

LEMBASE (Excerpta Medica Learning Database)

- Subject Coverage**
- Alternative medicine
 - Biological science relevant to human medicine
 - Biochemistry
 - Biomedical engineering and medical instrumentation
 - Biotechnology
 - Clinical and experimental medicine
 - Drugs
 - Environmental science
 - Forensic science
 - Hospital management
 - Industrial medicine
 - Medical devices
 - Occupational hygiene
 - Pediatrics
 - Pharmacy
 - Pharmacology and drug therapy
 - Pharmaco-economics
 - Public health

File Type Bibliographic, Learning

Features

Thesaurus	Controlled Term (/CT)			
Alerts (SDIs)	None			
CAS Registry Numbers®	<input checked="" type="checkbox"/>	Page Images	<input type="checkbox"/>	STN AnaVist <input type="checkbox"/>
Keep & Share	<input checked="" type="checkbox"/>	SLART	<input checked="" type="checkbox"/>	STN Easy <input type="checkbox"/>
Learning Database	<input checked="" type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer <input type="checkbox"/>

- Record Content**
- Bibliographic information
 - Controlled terms (EMTREE drug and medical descriptors)
 - Drug trade names and their manufacturers
 - Medical device trade names and manufacturers (1998 to the present)
 - Approximately 80% of the records include abstracts
 - CAS Registry Numbers

File Size 13,559 (5/11)

Coverage Selected records from 1947-2009

Updates None

Language English

Database Producer

In North America:
 Elsevier B.V.
 Bibliographic Databases
 360 Park Avenue South
 New York, NY 10010-1710 USA
 Phone: 212-989-5800
 Fax: 212-633-3990
 E-mail: usembaseinfo@elsevier.com

**Database
Producer**

In Europe and Rest of World (outside Japan):
Elsevier B.V.
E-products Team
Radarweg 29
Amsterdam 1043 NX
Netherlands
Phone: (+31) 20 485 3911
Fax: (+31) 20 485 2912
E-mail: ebd-marketing@elsevier.com

In Japan:
Elsevier B.V.
Bibliographic Databases
1-9-15 Higashi-Azabu
Minato-ku Tokyo 106-0044
Japan
Phone: (+81)-3-5561-5031
Fax: (+81)-3-5561-5046
E-mail: jpembaseinfo@elsevier.com

Sources

More than 4,600 journals from about 70 countries (approximately 95% of file)
Books, conference proceedings, and reports (approximately 5% of file)

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
 - EMBASE Quick Reference Guide: STN (available from the producer)
 - EMBASE List of Journals Indexed (available from the producer)
 - EMTREE Thesaurus (available from the producer)
-

Clusters

- LEARNING
[STN Database Clusters](#) information (PDF).
-

Pricing

See the [STN Price List](#) or enter HELP COST at an arrow prompt (=>).

Search and Display Field Codes

The fields that allow left truncation are marked with an asterisk (*).

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index * (contains single words from the title (TI), abstract (AB), controlled term (CT), chemical name (CN), corporate name (CO), name of product (NP), and gene number (GEN) fields, as well as CAS Registry Numbers)	None (or /BI)	S STOMACH ULCER S 51481-61-9 S FOOD(1W)DRUG ADMINISTR? S ?SPRAY?	AB, CN, CO, CT, GEN, NP, RN, TI
Abstract *	/AB	S IMAGING STUD?/AB S ?PHYSEM?/AB	AB
Accession Number	/AN	S 85114254/AN S 2005469912/AN	AN
Author (includes editor) (6)	/AU	S JONES, E A/AU S O REILLY?/AU	AU, SO
Chemical Name (Drug or Medical Device Trade Name) (1,2)	/CN	S TAGAMET/CN S NEMBUTAL/CN (L) LABAZ/CO	CN
Chemical Name Segment*	/CNS	S THIOL/CNS	
Clinical Trial Numbers	/NCT	S NCT00004730/NCT S ISRCTN78047760/NCT	NCT
Controlled Term (contains Medical Descriptors, Drug Descriptors, including major terms, and EMTREE codes) (3)	/CT	S STOMACH ULCER/CT (L) DT/CT S *STOMACH ULCER/CT S LINDANE+ALL/CT S CISPLATIN/CT (L) IT/CT S PANCREAS DISEASE/CT S ANIMAL EXPERIMENT/CT AND L1 S C2.220.670./CT	CT
Corporate Name (Manufacturer)(2,4)	/CO	S CALBIOCHEM/CO S RESEARCH BIOCHEMICALS/CO	CO
Corporate Source (4,6)	/CS	S UNIV ARIZ?/CS	CS
Country of Publication (ISO code and text)	/CY	S FRANCE/CY S JP/CY	CY
Document Type (code and text)	/DT (or /TC)	S CONFERENCE/DT S C/DT	DT
Email Address (4)	/EML	S SANDHOFF@UNI-BONN.DE/EML S SANDHOFF DE/EML	CS, EML
Entry Date (5)	/ED	S L1 AND ED>20041100	ED
Field Availability	/FA	S L2 AND AB/FA S L2 AND RN/FA	Not displayed
File Segment (code and text)	/FS	S 016/FS S CANCER/FS S CLASSIC/FS S MEDLINE/FS	FS
Gene Number	/GEN	S A02168/GEN	GEN
International Standard (Document) Number (ISBN, ISSN, CODEN)	/ISN	S LANCAO/ISN S 0388-6107/ISN S 0444810153/ISN	ISN, SO
Journal Title (contains full and abbreviated title)	/JT	S J CARD SURG/JT S JOURNAL OF CARDIAC SURGERY/JT	JT, JTA, JTF, SO
Language (ISO code and text)	/LA	S L1 AND EN/LA	LA
Meeting Date	/MD	S 20090925/MD	MD, SO
Meeting Information	/MT	S INSULIN/MT	MT, SO
Meeting Location	/ML	S NORWAY/ML	ML, SO
Meeting Year	/MY	S 2009/MY	MY, SO
Name of Product	/NP	S ACUSON 128?/NP	NP
Publication Date (5)	/PD	S 20040100-20050600/PD	PD, SO
Publication Year (5)	/PY	S 2003-2004/PY	PY, SO
Publisher	/PB	S ELSEVIER IRELAND/PB	PB

Search and Display Field Codes (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Publisher Item Identifier	/PUI	S "S 0001-706X(96)00022-8"/PUI	PUI
Source (contains abbreviated journal title, publication date, collation information (volume, issue, pagination, and number of references), meeting information, ISSN, ISBN, and CODEN)	/SO	S HEMATOL PATHOL/SO S (1011-6788 AND 2004)/SO	SO
Summary Language (ISO code and text)	/SL	S L3 AND EN/SL	SL
Supplementary Terms	/ST	S HIPPOCAMPUS/ST	ST
Title *	/TI	S AMINO ACID#/TI	TI
Update Date (5)	/UP	S UP20050119	ED

- (1) Medical device trade names are available from 1998 to the present.
- (2) For data after mid-1998, you can use the (L) operator to link the trade names in /CN to manufacturer names in /CO.
- (3) An online thesaurus is available in this field.
- (4) Search with implied (S) proximity is available in this field.
- (5) Numeric search field that may be searched with numeric operators or ranges.
- (6) Use (L) to link AU CS pairs.

Limiting Search Codes

Only an L-number for an answer set created in EMBASE may be limited.

Search Field Name	Search Code (1)	Search Examples
Animal subject	/NONHUMAN	S L4/NON
English language records	/ENGLISH	S L1/MAJ,ENG (2)
Female subject	/FEMALE	S L3/FEM
Human subject	/HUMAN	S L1/HUM
Major descriptor	/MAJOR	S L1/MAJ (3)
Male subject	/MALE	S L2/MAL

- (1) The code may be abbreviated to the first three letters.
- (2) An answer set may be limited to more than one subject area.
- (3) Major terms may be searched directly in the Controlled Term (/CT) field by preceding the search term with an asterisk, e.g., S *LUNG EMBOLISM/CT.

Controlled Term (/CT) Thesaurus

All relationship codes may be used with both the SEARCH and EXPAND command in the Controlled Term (/CT) thesaurus.

Code	Content	Example
ALL	All associated terms (BT, SELF, NOTE, HNTE, RN, USE, UF, NT, RT)	E JOINT INJURY+ALL/CT
AUTO	Automatic Relationship (SELF, USE)	E LINDANE+ALL/CT E ARTICULAR TRAUMA+AUTO/CT
BT	Broader Terms (BT, SELF)	E ANEURYSM+BT/CT
HIE	Hierarchy (Broader and Narrower Terms) (BT, SELF, NT)	E MYOPATHY+HIE/CT
KT	Keyword Terms (multiword phrases containing term) (SELF, KT)	E LYMPHOMA+KT/CT
NOTE	Notes associated with the term (SELF, NOTE, HNTE, RN)	E VIRILIZATION+NOTE/CT
NT	Narrower Terms (SELF, NT)	S STOMACH DISEASE+NT/CT
PFT	Preferred Terms and Synonyms (SELF, USE, UF)	S THROMBOSIS+PFT/CT
RT	Related Terms (SELF, RT)	E ENVIRONMENTAL CHEMICAL+RT/CT
STD	Standard (Broader, Narrower, and Related Terms) (BT, SELF, NT, RT)	E KIDNEY FAILURE+STD/CT
UF	Used For (Synonyms) (Forbidden Terms) (SELF, UF)	E ASPARAGINE+UF/CT
USE	Use (Preferred Terms) (SELF, USE)	E ARTICULAR TRAUMA+USE/CT

(1) Automatic relationship is SET OFF. When SET REL is ON, the result of EXPAND without any relationship code is the same as described for AUTO.

Thesaurus Field Descriptors

Code	Description
→	Self
BT	Broader Term
KT	Keyword Term
NOTE	Note
NT	Narrower Term
RT	Related Term
UF	Used For Term (Synonym)
USE	Use (Preferred) Term

LEMBASE**DISPLAY and PRINT Formats**

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 BIB ABS; D L1 TI,AU,SO,CS,AB. The fields are displayed in the order specified.

Hit-term highlighting is available for all searchable fields. Highlighting must be ON during SEARCH to use the HIT, HITIND, KWIC, and OCC formats.

Format	Content	Examples
AB	Abstract	D AB L4 1-5
AN (1)	Accession Number	D AN 1-15
AU	Author	D AU 5 6 8-10
CN (TN) (1)	Chemical Name (Drug Trade Name)	D CN L1
CO (1)	Corporate Name (Manufacturer)	D 1-6 L2 CO
CS	Corporate Source	D CS L11
CT (1)	Controlled Term	D CT 1-17
CY	Country of Publication (ISO names)	D 1-7 CY
DT (TC)	Document Type	D DT 4-18 L3
ED (UP)	Entry Date	D ED, D UP
EML (2)	Email Address	D EML
FS	File Segment	D FS 1-2
GEN (1)	Gene Number	D GEN
ISN (2)	International Standard (Document) Number	D 5,6 ISN
JT (2)	Journal Title	D JT
JTA (2)	Journal Title, Abbreviated	D JTA
JTF (2)	Journal Title, Full	D JTF
LA	Language	D LA 4 6 10
MD (2)	Meeting Date	D MD
ML	Meeting Location	D ML-
MT	Meeting Information	D MT
MY	Meeting Year	D MY
NCT	Clinical Trial Numbers	D NCT
NP (1)	Name of Product	D NP
PB	Publisher	D PB
PD (2)	Publication Date	D PD
PUI	Publisher Item Identifier	D PUI
PY (2)	Publication Year	D JT PY
RN (1)	CAS Registry Number	D RN 1-15 L2
SL	Summary Language	D SL 1-5
SO	Source	D 5 L3 SO
ST	Supplementary Terms	D ST
TI (1)	Title	D TI 50-70
ABS	AB	D ABS 1-10
ALL	AN, TI, AU, CS, SO, PB, PUI, CY, DT, FS, NCT, LA, SL, ED (UP), AB, CT, ST, RN, CN, NP, CO, GEN	D ALL 5-10
AU.CS	AU, CS (grouped in pairs)	D AU.CS
BIB	AN, TI, AU, CS, SO, PB, PUI, CY, DT, FS, NCT, LA, SL, ED (UP) (BIB is the default)	D BIB 1-10
CBIB	AN, compressed bibliographic data	D CBIB
DALL	ALL, delimited for post-processing	D DALL
IABS	AB, with text labels	D IABS
IALL	ALL, indented with text labels	D IALL
IBIB	BIB, indented with text labels	D IBIB
IND (1)	CT, ST, RN, CN, NP, CO, GEN	D IND L2 1-10

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
SCAN (1,3)	TI, CT, ST, RN, CN, NP, CO, GEN (random display without answer numbers)	D SCAN
TRIAL (TRI,FREE, SAM) (1)	TI, CT, ST, RN, CN, NP, CO, GEN	D 1-3 TRIAL
HIT HITIND (1) KWIC OCC (1)	Fields containing hit terms IND Hit term with 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D HIT 5-10 D HITIND D KWIC 1-3 D OCC 1-6

(1) No online display fee for this format.

(2) Custom display only.

(3) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y	N
Accession Number	AN	Y	N
Author	AU	Y	Y
CAS Registry Number	RN	Y (2)	N
Chemical Name (Drug Trade Name)	CN	Y	Y
	NAME	Y (2)	N
Chemical Name and CAS Registry Number	CHEM	Y (2)	N
Citation	CIT	Y (3,4)	N
Classification Code (File Segment)	CC	Y	Y
Clinical Trial Numbers	NCT	Y	Y
CODEN	CODEN	N	Y
Controlled Term	CT	Y	N
Corporate Name (Manufacturer)	CO	Y	Y
Corporate Source	CS	Y	Y
Country of Publication	CY	Y	Y
Document Type	DT	Y	Y
Email Address	EML	Y	N
Entry Date	ED	Y	Y
File Segment	FS	Y	Y
Genbank Number	GENBANK	Y (2)	N
Gene Number	GEN	Y	Y
International Standard Book Number	ISBN	N	Y
International Standard (Document) Number	ISN	Y (5)	N
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y	Y
Journal Title, Abbreviated	JTA	Y (6)	Y
Journal Title, Full	JTF	Y (6)	Y
Language	LA	Y	Y
Meeting Date	MD	Y	Y
Meeting Information	MT	Y	Y
Meeting Location	ML	Y	Y
Meeting Year	MY	Y	Y
Name of Product	NP	Y	Y

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Occurrence Count of Hit Terms	OCC	N	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y
Publisher Item Identifier	PUI	Y	Y
Source	SO	Y (7)	N
Summary Language	SL	Y	Y
Supplementary Terms	ST	Y	N
Title	TI	Y (default)	Y
Trade Name	TN	Y	Y
Treatment Code	TC	Y	Y
Update Date	UP	Y	Y

- (1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT RN.
(2) Appends /BI to the terms created by SELECT.
(3) SELECT HIT and ANALYZE HIT are not valid with this field.
(4) Extracts the first author, publication year, volume, and first page with a truncation symbol appended and /RE appended to the terms created by SELECT.
(5) Selects or analyzes ISSN, ISBN, and CODEN with /ISN appended to the terms created by SELECT.
(6) Appends /JT to the terms created by SELECT.
(7) Selects or analyzes ISSN, ISBN, and CODEN with /SO appended to the terms created by SELECT.

Sample Records**DISPLAY IALL**

ACCESSION NUMBER: 2007108475 LEMBASE
TITLE: Hypocaloric feeding: Pros and cons.
AUTHOR: Berger, Mette M. (correspondence); Chiolero, Rene L.
CORPORATE SOURCE: Department of Adult Intensive Care Medicine and Burns
Centre, University Hospital (CHUV), Lausanne, Switzerland.
Mette.Berger@chuv.ch
AUTHOR: Berger, Mette M. (correspondence)
CORPORATE SOURCE: Department of Adult Intensive Care Medicine and Burns
Centre, CHUV BH-08.660, CH - 1011 Lausanne, Switzerland.
Mette.Berger@chuv.ch
SOURCE: Current Opinion in Critical Care, (Apr 2007) Vol. 13, No.
2, pp. 180-186.
Refs: 36
ISSN: 1070-5295; E-ISSN: 1531-7072 CODEN: COCCF7
PUBLISHER IDENT.: 0007519820070400000012
COUNTRY: United States
DOCUMENT TYPE: Journal; General Review; (Review)
FILE SEGMENT: 017 Public Health, Social Medicine and Epidemiology
024 Anesthesiology
029 Clinical and Experimental Biochemistry
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 27 Mar 2007
Last Updated on STN: 27 Mar 2007
ABSTRACT: PURPOSE OF REVIEW: Since the 1980s, hypocaloric feeding has been
regularly proposed in the critically ill, although there is no clear definition
available, nor evidence-based strategy to support it. We aim to define
hypocaloric feeding based on indirect calorimetric data and to discuss
patient-relevant clinical outcomes resulting from hypocaloric feeding. RECENT
FINDINGS: Overfeeding and underfeeding both have proven deleterious effects and
should be avoided, which requires determination of the patient's total energy
requirement. Indirect calorimetry appears as the only precise method to

determine such requirements in clinical settings. We define hypocaloric feeding as the delivery of 0.5-0.9 times the resting energy expenditure, isocaloric feeding as 1.1-1.3 times the resting energy expenditure, whereas hypercaloric feeding delivers more than 1.5 times the resting energy expenditure. Whether the patients are lean or obese, all the available predictive equations of energy requirements are grossly inaccurate in more than 30% of cases. SUMMARY: There is growing evidence that negative energy balances are associated with poor intensive-care-unit and hospital outcome. Using an evidence-based approach, hypocaloric feeding in the critically ill cannot be supported either. Whether the cutoff of tolerance for introducing feeding is 24 h or more is not yet defined and still awaits a prospective trial. .COPYRGT. 2007 Lippincott Williams & Wilkins, Inc.

CONTROLLED TERM: Medical Descriptors:
accuracy
adult respiratory distress syndrome
antibiotic therapy
artificial ventilation
calorimetry
*critically ill patient
disease association
elective surgery
energy expenditure
enteric feeding
human
infection: DT, drug therapy
intensive care unit
kidney failure
*low calory diet
nutritional status
outcome assessment
parenteral nutrition
practice guideline
prediction
preoperative period
prospective study
protein degradation
review
sepsis

CONTROLLED TERM: Drug Descriptors:
antibiotic agent: DT, drug therapy
calcium: EC, endogenous compound
fatty acid
glucose
nitrogen: EC, endogenous compound
oxoacid
propofol
protein: EC, endogenous compound
sodium chloride

CAS REGISTRY NO.: (calcium) 7440-70-2; (glucose) 50-99-7, 84778-64-3;
(nitrogen) 7727-37-9; (propofol) 2078-54-8; (protein)
67254-75-5; (sodium chloride) 7647-14-5

In North America

CAS
STN North America
P.O. Box 3012
Columbus, Ohio 43210-0012 U.S.A.

CAS Customer Center:
Phone: 800-753-4227 (North America)
614-447-3700 (worldwide)
Fax: 614-447-3751
E-mail: help@cas.org
Internet: www.cas.org

In Europe

FIZ Karlsruhe
STN Europe
P.O. Box 2465
76012 Karlsruhe
Germany
Phone: +49-7247-808-555
Fax: +49-7247-808-259
E-mail: helpdesk@fiz-karlsruhe.de
Internet: www.stn-international.com

In Japan

JAICI (Japan Association for
International Chemical Information)
STN Japan
Nakai Building
6-25-4 Honkomagome, Bunkyo-ku
Tokyo 113-0021, Japan
Phone: +81-3-5978-3601 (Technical Service)
+81-3-5978-3621 (Customer Service)
Fax: +81-3-5978-3600
E-mail: support@jaici.or.jp (Technical Service)
customer@jaici.or.jp (Customer Service)
Internet: www.jaici.or.jp