

**Human Digestive System: Depth Classification Version of CC.**  
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[A Depth Classification Version of Colon Classification (=CC) for Compound Subjects going with the Host Subject "L, 2 Human Digestive System" is given. The methodology for the design of a freely-faceted scheme for classification and the current version of the notational system of CC have been used. An Alphabetical Index to the schedules, a list of 33 examples classified according to the scheme for classification, and an alphabetical index to the subjects are given.]

**ABBREVIATIONS USED:**

- (A1) .. Array of Order 1  
.. ..  
(A9) = Array of Order 9  
(CC) = Colon Classification  
(CN) = Class Number  
(E) = Energy Isolate  
(HS) = Host Subject  
(IN) = Isolate Number  
(2MM1) = Matter Method Isolate Round 2, Level 1  
(MP) = Matter Property  
(1P1) = Personality Isolate Round 1, Level 1  
(2P1) = Personality Isolate Round 2, Level 1  
(T) = Telescoping.

**1 Definition**

1 Digestive System.—The digestive tract from the mouth to the anus with all its associated organs and glands.

2 Organ.—Any part (differentiated) of the body exercising a specific function.

3 Gland.—A cell, tissue, or organ which elaborates and discharges a substance which is used elsewhere in the body (secretion) or eliminated (excretion).

4 Gastroenterology.—The branch of medical science that has to do with the stomach and intestine and their diseases (2, 9).

**2 Scope of the Paper**

This paper demonstrates the design of a depth classification version of CC for Compound Subjects going with the HS "L, 2 Human Digestive System". The methodology for designing a freely faceted scheme for classification based on postulates, canons, and principles, has been used (1, 3).

**3 Schedule of Isolates**

**31 SCHEDULE OF (1P1) ISOLATES**

The schedule given in Sec 7 of the paper gives a comprehensive list of organ of "L, 2 Human Digestive

System". The digestive system is broadly divisible into:

L,21	Mouth	L,25	Intestine
L,22	Pharynx	L,291	Liver
L,23	Oesophagus	L,293	Pancreas
L,24	Stomach		

**311 Intestine**

The Intestine, in its turn, is divisible into:  
L,26 Small intestine  
L,27 Large intestine

**312 Associated glands of the Digestive System**

The associated glands of the digestive system are:  
L,216 Salivary glands  
L,2161 Parotid gland  
L,2162 Submandibular gland  
L,2163 Sublingual gland  
L,291 Liver  
L,293 Pancreas

**313 Further Divisions**

The divisions of the digestive system are further divided and subdivided to give a comprehensive list of organs.

**314 Arrangement of (1P1) Isolates**

In the detailed enumeration of isolates denoting individual organs of the digestive system, the Principle of Spatial Contiguity and its corollaries have been generally followed:

**315 Speciators of Kind 2**

The schedule of Speciators of Kind 2 given along with the depth classification schedule of "L, 7 Human Nervous System" (5) may be used wherever necessary.

**32 SCHEDULES OF (MP) (1E) (2P1) AND (2MM1) ISOLATES**

The schedules for Matter-Property, Energy, Agent, and Method Isolates of CC, Ed 7 (in preparation)

may be used for constructing (CN) for Compound Subjects, wherever needed.

#### 4 Notation

41 DATA ON ISOLATES IN THE SCHEDULE  
In CC, Ed 7 (in preparation), in the schedule of organ isolates for "L2 Human Digestive System", about 82 isolates have been enumerated. The depth version consists of about 376 enumerated isolates. This has been possible because of the long base of CC's notational system and the use of sectorising digits.

#### 42 DATA ON THE NUMBER OF DIGITS IN (IN)

Table 1 gives data on the number of (IN) with 1 digit, 2 digits and so on, in the Depth Version.

421 Table 1. Number of Digits in (IN).

Number of		Cumulative Total	b x 100		c x 100	
Digits	Isolate Numbers		376	376		
a	b	c	d	e		
1	1	1	0.3	0.3		
2	7	8	1.8	2.1		
3	57	65	15.2	17.3		
4	121	186	32.1	49.4		
5	141	327	37.5	86.9		
6	43	370	11.5	98.4		
7	6	376	1.6	100.0		

A-cells 293b3A  
Abdominal part *ir* Oesophagus 234  
Accessory gland 2164  
pancreatic duct 2938  
part *ir* Parotid gland 21611  
Aggregated lymphatic follicles 2663  
Alveoli *ir* Salivary gland 216d  
Anal canal 2724  
columns 2724j  
crypt 2726j  
glands 2726  
sinusae 27242  
alves 27243  
Angle of the mouth 2113  
Angular notch 24321  
Ano-rectal Junction 27236  
Anterior border *ir* Body of pancreas 29336  
part *ir* Dorsum of tongue 21321  
pillar of fauces 21511  
surface *ir*

Body of pancreas 29331  
Head of pancreas 29311  
Liver 291h1  
Antero-medial *ir* Surfaces of parotid gland 216153  
superior *ir* Surfaces of stomach 2451  
Anus 2728  
Apex *ir* Tongue 21331  
Arcus palatoglossus 21511  
palatopharyngeus 21512  
Areolar coat *ir* Oesophagus 23c2  
Argyrophilic Cells 293b3A1  
Ascending Colon 27221  
part *ir* Duodenum 2614  
B-Cells 293b3B  
Bicuspid tooth 21435  
Bile 2915  
canaliculi 291b5  
duct 2917

Binuclear cells 291b12  
Body gland 2462  
*ir* Gall bladder 2922  
Pancreas 2933  
Borders *ir* Liver 291c  
Brunner's gland 26561  
Buccal glands 21232  
Bucco-pharyngeal fascia 22c4  
Caecum 2721  
Canine 21434  
Cardiac gland 2461  
impression 291h23  
notch 2481  
orifice 2481  
part *ir* Stomach 2483  
Caudate lobe 291r2  
process 291r21  
Cement 21412

#### 422. Annotation

About 86 per cent of the (IN) have less than 6 digits each; about 49 per cent have less than 5 digits each; and about 70 per cent have between 4 and 5 digits each. Thus, the length of the majority of the (IN) is within the range of the comfort of the physiology of eye and psychology of memory.

#### 423 Telescoping in Array

The scheduling of organ isolates in digestive system is comprehensive. There may not be case for addition of new isolate ideas to this schedule—that is, it is a relatively static universe. Therefore, telescoping in array has been adopted. This effects economy in the length of the (IN) and ultimately in that of the (CN).

#### 5 Notes on the Schedule

##### 51 MUSCLES OF PALATE, TONGUE, AND PHARYNX

The various muscles associated with digestive organs, such as, Palate, Tongue, and Pharynx have been enumerated in this schedule. It may be noted that these isolate terms denoting muscles could have been listed in the schedule for myology. But, since functionally these muscles have an important role in the digestive system, it has been found appropriate to enumerate the same in this schedule.

##### 52 DEVICES USED

No device, except the Enumeration Device, has been used in this schedule. However, Canon of Mnemonics and its corollaries have been respected in the construction of this schedule.

#### 6 Index to Schedule

Note.—All the terms belong to (IFI), but terms which are Special Components are indicated by the abbreviation (SpC) before the (IN).

- Central Vein 291b3  
 Centro-acinar cells 293b1  
 Cervical part *ir* Oesophagus 232  
 Cheek 2123  
 Chondroglossus 213F  
 Circular  
   fibres *ir* Oesophagus 23c32  
   folds *ir* Small intestine 26c11  
 Cloaca 292c  
   gall bladder 292c  
   large intestine 27c  
   oesophagus 23c  
   pharynx 22c  
   small intestine 26c  
   stomach 24c  
 Colic impression 291k6  
 Colon 2722  
 Common hepatic duct 2912  
 Constrictor  
   pharyngis  
     inferior 22C  
     medius 22D  
     superior 22E  
 Corium 211c  
 Crescents 216d11  
 Cricopharyngæus 22C1  
 Crown 21423  
 Cervicatus  
   *ir* Stomach 243  
 Oesop 2142851  
 Cystic duct 2927  
 D-odds 293b3D  
 Dead tracts 214134  
 Deciduous teeth 21431  
 Deep  
   part *ir*  
     Sphincter ani externus 272456  
     Submandibular gland 21622  
     surface *ir* Palatine tonsil 2273  
 Domilunes 216d11  
 Dorsal tubules 214131  
 Dentine 21413  
 Dermal papillae 213531  
 Descending  
   colon 27223  
   part *ir* Duodenum 2612  
 Digestive system 2  
 Distal *ir* Surfaces of tooth 214284  
 Dorsum *ir* Tongue 2132  
 Duodenal  
   glands 2617  
   impression 291k8  
   papilla 2618  
   Duodeno-jejunal flexure 26153  
   Duodenum 261  
 Enamel 21412  
 Excretory apparatus of the liver 2912\*Z  
 Extrinsic muscles *ir* Tongue 213C  
 Fauces 215  
 Fibro-muscular coat *ir* Gall bladder 292c3  
 Fibrous coat *ir*  
   Oesophagus 23c4  
   Pharynx 22c2  
 Filiform papillae 21353  
 Fissure for ligamentum  
   teres 291k3  
   venosum 291b44  
 Fissures *ir* Occlusal surface of teeth 2142852  
 Fissures of duodenum 2615  
 Floor *ir* Nasal part of pharynx 22c
- Foliate papillae 21333  
 Foramen caecum 21323  
 Fossa for gall bladder 291k5  
 Free surface *ir* Palatine  
   tonsil 2271  
 Frenulum 21122  
   linguae 21221  
 Fundus *ir*  
   Gall bladder 2921  
   Stomach 2421  
 Fungiform papillae 21352  
 Gall bladder 292  
   Gastric  
     gland 246  
     impression 291k1  
   Glenioglossus 213D  
   Glands of the mouth 216\*Z  
   Greater curvature *ir*  
     Stomach 2431  
   Groove for the inferior  
     vena cava 291h41  
   Gum 21411  
   Gustatory  
     calliculi 2136  
     cells 21363  
     pore 21362  
 Hard palate 21253  
 Hartman's pouch 29231  
 Head of pancreas 2931  
 Hepatic lobules 291b2  
 Hepato-pancreatic ampulla 261B  
 Horizontal part *ir* Duodenum 2613  
 Houston's valve 27235  
 Hyoglossal membrane 213m1  
 Hyoglossus 213E  
 Ileo-caecal  
   orifice 267  
   valve 268  
 Ileum 263  
 Iliacost 21433  
 Inferior  
   border *ir*  
     Body of pancreas 29337  
     Liver 291c2  
   duodenal flexure 26152  
   *ir* Surfaces of sub-mandibular  
     gland 216252  
   longitudinal muscle 213K  
   surface *ir*  
     Body of pancreas 29333  
     Liver 291k  
 Intestinal  
   glands 266  
   villi 264  
 Intestine 25  
 Intratonsillar cleft 2231  
 Intrinsic muscles *ir* Tongue 213H  
 Islands of Langerhans 293b3  
 Jejunum 262  
 Kinds of teeth 2143  
 Labial  
   commissure 21121  
   glands 21423  
   *ir* Surfaces of tooth 214281  
 Laccial 2641  
 Large intestine 27  
 Laryngeal part *ir* Palatine  
   tonsil 228  
 Lateral
- glosso-epiglottic fold 21343  
   *ir* Surfaces of submandibular  
     gland 216253  
 Left  
   colic flexure 272221  
   hepatic duct 2913  
   lobe *ir* Liver 291s  
   Lesser curvature *ir*  
     Stomach 2432  
   Levator veli palatini 2125C  
 Lingual  
   *ir* Surfaces of tooth 214282  
   tonsil 21341  
 Lips 211  
 Liver 291  
   cells 291b1  
 Lobes *ir*  
   Liver 291q  
   Salivary gland 216c  
 Longitudinal fibres *ir*  
   Large intestine 27c31  
   Oesophagus 23c31  
 Lower  
   lip 2112  
   part *ir* Palatine tonsil 224  
 Major  
   duodenal papilla 26181  
   sublingual duct 216372  
   Margin *ir* Tongue 21332  
   Masticatory *ir* Surfaces of tooth 214285  
   Meckel's diverticulum 2631  
   Medial *ir* Surfaces of  
     submandibular gland 216254  
   Median glosso-epiglottic fold 21342  
   Mental *ir* Surfaces of tooth 214283  
   Milk teeth 21431  
   Minor duodenal papilla 26182  
   Molar 21436  
   glands 212321  
 Mouth 21  
   cavity 212  
   proper 2122  
   floor 21222  
 Mucous  
   alveoli 216d1  
   coat *ir*  
     Gall bladder 292e1  
     Large intestine 27c1  
     Oesophagus 23c1  
     Pharynx 22c1  
     Small intestine 26c1  
     Stomach 24c1  
   glands *ir* Tongue 213D  
 Muscles of the  
   palate 2125B  
   pharynx 22B  
   tongue 213B  
 Muscular coat *ir*  
   Large intestine 27c3  
   Oesophagus 23c3  
   Small intestine 26c3  
   Stomach 24c3  
 Musculus uvulae 2125E  
 Nasal part *ir* Pharynx 22a  
 Nasolabial groove 21231  
 Neck *ir*  
   Gall bladder 2923  
   Pancreas 2932  
   Taste buds 21361  
   Tooth 21422  
 Non-angrophilic cells 293b3A2  
 Occlusal *ir* Surfaces of tooth 214285

- Odontoblasts 214152  
 Oesophageal impression 291h45  
 Oesophagus 23  
 Oriental tuberosity *irr*  
 Body of pancreas 29335  
 Liver 291k2  
**Oral**  
 fissure 21211  
   *part irr*  
     Pharynx 22f  
     Tongue 2133  
 Orifice and valve *irr*  
 Stomach 248  
 Oropharyngeal isthmus 217  
  
**Palate** 2125  
**Palatine**  
 aponeurosis 21254  
 tonsil 222  
**Palatoglossal arch** 21251f  
**Palatoglossus** 2125F  
**Palatopharyngeal arch** 212512  
   sphincter 22E1  
**Palatopharyngeus** 2125G  
**Pancreas** 293  
**Pancreatic duct** 2937  
 lobules 293b2  
 secretion 2935  
**Papillae** 2135  
 simplices 21354  
**Papillary process** 291i23  
**Parotid duct** 21617  
 gland 2161  
**Parts irr**  
 Large intestine 272  
 Pharynx 22d  
 Stomach 242  
 Pecten zone 2725  
 Pectinate line 27244  
**Pelvic colon** 27224  
   *irr* Vermiform appendix 272143  
**Periodontal membrane** 21417  
**Perineal flexure of rectum** 27232  
**Perivascular fibrous capsule** 291b6  
**Permanent teeth** 21432  
**Peritubular dentine** 214132  
**Peyer's patches** 2663  
**Pharyngeal bursa** 22p  
 opening of the auditory tube 22i  
   *part irr* Tongue 2134  
   recess 22k  
   tonsil 22m  
**Pharynx** 22  
 Philtrum 21111  
 Pillars of fauces 2151  
 Piriform fossa 2285  
**Plica**  
 firmbrata 21334  
 triangularis 226  
 Porta hepatis 291k4  
 Portal canals 291b4  
**Posterior part irr** Dorsum of the tongue 21322  
 pillar of fauces 21512  
 surface *irr*  
 Body of pancreas 29332  
 Head of pancreas 29312  
 Liver 291h4  
  
**Postero—**  
   *inferior irr* Surfaces of stomach 2452  
   *medial irr* Surfaces of parotid gland 216154  
**Pre dentine** 21414  
**Premolar** 21435  
**Pulp** 214151  
   cavity 21415  
**Pyloric gland** 2463  
   orifice 2482  
   *part irr* Stomach 2425  
   valve 24828  
  
**Quadrate lobe** 291r1  
**Rectal ampulla** 27234  
**Recto—**  
   coccygeal muscle 27c3112  
   urethralis muscle 27c3111  
**Rectum** 2723  
**Renal impression** 291k7  
**Retro-caecal irr** Vermiform appendix 272142  
**Right colic flexure** 272211  
   hepatic duct 2914  
   lobe *irr* Liver 291r  
   surface *irr* Liver 291h3  
**Roof irr** Nasal part of pharynx 22q  
   of mouth 2125  
**Root irr**  
   Tongue 2131  
   Tooth 21421  
  
**Sacral flexure of rectum** 27231  
**Salivary gland** 216  
**Salpingo—**  
   palatine fold 22j  
   pharyngeal fold 22h  
   pharyngeus 22c3  
   Septum of tongue 213m  
**Serous alveoli** 216d2  
   coat *irr*  
     Gall bladder 292c4  
     Large intestine 27c4  
     Small intestine 26c4  
     Stomach 24c4  
   glands *irr* Tongue 213e  
   Sigmoid colon 27224  
   Small intestine 26  
   Smaller sublingual duct 216371  
   Soft palate 21252  
**Solitary gland irr**  
   Large intestine 276  
   Small intestine 2662  
   lymphatic follicles *irr*  
   Large intestine 276  
   Small intestine 2662  
   Sphincter ani externus 27245  
   Spiral valve 29271  
   Stomach 24  
   Styloglossus 213G  
   Stylopharyngeus 22F  
   Subcaecal *irr* Vermiform appendix 272144  
   Subcutaneous part *irr*  
     Sphincter ani externus 272452  
**Sublingual duct** 21637  
   fold 212212  
   gland 2163  
  
**papilla** 212211  
**Submandibular duct** 21627  
   gland 2162  
**Submucous coat irr**  
   Large intestine 27c2  
   Oesophagus 23c2  
   Small intestine 26c2  
   Stomach 24c2  
   Sulcus terminalis 21324  
**Superficial irr** Surfaces of parotid gland 216152  
   *part irr*  
     Sphincter ani externus 272454  
     Submandibular gland 21621  
**Superior border irr** Body of pancreas 29334  
   duodenal flexure 26151  
   *irr* Surfaces of parotid gland 216151  
   longitudinal muscle 2137  
   *part irr* Duodenum 2611  
   surface *irr* Liver 291h2  
   Supporting cells 21364  
   Suprarenal impression 291h42  
   Supratonsillar fossa 2231  
   Surfaces of  
     liver 291h  
     palatine tonsil 227  
     parotid gland 21615  
     stomach 245  
     submandibular gland 21625  
     tooth 21428  
   Suspensory muscle of duodenum 2616  
  
**Taenia libera** 27c311  
**Tail irr** Pancreas 2934  
**Taste buds** 2136  
**Tensor veli palatini** 2125D  
**Thyropharyngeus** 22C2  
**Tongue** 213  
**Tonsillar crypts** 2272  
   sinus 225  
**Tooth** 214  
**Transverse colon** 27222  
   muscle 213M  
**Tuba**  
   elevation 22g  
   tonsil 22n  
   Tubercle *irr* Upper lip 21112  
**Tubules** 27361  
  
**Uncinate process** 29315  
**Upper lip** 2111  
   *part irr* Palatine tonsil 223  
**Uvular** 21251  
  
**Vallate papillae** 21351  
**Vermiform appendix** 27214  
**Vertical muscle** 213N  
**Vestibule** 2121  
  
**Walls irr** Nasal part of Pharynx 22s  
  
**7 Schedule L Medicin—**  
 Schedule of (IP) isolates for Human Digestive System  
  
**2 Digestive system**

## HUMAN DIOBTTIVE SYSTEM

B7

21	Mouth	213C	Intrinsic muscles	21641	Mucous alveoli
211	Lips			216411	Crescents/Demilunes
2111	Upper lip			21642	Serosa alveoli
21111	Philtrum	213D	Oenioglossus	2161	Parotid gland
21112	Tubercle	213E	Hyoglossus	21611	Accessory part
2112	Lower lip	213F	Chondroglossus	21615	Surfaces of Parotid gland
21121	Labial commissure	213G	Styloglossus	216151	Superior
21122	Frenulum linguae		T1 (A7) into (A4) ends	216152	Superficial
21123	Labial glands			216153	Anteromedial
2113	Angle of the mouth	213H	Intrinsic muscles	216154	Postero-medial
212	Mouth cavity			21617	Parotid duct
2121	Vestibule		T2 (A7) into (A4) begins	2162	Submandibular gland
21211	Oral fissure	213J	Superior longitudinal muscle	21621	Superficial part
2122	Mouth cavity proper	213K	Inferior longitudinal muscle	21622	Deep part
21221	Frenulum linguae	213M	Transverse muscle	21625	Surfaces of Submandibular gland
212211	Sublingual papilla			216252	Inferior
212212	Sublingual fold		T2 (A7) into (A4) ends	216253	Lateral
21222	Mouth floor		T1 (A6) into (A4) ends	216254	Medial
2123	Cheek			21627	Submandibular duct
21231	Nasolabial groove	214	Tooth	2163	Sublingual gland
21232	Buccal glands	21411	Gum	21637	Sublingual duct
212321	Molar glands	21312	Enamel/cement	216371	Smaller sublingual duct
2125	Palate/roof of mouth	21413	Dentine	216372	Major sublingual duct
21251	Uvula	214131	Dentinal tubules	2164	Accessory gland
212511	Palatoglossal arch	214132	Peritubular dentine	217	Oropharyngeal isthmus
212512	Palatopharyngeal arch	214134	Dead tracts		
21252	Soft palate	21414	Predentine	22	Pharynx
21253	Hard palate	21415	Pulp cavity	22c	Coats of pharynx
21254	Palatine aponeurosis	214151	Pulp	22c1	Mucous coat
2125B	Muscles of the palate	214152	Odontoblasts	22c2	Fibrous coat
		21417	Peridental membrane	22c3	Muscular coat
		21421	Root	22c4	Bucco-pharyngeal fascia
2125C	T1 (A7) into (A5) begins	21422	Neck	22d	Paris
2125D	Levator veli palatini	21423	Crown		
2125E	Tensor veli palatini	21428	Surfaces of tooth		
2125F	Palatoglossus	214281	Labial	22e	T1 (A5) into (A3) begins
2125G	Palatopharyngeus	214282	Lingual	22e	Nasal part
		214283	Mesial		
		214284	Distal		
213	Tongue	214285	Occlusal/Masticatory	22f	T1 (A6) into (A3) begins
213c	Cornua	2142851	Cusps	22f	Pharyngeal opening of the auditory tube
213d	Mucous glands	2142852	Fistules	22g	Tubal elevation
213e	Serosa glands	2143	Kinds of teeth	22h	Salpingopharyngeal fold
213m	Septum of tongue	21431	Milk/Deciduous teeth	22i	Salpingopalatine fold
213m1	Hyoglossal membrane	21432	Permanent teeth	22j	Pharyngeal recess
2131	Root	21433	Incisor	22k	Pharyngeal tonsil
2132	Dorsum	21434	Canine		
21321	Anterior part	21435	Pre-molar/Bicuspid tooth	22n	T1 (A7) into (A3) begins
21322	Posterior part	21436	Molar	22p	Tubal tonsil
21324	Foramen caecum		Note.—(1) Divide (IN)	22p	Pharyngeal bursa
2133	Sulcus terminalis		21433 to 21436 by (ND).		
21331	Oral part		(2) Specifiers of kind 2	22q	T1 (A7) into (A3) ends
21331	Apex		enumerated in the depth	22q	Roof
21332	Margis		classification schedule	22r	Floos
21332	Foliate papillae		" L, 7 Human Nervous	22s	Walls
21333	Plica fimbriata		System " (5) can be used		
21334	Pharyngeal part		wherever necessary.	22t	T1 (A6) into (A3) ends
21341	Lingual tonsil		(Illustrative)		
21342	Median glosso-epiglottic fold	214331	First incisor	221	Oral part
21343	Lateral glosso-epiglottic fold	214331 = 1	First upper incisor		
2135	Papillae	21436 = k	Lower molar	222	T2 (A6) into (A3) begins
21351	Vallate papillae	21436D	Twelfth molar		
21352	Fungiform papillae	21436D = k	Twelfth lower molar		
21353	Filiform papillae				
213531	Dermal papillae			223	T3 (A7) into (A3) begins
21354	Papillae simplex	215	Fauces	2231	Upper part
2136	Taste buds (Gustatory calliculi)	2151	Pillars of Fauces		
21361	Neck	21511	Anterior pillar of fauces/ Arcus palatoglossus	224	Infratonsillar cleft/Supratonsillar fossa
21362	Gustatory pore	21512	Posterior pillar of fauces/ Arcus palatopharyngeus	225	Lower part
21363	Gustatory cleft			226	Tonsillar sinus
21364	Supporting cells	216*Z	Glands of the mouth	227	Plica triangularis
213B	Muscles of the tongue	216	Salivary gland	227	Surfaces of palatine tonsil
		216c	Labia	2271	Free surface
		216d	Alveoli	2272	T1 (A9) into (A4) begins
					T1 (A9) into (A4) ends

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2273	Deep surface T2 (A7) <i>into</i> (A3) <i>ends</i> T2 (A6) <i>into</i> (A3) <i>ends</i>	26151 26152 26153 2616	Superior duodenal flexure Inferior duodenal flexure Duodenojejunal flexure Suspensory muscle of the duodenum	291b3 291b4 291b5 291b6 291c 291c2	Central vein Portal canals Bile canaliculi Perivascular fibrous capsule Borders Inferior border
228	Laryngeal part	2617	Duodenal glands	291c2	Surface of liver
228.5	Piriform fossa	2618	Duodenal papilla	291h	Anterior surface
22B	Muscles of the pharynx	26181 26182 2618	Major duodenal papilla Minor duodenal papilla Hepatopancreatic ampulla	291b2 291h2 291h3	Superior surface Cardiac impression
22C	T3 (A6) <i>into</i> (A3) <i>begins</i>	262	Jejunum	291h3	Right surface
22C1	Cricopharyngeus	262	Ileum	291h4	Posterior surface
22C2	Thyropharyngeus	263	Ileum	291h4	Groove for the inferior vena cava
22D	Constrictor pharyngis medius	2631	Muscle's diverticulum	291h42	Suprarenal impression
22E	Constrictor pharyngis superior	264	Intestinal villi	291h44	Fissure for ligamentum venosum
22E1	Palato-pharyngeal sphincter	2641	Lacteal	291h45	Oesophageal impression
22F	Stylopharyngeus	266	Intestinal glands	291k	Inferior surface
22G	Salpingopharyngeus T3 (A6) <i>into</i> (A3) <i>ends</i> T1 (A5) <i>into</i> (A3) <i>ends</i>	2661 2662 2663	Brunner's gland Solitary gland/Solitary lymphatic follicles Peyer's patches/Aggregated lymphatic follicles	291k1 291k2 291k3	Gastric impression Omental tuberosity Fissure for ligamentum teres
23	Oesophagus	267	Ileocecal orifice	291k4	Porta hepatis
23c	Coats of oesophagus	268	Ileocecal valve	291k5	Fossa for gall bladder
23e1	Mucous coat	27	Large intestine	291k6	Colic impression
23e2	Submucous coat/Areolar coat	27c	Coats of large intestine	291k7	Renal impression
23e3	Muscular coat	27c1	Mucous coat	291k8	Duodenal impression
23e3.1	Longitudinal fibres	27c2	Submucous coat	291k	Lobes
23e3.2	Circular fibres	27c3	Muscular coat		T3 (A5) <i>into</i> (A3) <i>begins</i>
23e4	Fibrous coat	27c31	Longitudinal fibres	291r	Right lobe
232	Cervical part	27c311	Tennis rackets	291r1	Quadratus lobe
234	Abdominal part	27c3111	Recto-urethralis muscle	291r2	Caudate lobe
24	Stomach	27c3112	Recto-coccygeal muscle	291r2	Caudate process
24c	Coats of stomach	27c4	Serous coat	291r23	Papillary process
24e1	Mucous coat	272	Parts		Left lobe
24e2	Submucous coat	2721	Caecum		T3 (A5) <i>into</i> (A3) <i>ends</i>
24e3	Muscular coat	27214	Vermiform appendix	2912*2	Excretory apparatus of the liver
24e4	Serous coat	272142*2	By Position	2912	Common hepatic duct
242	Parts	272142	Retrocæcal		
2421	Fundus	272143	Pelvic		
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2425	Pyloric part	2722	Colon		
243	Curvatures	27221	Ascending colon	2913	Left hepatic duct
2431	Greater curvature	272211	Right colic flexure	2914	Right hepatic duct
2432	Lesser curvature	27222	Transverse colon		T3 (A5) <i>into</i> (A3) <i>ends</i>
24321	Angular notch	272221	Left colic flexure	2915	Bile
245	Surfaces of stomach	27223	Descending colon	2917	Bile duct
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2461	Cardiac gland	27232	Rectal ampulla	292c1	Mucous coat
2462	Body gland	27233	Houston's valve	292c2	Fibromuscular coat
2463	Pyloric gland	27234	Anorectal junction	292c4	Serous coat
248	Orifice of valve	2724	Anal canal	292f	Fundus
2481	Cardiac orifice	27241	Anal columns	292g	Body
2481.1	Cardiac notch	27242	Anal sinuses	292h	Neck
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2482.8	Pyloric valve	27244	Pectinate line	292j	Cystic duct
25	Intestine	27245	Sphincter ani externus	292j1	Spiral valve
	T1 (A4) <i>into</i> (A2) <i>begins</i>	272452	Subcutaneous part		
26	Small intestine	272454	Superficial part	293	Pancreas
26c	Coats of small intestine	272456	Deep part	293b1	Centro-accinar cells
26c1	Mucous coat	2725	Peyer's zone	293b2	Pancreatic lobules
26c1.1	Circular folds	2726	Anal glands	293b3	Islands of Langerhans
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2615	Flexures of Duodenum	291b2	Hepatic lobules	29313	Uncinate process
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2933	Body	29334	Superior border	2934	Tail
29331	Anterior surface	29335	Omental tuberosity	2935	Pancreatic secretion
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## 8 Examples

### 81 ALPHABETICAL INDEX TO SUBJECTS

Given below is an alphabetical index to the subjects of the documents listed in Sec 82 Classified Part. The Serial Number of the entry in Sec 82 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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- 1 N72 CVETOJEVIC-SAVIC (M) and others. Tumours of the digestive system in our patient material. (Med Glas. 26:1972;413-8).
- L,21\*Z MOUTH AND PHARYNX  
L,21\*Z:41:6 MEDICINE, MOUTH AND PHARYNX; INFLAMMATION; TREATMENT
- 2 113N73 SPRENGER (F). Inflammatory diseases of the mouth and pharyngeal area. Possibilities of a conservative therapy. (Ger). (Med Welt. 24:1973;1819-20).
- L,21 MOUTH  
L,212 MOUTH CAVITY;  
L,212:3 MEDICINE, MOUTH CAVITY; PHYSIOLOGY
- 3 113N73 FAZEKAS (A). Temperature changes within the oral cavity during the process of eating. (Ger). (ZWR. 82:1973;950-6).
- L,21222 MOUTH FLOOR  
L,21222:4724.4 MEDICINE, MOUTH FLOOR; CANCER; PATHOLOGY
- 4 123N73 REIS (S M). Giant cyst of the floor of the mouth. (Spa). (Rev port estimatol cir maxilofac. 14:1973;208-15).
- L,213 TONGUE  
L,213:3 = 03 MEDICINE, TONGUE; PIGMENTATION
- 5 N72 RAO (D C) and others. Tongue pigmentation in man. (Acta genet med gemellol (Roma). 21:1972;221-32).
- L,214 TOOTH  
L,214:4x:6 MEDICINE, TOOTH; DISCOLOURATION; TREATMENT
- 6 N74 BROWN (W E) and other. Tetracycline staining. (J Amer dent assn. 88:1974;686).
- L,21412 ENAMEL  
L,21412:18 MEDICINE, TOOTH ENAMEL; HISTOLOGY
- 7 113N73 KOZYKOWSKY (U) and others. Histological studies on fluoride containing preparations for topical use on in vitro treated dental enamel of human teeth. (Ger). (Dtsch Stomatol. 23:1973;809-16).
- L,21431 DECIDUOUS TEETH  
L,21431:457A:5 MEDICINE, DECIDUOUS TEETH; DEGENERATION PREVENTION
- 8 N73 TOTH (K). Caries prevention in deciduous dentition using table salt fluoridation. (J dent res. 52:1973;533-4).
- L,21432 PERMANENT TEETH  
L,21432-21421:2 MEDICINE, PERMANENT TEETH—ROOT; ANATOMY
- 9 122N73 DANDOIT (R). Comparative position of the apex of the central incisors and the upper permanent first molars in the child and adult on the teloradiographic profile image. (Fre). (Acta stomatol beig. 70:1973;425-30).
- L,214331 CENTRAL INCISOR  
L,214331:478 MEDICINE, CENTRAL INCISOR; FRACTURE
- 10 N74 MOYER (P C) and others. Unusual fracture of the central incisor. (J Amer dent assn. 88:1974;838-41).
- L,214363 = k LOWER THIRD MOLAR  
L,214363 = k;4:77 MEDICINE, LOWER THIRD MOLAR; DISEASE; EXCISION
- 11 N74 LILLY (G E) and others. Alveolar osteitis associated with mandibular third molar extractions. (J Amer dent assn. 88:1974;802-6).
- L,216 SALIVARY GLAND  
L,216:2 MEDICINE, SALIVARY GLAND; ANATOMY
- 12 N74 WESCOTT (W B). Anatomy of salivary glands. (J dent res. 53:1974:499).
- L,2161 PAROTID GLAND  
L,2161:472.4 MEDICINE, PAROTID GLAND; TUMOUR; PATHOLOGY.
- 13 122N73 MUSY (J P) and others. Histochemical study of a recurrent mixed tumour of the parotid gland. (Fre). (Ann Anat Pathol. (Paris). 18:1973;347-56).
- L,22 PHARYNX  
L,22:4725 MEDICINE, PHARYNX; BENIGN TUMOUR



- 14 N74 PARKIN (J L) and others. Benign masses of the pharynx. (Rocky mt med j. 71;1974;34-7).
- L,222 PALATINE TONSIL  
L,222;47241 MEDICINE, PALATINE TONSIL; EPITHELIAL CARCINOMA
- 15 123N72 MARTINEZ (V J). Epidermoid carcinoma of the palatine tonsil. (Spa). (Acta otorinolaryngol iber am. 23; 1972;862-73).
- L,23 OESOPHAGUS  
L,234;4772 = zb:6 MEDICINE, LOWER OESOPHAGUS; PERFORATING WOUND—ACUTE: TREATMENT
- 16 N70 DANGER (F J) and others. Gastric buttress for the management of acute perforation of the lower oesophagus. (Eur surg res. 2;1970; 233-40).
- L,24 STOMACH  
L,2431 GREATER CURVATURE  
L,2431;4745 = zd MEDICINE, STOMACH—GREATER CURVATURE; BENIGN ULCER = CHRONIC
- 17 N71 PALMER (E D). Benign chronic gastric ulcer on the greater curvature. (Gen. 26;1971;5-11).
- L,24828 PYLORIC VALVE  
L,24828;47117 MEDICINE, PYLORIC VALVE; STENOSIS
- 18 N73 KAUSHIK (S P) and others. Study of pyloric stenosis in South India. (Ind j med res. 61;1973;1513-8).
- L,25 INTESTINE  
L,25;474 MEDICINE, INTESTINE; ULCER
- 19 121N72 CRISTINE (C) and others. Intestinal ulcer due to indomethacin. (Ita). (Arch sci biol (Bologna). 56; 1972;115-21).
- L,26 SMALL INTESTINE  
L,261 DUODENUM  
L,261-26cl;3 MEDICINE, DUODENUM—MUCOUS COAT; PHYSIOLOGY
- 20 N72 CETTA (G) and others. Glycoproteins from bovine duodenal mucosa. (Ital j biochem. 21;1972;275-88).
- L,2616 SUSPENSORY MUSCLE OF DUODENUM  
L,2616;2 MEDICINE, SUSPENSORY MUSCLE OF DUODENUM; ANATOMY
- 21 N72 COSTACURTA (L). Anatomical and functional aspects of the human suspensory muscle of the duodenum. (Acta Anat (Basel). 82;1972;34-46).
- L,266 INTESTINAL GLAND  
L,2661 BRUNNER'S GLAND  
L,2661;2'' y7, (K, 972) MEDICINE, BRUNNER'S GLAND " CASE STUDY, MARSUPIAL
- 22 N72 KRAUSE (W J). Distribution of Brunner's glands in 55 marsupial species. (Acta Anat (Basel). 82; 1972;17-33).
- L,27 LARGE INTESTINE  
L,27;458-4255-4a (L;47174= 04C) MEDICINE, LARGE INTESTINE; INFARCTION—HAEMORRHAGE caused by CHOLESTEROL EMBOLISM
- 23 113N74 SUSSER (H) and others. Extensive haemorrhagic infarction of the large intestine in cholesterol embolism. (Ger). (Schweiz med wochenschr. 104;1974;400-3).
- L,2722 COLON  
L,2722;4F-4717;3253 MEDICINE, COLON; CONGENITAL—CLOSURE; X-RAY DIAGNOSIS
- 24 N73 BLEY (W R) and others. Roentgenology of colon atresia. (Pediatr radiol. 1;1973;105-8).
- L,27224 SIGMOID COLON  
L,27224;4724 MEDICINE, SIGMOID COLON; CANCER
- 25 N74 SAKKAS (J L) and others. Urologic complications in malignant disease of the recto-sigmoid colon. (South med j. 67;1974;287-91).
- L,291 LIVER  
L,291;477;7 MEDICINE, LIVER; INJURY; SURGERY
- 26 N73 LINDAHL (F) and others. Treatment of liver injuries. (Ugeskr Laeger. 135;1973;2609-12).
- L,291bl LIVER CELLS  
L,291bl;3 MEDICINE, LIVER CELLS; PHYSIOLOGY
- 27 N70 LAMBOTTE (L). Hepatic cell membrane potential, a new assay for preserved organs viability. (Eur surg res. 2;1970;241-50).
- L,291bl;2'' y7(K, 9793) MEDICINE, BINUCLEAR LIVER

- CELLS; ANATOMY " CASE STUDY.  
RODENTS
- 28 142N73 RIABININA (Z A). Binuclear and polyploid liver cells in mice of different lines. (Rus). (Biull Eksp Biol Med. 75;1973;94-6).
- L,291k4 PORTA HEPATIS  
L,291k4;2 MEDICINE, PORTA HEPATIS; ANATOMY
- 29 142N73 URMANOV (M I). Architecture of the portal triad in relation to the general anatomy of the liver in man and in certain animals (Rus). (Arkh Anat Gistol Embriol. 65; 1973;81-8).
- L,292 GALL BLADDER  
L,292;471311 = zb MEDICINE, GALL BLADDER; TORSION = ACUTE
- 30 N74 PHOMPHLAI (C). Acute torsion of the gall-bladder. (J med assn Thai. 57;1974;28-31).
- L,2927 CYSTIC DUCT  
L,2927;471 MEDICINE, CYSTIC DUCT; STRUCTURAL ABNORMALITY
- 31 N74 ALLAN (S) and others. Agnesis of the gall bladder and cystic duct. (Brit j surg. 61;1974;145-6).
- L,293 PANCREAS  
L,293b1 ISLANDS OF LANGERHANS  
L,293b3;2 MEDICINE, ISLANDS OF LANGERHANS; ANATOMY
- 32 N74 WITTINGEN (J) and others. Islet concentration in the head, body, tail and uncinat process of the pancreas. (Ann surg. 179;1974; 412-4).
- L,2931;47252A MEDICINE, HEAD OF PANCREAS; ADENOMA
- 33 N74 PIFFARETTI (P G) and others. Adenoma of the head of the pancreas. (Radiol clin biol. 43;1974;233-41).

## 91 Sequel

As a sequel to this depth version of CC, depth schedules for Circulatory System, Respiratory System, Genito-urinary System, and Endocrine System will be published. The above mentioned schedules together with the schedules on Nervous System (5), Skeletal System (6), Syndesmology, Myology and Dermal System (8), and Regional organs of human body (7), will form the schedule of (IP1) isolates in 'L. Medicine'. These schedules taken along with the depth classification schedule for Human disease (4), and Medicine schedule in CC, Ed 7 (in preparation) will be helpful in classifying and preparing Subject Headings for articles in periodicals embodying Compound Subjects going with the Primary Basic Subject 'L. Medicine'.

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- 5 Sec 315 —. Human Nervous System: Depth Classification version of CC. (Lib sc. 10;1973;Paper B).
- 6 Sec 91 —. Human Skeletal System: Depth classification version of CC. (Lib sc. 10;1973;Paper V).
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