

# EMBASE (Excerpta Medica 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

## Features

Thesaurus	Controlled Term (/CT)			
<a href="#">Alerts (SDIs)</a>	Weekly or biweekly			
<a href="#">CAS Registry Numbers®</a>	<input checked="" type="checkbox"/>	Page Images	<input type="checkbox"/>	<a href="#">STN AnaVist</a> <input type="checkbox"/>
<a href="#">Keep &amp; Share</a>	<input checked="" type="checkbox"/>	<a href="#">SLART</a>	<input checked="" type="checkbox"/>	<a href="#">STN Easy</a> <input checked="" type="checkbox"/>
Learning Database	<input checked="" type="checkbox"/>	Structures	<input type="checkbox"/>	<a href="#">STN Viewer</a> <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

- More than 24.2 million records (9/10)

## Coverage

1947-present

## Updates

Daily with ca. 2000 records

## Language

English

## Database Producer

<p>In North America: Elsevier B.V. Bibliographic Databases 360 Park Avenue West New York, NY 10010-1710 Phone: 888-437-4636 212-633-3730 Fax: 212-633-3680 E-mail: usembaseinfo@elsevier.com</p>	<p>In Europe and Rest of World (outside Japan): Elsevier B.V. E-products Team P.O. Box 211 1000 AE Amsterdam The Netherlands Phone: (+31) 20 485 3507 Fax: (+31) 20 485 3432 E-mail: ebd-marketing@elsevier.com</p>	<p>In Japan: Elsevier B.V. Bibliographic Databases 9-15 Higashi-Azabu 1-chome Minato-ku Tokyo 106-0044 Japan Phone: (+81)-3-5561-5037 Fax: (+81)-3-5561-5047 E-mail: jpebaseinfo@elsevier.com</p>
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**Sources**

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

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**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)
  - [STN Database Guide](#)
- 

**Clusters**

- [ALLBIB](#)
  - [AUTHORS](#)
  - [BIOSCIENCE](#)
  - [CASRNS](#)
  - [COMPANIES](#)
  - [CORPSOURCE](#)
  - [ENVIRONMENT](#)
  - [FORMULATIONS](#)
  - [HEALTH](#)
  - [MEDICINE](#)
  - [PHARMACOLOGY](#)
  - [TOXICOLOGY](#)
- 

**Pricing**

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

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## 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 851 14254/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 THIOGLYCOLATE/CNS	
Clinical Trial Numbers	/NCT	S NCT00004730/NCT S ISRCTN78047760/NCT	NCT
Controlled Term (contains Medical Descriptors, Drug Descriptors, including major terms) (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	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
Entry Date MEDLINE (5)	/EDAL	S L1 and EDAL>20091231	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	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 Title *	/ST	S HIPPOCAMPUS/ST	ST
Update Date (5)	/TI	S AMINO ACID#/TI	TI
	/UP	S UP20050119	ED
Update Date MEDLINE (5)	/UPAL	S L1 and UPAL>20091231	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

## 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: 2009630831 EMBASE  
TITLE: The epidemiology of ankle injuries occurring in English Football Association academies.  
AUTHOR: Cloke, D.J.  
CORPORATE SOURCE: University of Bath, School for Health, Bath, United Kingdom . clokes@talktalk.net  
AUTHOR: Spencer, S.; Hodson, A.  
CORPORATE SOURCE: Football Association, London, United Kingdom.  
AUTHOR: Deehan, D.  
CORPORATE SOURCE: Newcastle Hospitals NHS Trust, Newcastle upon Tyne, United Kingdom.  
AUTHOR: Cloke, D. J., Dr. (correspondence)  
CORPORATE SOURCE: University of Bath, School for Health, Bath, United Kingdom . clokes@talktalk.net  
SOURCE: British Journal of Sports Medicine, (December 2009) Vol. 43, No. 14, pp. 1119-1125.  
Refs: 30  
ISSN: 0306-3674; E-ISSN: 1473-0480 CODEN: BJSMDZ  
PUBLISHER: BMJ Publishing Group, Tavistock Square, London, WC1H 9JR, United Kingdom.  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 017 Public Health, Social Medicine and Epidemiology  
033 Orthopedic Surgery  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
ENTRY DATE: Entered STN: 4 Jan 2010  
Last Updated on STN: 4 Jan 2010  
ABSTRACT: Objective: To ascertain the epidemiology of ankle injuries in elite youth football. Design: Retrospective analysis of prospectively collected injury data from English Football Association (FA) academies. Setting: Forty-one FA football academies, between 1998 and 2006. Participants: For the complete seasons studied, a total of 14 776 players was registered from U9 to the U16 age category, a mean of 2463 players per year. All ankle injuries of sufficient severity to miss 48 h or more of training were studied,

2563 injuries in total. Main Outcome Measure: The incidence and burden of ankle injuries in this population and factors associated with injury. Results: There was a mean incidence of one ankle injury per player per year, and a mean of 20 training days and two matches were missed per ankle injury. Increased injury rates were seen in older players, in competition and later in each half of match time. Peaks in injury were observed early in the season and after the winter break. In competition, more injuries were associated with a contact situation than in training. Eighty-eight injuries (3.4%) required a lay-off of 3 months or more and in 18 (0.7%) cases the player failed to return to training. In total, 52 290 training days and 5182 match appearances were lost through ankle injury. The majority of injuries were sprains, but more severe injuries occurred accounted for 3.9% of the total. Conclusions: Ankle injuries are common in young football players and are often severe, with prolonged loss of training time. This has potential far-reaching implications, both on and off the field.

CONTROLLED TERM:      Medical Descriptors:  
                              adolescent  
                              adult  
                              ankle fracture: DI, diagnosis  
                              ankle fracture: EP, epidemiology  
                              \*ankle injury: DI, diagnosis  
                              \*ankle injury: EP, epidemiology  
                              ankle sprain: DI, diagnosis  
                              ankle sprain: EP, epidemiology  
                              article  
                              athlete  
                              child  
                              \*football  
                              human  
                              incidence  
                              ligament injury: DI, diagnosis  
                              ligament injury: EP, epidemiology  
                              major clinical study  
                              male  
                              retrospective study  
                              sport injury: EP, epidemiology  
                              sports organization  
                              tendinitis: DI, diagnosis  
                              tendinitis: EP, epidemiology

#### DISPLAY TRIAL

TI    Controlled multiplex PCR of enterotoxigenic Clostridium perfringens strains in food samples.

CT    Medical Descriptors:  
       article  
       bacterial infection: DI, diagnosis  
       bacterium culture  
       clinical trial  
       \*clostridium perfringens  
       controlled study  
       food  
       food contamination  
       \*food poisoning: DI, diagnosis  
       gene  
       immunodiffusion  
       meat  
       nonhuman  
       nucleotide sequence  
       \*polymerase chain reaction  
       priority journal  
       standard

CT    Drug Descriptors:  
       alpha toxin  
       ampli taq  
       bacterial DNA  
       DNA polymerase  
       enterotoxin

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**EMBASE**

unclassified drug  
RN (DNA polymerase) 37217-33-7  
CN (1) ampli tag  
CO (1) Perkin Elmer (Germany)  
NP (1) ABI 373A; (2) ABI 380A  
CO (1) Applied Biosystems (Germany) ; (2) Applied Biosystems (Germany)  
GEN EMBL M98037 referred number

**EXPAND in /CT field (Subheadings included)**

=> **E LUNG EMBOLISM/CT**

E#	FREQUENCY	AT	TERM
--	-----	--	----
E1	23		LUNG EMBOLECTOMY/CT
E2	1		LUNG EMBOLECTOMY: TH, THERAPY/CT
E3	23854	27 -->	LUNG EMBOLISM/CT
E4	4		LUNG EMBOLISM: CN, CONGENITAL DISORDER/CT
E5	5231		LUNG EMBOLISM: CO, COMPLICATION/CT
E6	5809		LUNG EMBOLISM: DI, DIAGNOSIS/CT
E7	223		LUNG EMBOLISM: DM, DISEASE MANAGEMENT/CT
E8	14		LUNG EMBOLISM: DR, DRUG RESISTANCE/CT
E9	5032		LUNG EMBOLISM: DT, DRUG THERAPY/CT
E10	706		LUNG EMBOLISM: EP, EPIDEMIOLOGY/CT
E11	1190		LUNG EMBOLISM: ET, ETIOLOGY/CT
E12	2380		LUNG EMBOLISM: PC, PREVENTION/CT

## EXPAND in /CT Thesaurus

=&gt; E JOINT INJURY+ALL/CT

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E1          0   BT5   emtree thesaurus/CT
E2          1   BT4   physical diseases, disorders and abnormalities/CT
E3         18   BT3   physical disease by anatomical structure/CT
E4        9649   BT2   musculoskeletal disease/CT
E5        8465   BT1   arthropathy/CT
E6          0   BT5   emtree thesaurus/CT
E7          1   BT4   physical diseases, disorders and abnormalities/CT
E8          3   BT3   physical disease by etiology and pathogenesis/CT
E9       110813   BT2   injury/CT
E10         0   BT5   emtree thesaurus/CT
E11         1   BT4   physical diseases, disorders and abnormalities/CT
E12        18   BT3   physical disease by anatomical structure/CT
E13       9649   BT2   musculoskeletal disease/CT
E14       1667   BT1   musculoskeletal injury/CT
E15       1383   -->  joint injury/CT
                   HNTE  Creation date 01 JAN 1984
E16         0   UF    articular trauma/CT
E17         0   UF    bone joint injury/CT
E18         0   UF    joint trauma/CT
E19       2404   NT1   ankle injury/CT
E20         99   NT2   ankle dislocation/CT
E21       1744   NT2   ankle fracture/CT
E22         524   NT3   malleolus fracture/CT
E23         621   NT3   talus fracture/CT
E24       2089   NT1   dislocation/CT
E25         535   NT2   acromioclavicular dislocation/CT
E26         99   NT2   ankle dislocation/CT
E27       1827   NT2   congenital hip dislocation/CT
E28         811   NT2   elbow dislocation/CT
E29         56   NT2   finger dislocation/CT
E30       3355   NT2   hip dislocation/CT
E31       1661   NT2   joint dislocation/CT

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**In North America**

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STN North America  
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Columbus, Ohio 43210-0012 U.S.A.

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Internet: www.jaici.or.jp