H1	Dyspnoea	4z7DG	Astigmatism
4z4H3	Orthopnea		
4z4H4	Wheezing		<i>T1 (A6) into (A4) begins</i>
4z4K	Hiccough	4z7DH	Simple
4z4N	Sneezing	4z7DJ	Compound
4z4Q	Yawning	4a7DL	Mixed
4z4R	Cyanosis	4z7DN	Irregular
4z4S	Clubbing		<i>T1 (A6) into (A4) ends</i>
			<i>T1 (A5) into (A4) ends</i>
4z5	Uro-genital system		
4z51	Anuria	4z7F	Fields of vision
4z52	Polyuria	4z7F4	Defects in the visual fields
4z54	Dysuria		
4z55	Menstrual		<i>T2 (A5) into (A4) begins</i>
4z551	Amenorrhoea	4z7F5	Scotoma
4z552	Menorrhagia	4z7F51	Central
4z553	Menometrorrhagia	4z7F52	Hemi
4z554	Leucorrhoea	4z7F6	Hemianopia
4z555	Dysmenorrhoea	4z7F61	Homonymous
4z56	Frigidity	4z7F64	Quadrantic
4z57	Climacteric	4z7F65	Bitemporal
4z58	Erection	4z7F66	Nasal
4z581	Priapism	4z7F67	Altitudinal
4z5F	Nocturnal emissions	4z7FF	Colour vision
4z5H	Importance		

4z7FG	Optic disc	4z7R64	Hypertonia
4z7FG1	Size		<i>T1 (A6) into (A5) begins</i>
4z7FG2	Shape	4z7R65	Claspknife
4z7FG3	Border	4z7R66	Lead-pipe
4z7FG5	Colour	4z7R67	Cog-wheel
4z7FH	Changes in the fundi		<i>T1 (A6) into (A5) ends</i>
4z7FH5	Vessels		
	<i>T2 (A5) into (A4) ends</i>	4z7RD	Involuntary movement
4z7M	Oculometer	4z7RD1	Static
4z7M1	Pupils	4z7RD11	Tremor
4z7M11	Size	4z7RD12	Choreic
4z7M112	Equal	4z7RD13	Athetosis
4z7M114	Unequal	4z7RD14	Spasm
4z7M12	Shape	4z7RD15	Myoclonus
4z7M121	Regular	4z7RD16	Tic (Twitching)
	<i>T1 (A7) into (A6) begins</i>	4z7RD17	Fibrillation
4z7M122	Circular	4z7RD3	Kinetic
4z7M123	Oval	4z7RD31	Intention tremor
	<i>T1 (A7) into (A6) ends</i>	4z7RF	Voluntary movement
4z7M124	Irregular		<i>T3 (A4) into (A3) begins</i>
4z7M127	Argyll-Robertson phenomenon	4z7RG	Gait
4z7M13	Position	4z7RG1	Spastic
4z7M131	Central	4z7RG2	Ataxia (Reeling gait)
4z7M134	Eccentric	4z7RG3	Festinant (Shuffling gait)
4z7M5	Ptosis	4z7RG4	Waddling
4z7M6	Ocular movement	4z7RG5	Hightstepping
4z7M7	Strabismus	4z7RG6	Jaunty
4z7M71	Convergent	4z7RG7	Limping
4z7M74	Divergent	4z7RG8	Bizzare
4z7M8	Conjugate movement	4z7RH	Reflex function
4z7MC	Diploia	4z7RH1	Tendon reflex
4z7MC5	Crossed	4z7RH2	Tonic reflex
4z7MC6	Uncrossed	4z7RH21	Kernig's sign
4z7MG	Nysagmus	4z7RH3	Visceral reflex
4z7MGx	Coarse	4z7RH32	Deglutition
4z7MGy	Rapid	4z7RH34	Defaecation
4z7MG1	Horizontal	4z7RH35	Micturition
4z7MG2	Vertical	4z7RH5	Superficial reflex
4z7MG5	Rotatory	4z7RH51	Epigastric
4z7MH	Oculo-pupillary sympathetic phenomenon	4z7RH54	Abdominal
4z7P	Trigeminal	4z7RH541	Lower
4z7P4	Masticatory movement (movement of muscles of mastication)	4z7RH542	Upper
		4z7RH55	Planter
		4z7RH56	Conjunctival
		4z7RH57	Corneal
		4z7RH58	Pupillary
4z7Q	Facial		<i>T2 (A7) into (A6) begins</i>
4z7Q5	Emotional movement	4z7RH5C	Right
4z7R	Motor function	4z7RH5F	Accommodation
4z7R1	Power	4z7RH5K	Convergence
4z7R5	Coordination		<i>T2 (A7) into (A6) ends</i>
4z7R6	Tonus		<i>T3 (A4) into (A3) ends</i>

40a	Psychical	4014	Hypethidrosis
40b	Behaviour	4016	Night sweating
40b4	Overactivity (Restlessness)	402	Loss of hair
40b5	Stereotypy	404	Melanosis
40b6	Retardation	405	Blushing
40b7	Negativism		
40b8	Morbid impulse	408	Syndromes
40b83	Paromania		<i>Note.— Names of specific syndromes to be got by (AD).</i>
40b84	Kleptomania		<i>(Illustrative)</i>
40c	Perception		Asthenic syndrome
40c3	Hallucination	408A	Jakob-Creutzfeld syndrome
40c6	Illusion	408J	Parkinson syndrome
40d	Memory	408P	
40e	Thought process		
40e4	Delusion	40A	By Carrier
40e5	Obsession		<i>T1 (A3) into (A2) begins</i>
40e6	Ideas of reference		Infectious
40f	Emotion		<i>T1 (A4) into (A2) begins</i>
40f1	Elation	40B	Indirect contact
40f2	Euphoria		<i>T1 (A5) into (A2) begins</i>
40f4	Depression		
40f6	Anxiety (Neurasthenia)	40C	
40fE	Apathy		
40fF	Instability		<i>T1 (A5) into (A2) begins</i>
40fG	Phobia	40D	Food-borne
40g	Speech and Articulation	40F	Water-borne
40g1	Aphasia	40G	Vector-borne
		40J	Air-borne
	<i>T3 (A5) into (A4) begins</i>		<i>T1 (A5) into (A2) ends</i>
40g2	Expressive		
40g21	Motor	40K	Direct contact
40g22	Graphia		<i>T2 (A5) into (A2) begins</i>
40g24	Amimia	40L	Man
40g3	Receptive	40M	Rabbit
40g34	Alexia	40N	Sheep
40g4	Dysarthria	40P	Horse
	<i>T3 (A5) into (A4) ends</i>	40Q	Cattle
		40R	Dog
40g6	Apraxia	40S	Cat
40g8	Agnosia		<i>T2 (A5) into (A2) ends</i>
40h	Personality		
40b4	Depersonalisation		
40h5	Transformation of personality	40X	Inoculation
			<i>T1 (A4) into (A2) ends</i>
40h6	Dissociation		
40h7	Fugues	40Y	Non-infectious
40h8	Multiple		<i>T1 (A3) into (A2) ends</i>
40hE	Nailbiting		
40m	Intelligence	41	By Cause
40m4	Idiot	41x	Unknown cause
40m5	Imbecile	42	Infection
40m7	Mentally defective	422Z	Parasite
40n	Attentiveness	423	Virus
		4231	Pox-virus
40y	Integumentary system	4232	Myxo-virus
401	Sweating	4233	Herpes-virus
4011	Anhidrosis	4234	Adeno-virus

- 4235 Reo-virus
 4236 Arbo-virus
 4237 Picorna-virus
 4238 Papova-virus
 42391 Unclassified virus
 42397 Rickettsia
Note.— When the document deals with a specific virus or Rickettsia use (AD) after the corresponding (IN) 4231, 4232...42397.
(Illustrative)
- 4231S+P Small-pox virus
 4233H+Z Herpes-zoster virus
 42397M Mooseri
 42397P Prowazeki
 42397Q Quintana
- 424 Bacteria
 4241 Pseudomonadale
 4242 Eubacteriale
 4243 Actinomycetale
 4244 Spirochaetale
 4245 Mycoplasmatale
 424A Gram positive
 424B Gram negative
 424C Acid fast
Note.— When the document deals with a specific bacteria, use (AD) after the corresponding (IN) 4241, 4242...4245.
(Illustrative)
- 4242S Salmonella
 4242ST Staphylococcus
 4243M Mycobacterium
 4243M+T Mycobacterium tuberculosis
- 425 Metaphyta
 426 Protozoa
 4261 Sarcodina
 4263 Flagellata
 4265 Sporozoa
 4268 Ciliata
Note.— When the document deals with a specific protozoa, use (AD) after the corresponding (IN) 4261, 4263...4268.
(Illustrative)
- 4261E+H Endamoeba distolytica
 4263L+D Leishmania donovani
 4265P+V Plasmodium vivax
- 427 Metazoa
 432 Algae
- 433 Fungus
 4331 Myxomycete
 4333 Phycomycete
 4335 Ascomycete
 4337 Basidiomycete
 4338 Fungi-imperfecti
Note.— When the document deals with a specific fungus, use (AD) after the corresponding (IN) 4331, 4333...4338.
(Illustrative)
- 4335C+A Canadida albicans
 4338N+B Nocardia brasilienses
- 436 Helminth
 4361 Cestoda
 4363 Trematoda
 4364 Nematoda
Note.— For names of specific organisms belonging to the groups Cestoda, Trematoda and Nematoda, use (AD) after the (IN) 4361, 4363, and 4364 respectively.
(Illustrative)
- 4361T+S Taenia saginata
 4363F+H Fasciola hepatica
 4364A+L Ascaris lumbricoides
- 44 Poison (Intoxication)
 440Z By Source
- T4 (A4) into (A3) begins
- 441 Plant
 4411 Mushroom
 4412 Toad stool
 4413 Bean
 44131 Fava
 44132 Castor
 4414 Tobacco
 4415 Datura
 4418 Other
Note.— To be got by (AD).
(Illustrative)
- 4418B Belladonna
 4418C Cassava
 4418P Oleander
 4418T+D Toxicodendron diversiloba
 4418T+P Toxicodendron pubescens
- 442 Animal
 4421 Snake
 4422 Scorpion
 4423 Spider

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4424	Insect	446932	Detergent
44241	Wasp	446933	Wetting agent
44242	Bee	446934	Emulsifier
44243	Hornet	446935	Natural essential oil
44244	Ant	446936	Synthetic essential oil
4426	Man		<i>Note.— A specific plant</i>
4428	Other		<i>poison, herbicide etc to</i>
	<i>Note.— To be got by</i>		<i>be got by (AD).</i>
	<i>(AD).</i>		<i>(Illustrative)</i>
	<i>(Illustrative)</i>	4462F	Ferbam
4428I	Ixodes	4464B	Bacitracin
4428S+H	Scolopendra heros	4464C	Chloropromazine
4428S+M	Scolopendra moisitans	4468G	Glycol
443	Food	45	Functional disorder
	<i>Note.— Divisions as enumerated under the (IN) "3" in the Schedule of (IP1) isolates for "F Technology". T4 (A4) into (A3) ends</i>	451	Non-functioning
		4515	Non-functioning due to external causes
		452	Under-functioning
		454	Over-functioning
		455	Complicated functioning
446	By poisoning agent	456	Wrong functioning
4461	Chemical	457	Metabolic
	<i>Note.— Divisions as in the Schedule of (IP1) isolates for "E1 General chemistry".</i>	457I	Detoxification
		4572	Oxidation; Reduction
		4573	Conjugation
		4574	Acylation
4462	Plant poison	4575	Esterification
44623	Herbicide	4576	Hydrolysis
44627	Fungicide	4577	Amination; Deamination
4463	Animal poison	4578	Binding
44631	Viral poison	45781	Chelation
44632	Rickettsicide	45782	Protein binding
44633	Bactericide	457A	Degradation
44634	Protozoacide	457B	Alkylation
44635	Vermicide	457C	Phosphorylation
44636	Molluscicide	457D	Halogenation;
44637	Insecticide		Dehalogenation
44638	Acaricide	457F	Hydration; Dehydration
44639I	Rodenticide	457G	Condensation
446392	Gametocide (Spermatocide)	458	Necrosis
		46	Nutritional disorder
4464	Drug	462	Deficiency
4465	Stimulant	464	Excess
4466	Solvent		
4467	Disinfecting agent	47	Structural (Organic)
44675	Water disinfecting agent	471	Abnormality
44676	Antifouling agent	4711	Size
44678	Air disinfecting agent	47113	Hyperplasia
4468	Repellent, Attractant	47114	Hypertrophy
44691	Fumigant	47115	Atrophy
44692	Chemical warfare agent	47116	Collapse
44693	Surface active agent	47117	Constriction
446931	Soap	47118	Shortening
4469311	Soluble (Household soap)		
4469312	Insoluble (Industrial soap)	4712	Shape
		47121	Distortion

47122	Twisted		
47123	Bent		
47124	Diverticulation		
47126	Angulation		
			<i>Note.— Division same as for "4724 Malignant tumours".</i>
			<i>Note.— Names of specific tumours, both benign and malignant, to be got provisionally by (AD), after the corresponding (IN). (Illustrative)</i>
4713	Position/Posture		
47131	Displacement		
471311	Torsion		
47132	Inversion		
47133	Eversion		
47134	Protrusion (Herniation)	47242F	Fibrosarcoma
47135	Retraction	47246L	Leukemia
4713A	Dislocation	47252A	Adenoma
		47255M	Myoma
	<i>T2 (A') into (A5) begins</i>		
4713B	Incomplete	473	Rash
4713C	Complete	4731	Macule
4713E	Simple	4732	Papule
4713F	Compound	4733	Vesicle
	<i>T2 (A6) into (A5) ends</i>	4734	Pustula
		4735	Bulla
		4736	Plaque
4714	Fixation	474	Ulcer
4715	Number	475	Abscess
47151	Reduction	4754	Fistula
47152	Increased	476	Burn
4716	Total absence	4761	Friction
47165	Avulsion	4764	Heat
47166	Excision	4766	Electric
4717	Closure	477	Wound
47172	Imperfect	4771	Superficial
47174	Obstruction	4772	Perforating
		4773	Incised (Stab wound)
	<i>T3 (A6) into (A5) begins</i>	47731	Penetrating
47175	Fat	4774	Lacerated
47177	Foreign body	47741	Explosive
47178	Air	47742	Gunshot
	<i>T3 (A6) into (A5) ends</i>	4775	Deep
		4776	Bite
4718	Opening	47761	Animal
47182	Imperfect	47766	Man
		4777	Operative (Instrumentation wound)
472	Tumour		
4722	Inflammatory	478	Fracture (Rupture, Breakage)
4723	Cyst		
4724	Malignant (Cancer)	4787	Closed
47240Z	<i>By Tissue</i>	47871	Incomplete
47241	Epithelial	47872	Transverse
47242	Connective	47873	Oblique
47243	Bone	47874	Spiral
47244	Cartilage	47875	Comminuted
47245	Muscular	47876	Chip
47246	Haematopoietic	4788	Open
47247	Nervous	47882	Transverse
47248	Mixed	47883	Oblique
		47884	Spiral
4725	Benign	47885	Comminuted

		495R	Nucleon
47Z	Physical agent		
48	Foreign matter		<i>T3 (A6) into (A3) begins</i>
481	Solid	495S	Proton
482	Fluid	495T	Neutron
483	Gas		<i>T3 (A6) into (A3) ends</i>
484	Dust		<i>T5 (A4) into (A3) ends</i>
4847	Mineral dust		
48471	Asbestos	496	Electricity
48472	Cement	4963	Lightning
48473	Lime	497	Pressure
48474	Marble	4971	Atmospheric
48475	Carbon/Coal dust	4972	High altitude
48476	Cotton dust	4974	Blast
48477	Diatomaceous dust	4975	Loss of cerebrospinal fluid
48478	Fine stone dust		
4847A	Tobacco dust	498	Disaster
4847L	Barium dust	4983	Famine
4847M	Iron/welding fumes	4984	Pestilence
487	Clothing	49851	Draught
		49855	Flood
491	Fire	4986	Earthquake
492	Asphyxia	49871	Accident
4921	Smoke	49872	Strangulation
4924	Carbon monoxide	49874	Murder
493	Sound	49875	Drowning
4931	Low frequency	49886	Hail
4934	High frequency	49888	Wind
4942	Low temperature	49KZ	Psychological
4944	High temperature	49L	Psychosomatic
495	Electromagnetic radiation	49S	Mental disorder
4952	Ultraviolet	49S1	Psychotic
4953	X-ray	49S11	Manic depression
49531	Hard	49S7	Psychoneurotic
49533	Soft	49S76	Dyslexia
4954	Gamma ray	4F	Congenital (Pre-natal)
49541	Hard	4F5	Through Mother
49543	Soft	4F6	Through Father
4956	Infra-red	4G	Hereditary (Genetic)
495A	Particulate radiation	4G1	Recessive
		4G2	Dominant
		4G3	Autosomal
		4G5	Sex-linked
495C	Photon	4G6	Sex-limited
495H	Electron	4K	Familial
	<i>T3 (A5) into (A3) begins</i>	4(..)	By Disease
495J	Beta particle		<i>Note.— The digit "a" should precede the starter ("whenever the (SD) isolate is preceded by a digit having lower ordinal value than the starter" ("). For example, the (CN) for "Headache caused by eye disorder" is L,18;4k5-4a(L,185;4).</i>
	<i>T2 (A6) into (A3) begins</i>		
495M	Positron		
	<i>T2 (A6) into (A3) ends</i>		
	<i>T3 (A5) into (A3) ends</i>		
495N	Mu Meson		
495P	Pi Meson		
495Q	K Meson		

SCHEDULE OF Special Components for (IMP1) isolates.		zc	Subacute
		zd	Chronic
Whenever warranted, the Number for a Special Component can be combined with any of the isolate numbers given above. The indicator digit is "=" (equals to).		zB	Decrease
		zC	Increase
		zD	Perverted
		zG	Difficult
		zH	Ease
		zK	Loss
g	By Duration	zM	Paroxysmal
gb	Year	zR	Persistent
gc	Month		
gd	Week	001	By Nature of substance
ge	Day	002	Alkaline
gf	Hour	003	Acidic
	<i>Note.— Divide gb to gf by (ND). (Illustrative)</i>		
gb2	2-year duration	00Z	By Substance
ge7	7-day duration	01	Carbohydrate
		011	Monosaccharide
		012	Disaccharide
		013	Polysaccharide
gk	continuous	014	Glycoside
gm	Remittant	015	Glycogen
gn	Intermittent	016	Starch
gp	Recurrent	017	Uronic acid
gq	Periodic		(Glucocuronides etc)
gr	Frequent		
h	By Stage	02	Protein
hb	Year	021	Amino acid
hc	Month	022	Serum protein
hd	Week	023	Nucleic acid
he	Day	024	Purines and/or Pyrimidines
hf	Hour	025	Peptide
	<i>Note.— Divide hb to hf by (ND). (Illustrative)</i>		
hb2	2-year stage	03	Pigment
hd2	2-week stage	04	Lipid and/or steroid
		041	Fatty acid
		042	Ketone body
h1	Primary	043	Phospholipid
h2	Secondary	044	Lipoprotein
h3	Tertiary	045	Carotenoid
h4	Quaternary	046	Plant sterol
h5	Latent	047	Bile acid
hB	Asymptomatic	05	Water
hC	Symptomatic	06	Hormone
	<i>T (A3) into (A2) begins</i>	061	Corcical hormone
hD	Early	062	Plant hormone
hE	Advanced		
hF	Far advanced (Late)	07	Vitamin
	<i>T (A3) into (A2) ends</i>	07A	Vitamin A
		07B	Vitamin B
za	By Condition	07C	Vitamin C
zb	Acute	07D	Vitamin D

07E	Vitamin E	08	Enzyme
07K	Vitamin K	081	Coenzyme

8 Examples

81 ALPHABETICAL INDEX TO SUBJECTS

Given below is an alphabetical index to the subjects of the documents listed in Sec 83 Classified Part. The Serial Number of the entry in Sec 83 is given as the Index Number against each entry in this section. The alphabetical subject index has been prepared according to Chain Indexing.

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82 CLASSIFIED PART

- L;4 Medicine, Disease
L;4f5 MEDICINE, DISEASE, EPIDEMIC
- 1 N71 KNOX (E G). Epidemics of rare diseases. (Brit Med Bull. 27;1971; 43-7).
- L;4v4=gq
MEDICINE, PERIODIC FEVER
- 2 42N71 HARADA (T). Case of periodic fever (Jap). (Naika. 27;1971; 373-6).
- L;4z28
MEDICINE, ANOREXIA NERVOSA
- 3 N70 CRISP (A M). Anorexia, nervosa, 'feeding disorder', 'nervous malnutrition' or 'weight phobia'. (World Rev Nutr Diet. 12;1970; 452-504).
- L;4z31-4a(L;462)
MEDICINE, ANEMIA (caused by) NUTRITIONAL DEFICIENCY
- 4 25N70 GUGGENHEIM (K). Nutritional anemias (Heb). (Harefuah. 78;1970; 250-1).
- L;4z32E
MEDICINE, HYPERTENSION
- 5 N71 EVANS (J G) and others. Hypertension. (Brit Med Bull. 27;1971; 37-42).
- L;4z32E-4a(L;49L)
MEDICINE, HYPERTENSION (caused by) PSYCHOSOMATIC DISORDER
- 6 N71 COCHRANE (R). High blood pressure as a psychosomatic disorder. (Brit J Soc Clin Psychol. 10;1971; 61-72).
- L;4z72:3
MEDICINE, VERTIGO, DIAGNOSIS
- 7 112N71 JONGKEES (L B). Diagnosis of vertigo (Dut). (Ned Tijdschr Geneesk. 115;1971; 115-7).
- L;4z74:6
MEDICINE, SHOCK, TREATMENT
- 8 N69 PAYNE (J P). Management of shock in primitive conditions. (Int Anesthesiol Clin. 7;1969; 949-67).
- L;408W
MEDICINE, WERNER'S SYNDROME
- 9 113N71 PAVLIK (F) and others. Werner's syndrome. (Wien Med Wochenschr. 121;1971; 87-90)

- L;40B:6
 MEDICINE, INFECTIOUS DISEASE, TREATMENT
 10 N70 CHISTIE (A B). Advances in the treatment of infectious diseases. (Pract. 205;1970; 514-22).
- L;4234=zd:31
 MEDICINE, CHRONIC, ADENO-VIRUS INFECTION, CLINICAL DIAGNOSIS.
 11 142N70 KETTLADZE (E S). Clinical study of latent and chronic viral infections (Rus). (Vesta Akad Med Nauk SSSR. 25; 1970; 51-63).
- L;4241V
 MEDICINE, CHOLERA
 12 N71 CHOLERA. (S Afr Med J. 45;1971; 1-2).
- L;4241V:f3
 MEDICINE, CHOLERA, RESEARCH
 13 N70 SHRIVASTAVA (D L). Perspectives in cholera research. (J Ind Med Assoc. 55;1970;326-31).
- L;4241V-4f5.533=0P M32
 MEDICINE, CHOLERA, EPIDEMIC, PARIS, 1832
 14 N70 POULET (J). Epidemic of cholera in 1832 in Paris. (Sem Hop Paris. 46;1970; 3483-9).
- L;4242S+P-40F-4f5
 MEDICINE, PARATYPHOID, WATER-BORNE, EPIDEMIC
 15 142N70 SOKOLOVSKI (B). Experiences with water-borne epidemics of paratyphoid fever B. (Rus). (Vojnosanit Pregl. 27;1970; 442-5).
- L;443Zv1-4f5.561
 MEDICINE, POISON, FOOD, MUSSEL, EPIDEMIC, NORTH-EAST ENGLAND
 16 N68 McCOLLUM (J P). Epidemic of mussel-poisoning in North-East England. (Lancet. 2;1968;767-70).
- L;4724.6
 MEDICINE, CANCER, AFRICA
 17 N71 COOK (P J). Cancer in Africa. (Brit Med Bull. 27; 1971; 14-20).
- L;4624:6,3
 MEDICINE, CANCER, TREATMENT, DRUG
 18 N70 FISCHER (D S). Use of drugs in various types of cancer. (Coun Med. 34;1970; 903).
- L;476:6,66
 MEDICINE, BURN, TREATMENT, ANTIBIOTIC
 19 142N70 BOGOSLOVSKII (G I). Antibiotic therapy of burn patients. (Rus). (Klin Khir. 11;1970; 79-84).
- L;49871-44&aZ
 MEDICINE, ACCIDENT, POISON, (IN RELATION TO) LAW
 20 N71 ALPERT (J). Accidental poisoning and law. (New Eng. J Med. 284;1971; 611-2).

- L;4F-408A+G
 MEDICINE, CONGENITAL, ADRENOGENITAL SYNDROME
 21 121N70 MORTONI (L) and others. Congenital errors of adrenal cortex steroid synthesis. (Ita). (Recent progr Med (Rome). 49;1970; 109-32).
- L,12 TISSUE
 L,121 EPITHELIAL TISSUE
 L,121;47113 MEDICINE, EPITHELIAL TISSUE, HYPERPLASIA
 22 N71 PERRIMAN (A). Focal epithelial hyperplasia. (Oral Surg. 31;1971; 221-5).
- L,12ZZ EXTREMITIES
 L,12ZZ;47242S
 MEDICINE, EXTREMITIES, SARCOMA
 23 N71 THOMPSON (D E). Soft tissue sarcomas involving the extremities and the limb girdles. (South Med J. 64;1971; 33-44).
- L,13 LOWER EXTREMITY
 L,137 PELVIC REGION
 L,137;4722
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 24 N70 RANKIN (J S). Pelvic inflammatory disease. (Mod Treat. 7;1970; 756-78).
- L,14 ABDOMEN
 L,14;4773:7
 MEDICINE, ABDOMEN, STAB WOUND, SURGERY
 25 N70 CAMERON (C T). Stabwounds of the abdomen. (J R Coll Surg Edinb. 15;1970; 330-6).
- L,185 EYE
 L,185;4z7M7
 MEDICINE, STRABISMUS
 26 N70 O'CONNOR (I). Heterophoria. (Trans Ophthalmol Soc UK. 89;1970; 951-4).
- L,185;433.56
 MEDICINE, EYE, FUNGAL DISEASE, GREAT BRITAIN
 27 N70 JONES (B R). Direct fungal infection of the eye in Britain. (Trans Ophthalmol Soc UK. 89; 1970; 727-41).
- L,18562;475-433
 MEDICINE, LACRIMAL SAC, FUNGAL ABSCESS
 28 145N70 JANOTKA (H). Mycotic abscess of the lacrimal Sac. (Pol). (Klin Oczna. 40;1970; 875-7).
- L,2 DIGESTIVE SYSTEM
 L,21 MOUTH
 L,2127 JAW
 L,2127;4723-4z35
 MEDICINE, JAW, CYST, HAEMORRHAGE
 29 N71 HUEBER (G R) and others. So-called (haemorrhagic) bone cysts of the jaws. (Oral Surg. 31;1971; 354-65).

- L₂₆ SMALL INTESTINE
 L₂₆;4364S+S-4d4
 MEDICINE, SMALL INTESTINE, STRONGYLOIDIASIS, FATAL
 30 N64 WILSON (S) and THOMPSON (A B). Fatal case of strongyloidiasis.
 (J Path Bact. 87;1964; 169-76).
- L₂₉₁ LIVER
 L₂₉₁;423-42774=zb:3
 MEDICINE, HEPATIC COMA, ACUTE, DIAGNOSIS
 31 N71 RUEFF (B) and others. Acute comatose hepatitis. Sympto-
 matology and natural course. (Minn Med. 54;1971; 91-6).
- L₃ CIRCULATORY SYSTEM
 L₃₂ HEART
 L₃₂₃ MUSCLE FIBRE
 L₃₂₃₃ MYOCARDIUM
 L₃₂₃₃;458
 MEDICINE, MYOCARDIUM, NECROSIS
 32 N69 THOMAS (M). Myocardial infection. (Int Anaesthesiol Clin.
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 L₃₂₃₈;424-4t=zc
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 TION
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 L₃₄;472-4d
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 L₃₅₂ CORPUSCLES
 L₃₅₂₁ ERYTHROCYTE
 L₃₅₂₁;471-4621
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 40 145N70 MLEKODAJ (S). Surgical treatment of chronic infectious pulmonary tuberculosis (Pol). (Gruzlica. 38;1970; 1181-6)
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 L,55 FEMALE GENITAL ORGAN
 L,553 UTERUS
 L,553;4z35;6,3GF1
 MEDICINE, UTERUS, HAEMORRHAGE, TREATMENT, PROGESTOGEN
 42 145N70 TETER (J). Controversy in the use of progestogens in the treatment of abnormal uterine bleeding. (Pol). (Gcnikol Pol. 41;1970; 1385-90).
- L,56 MALE GENITAL ORGAN
 L,568 PROSTATE
 L,568;47241C
 MEDICINE, PROSTATE, CARCINOMA
 43 115N71 LIAVAG (I). Recent views on the treatment of Prostatic carcinoma. (Nor). (Tidsokr Nor Laegeforen. 91;1971; 261-5).
- L,6 ENDOCRINE SYSTEM
 L,6;4F-408
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 44 5921N70 CURTEANU (G). Genetic syndrome with unusual characteristics. (Rum). (Padiatria (Bucur). 19;1970; 531-40).
- L,7 NERVOUS SYSTEM
 L,72 BRAIN
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 45 N65 HUNTINGTON (R W) and others. Discovery of fatal primary intra-cranial neoplasms at medicolegal autopsies. (Cancer. 18;1965; 117-27).

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 L,82 BONE
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- 46 112N70 KOCH (P W). Fractures of the olecranon (Dut). (Ned Tijds Geneesk. 114;1970; 2159-60).
- L,83 JOINT
 L,83;41-4f5. 8=9B
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- 47 N71 DOHERTY (R L). Epidemic polyarthritis in Eastern Australia. (Med J Aust. 1;1971; 5-8).
- L,87 SKIN
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- 48 N70 MILNE (J A). Advances in the treatment of diseases of the skin. (Pract. 205;1970; 452-8).
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- L9X INDUSTRIAL MEDICINE
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91 Consultation with Specialist

This schedule has been prepared in consultation with a specialist in Medical Sciences, Dr N Sivarajan, Government General Hospital, Madras. An experimental schedule of Human Disease had been published in the DRTC Seminar Volume for 1965 (6). During the last five years, this schedule has been modified in the light of experience gained at the Defence Institute of Physiology and Allied Sciences and the development in the theory and practice of design of Library Classification in India.

92 A Sequel

As a sequel to this depth version of CC, a depth version schedule for organs of the human body is in preparation. It forms the schedule of (IPI) isolates in 'L Medicine'. That schedule taken along with this schedule will be helpful in classifying and preparing Subject Headings for articles in periodicals embodying compound subjects going with the Main Subject 'L Medicine'.

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