

Outcomes following percutaneous endoscopic gastrostomy insertion in patients with learning disability: Appendix

1. LD read codes:

6664	Mental handicap problem
13Z3.00	Low I.Q.
8HHP.00	Referral to learning disability team
9HB..00	Learning disabilities administration status
9HB0.00	Learning disabilities health action plan declined
9HB1.00	Learning disabilities health action plan offered
9HB2.00	Learning disabilities health action plan reviewed
9HB3.00	Learning disabilities health assessment
9HB4.00	Learning disabilities health action plan completed
9HB5.00	Learning disabilities annual health assessment
C301.00	Phenylketonuria
E140.00	Infantile autism
E140.11	Kanner's syndrome
E140.12	Autism
E140.13	Childhood autism
E140000	Active infantile autism
E140100	Residual infantile autism
E140z00	Infantile autism NOS
E3...00	Mental retardation
E30..00	Mild mental retardation, IQ in range 50-70
E30..11	Educationally subnormal
E30..12	Feeble minded
E30..13	Moron
E31..00	Other specified mental retardation
E310.00	Moderate mental retardation, IQ in range 35-49
E310.11	Imbecile
E311.00	Severe mental retardation, IQ in range 20-34
E312.00	Profound mental retardation with IQ less than 20
E312.11	Idiocy
E31z.00	Other specified mental retardation NOS
e31z.00	Other specified mental retardation NOS
E3y..00	Other specified mental retardation
E3z..00	Mental retardation NOS
Eu7..00	[X]Mental retardation
Eu70.00	[X]Mild mental retardation
Eu70.11	[X]Feeble mindedness
Eu70.12	[X]Mild mental subnormality
Eu70000	[X]Mild mental retard with statement no or min impairm behav
Eu70100	[X]Mild mental retard sig impairment behav req attent/treatmt
Eu70y00	[X]Mild mental retardation, other impairments of behaviour
Eu70z00	[X]Mild mental retardation without mention impairment behav

Eu71.00 [X]Moderate mental retardation
 Eu71.11 [X]Moderate mental subnormality
 Eu71000 [X]Mod mental retard with statement no or min impairm behav
 Eu71100 [X]Mod mental retard sig impairment behav req attent/treatmt
 Eu71y00 [X]Mod retard oth behav impair
 Eu71z00 [X]Mod mental retardation without mention impairment behav
 Eu72.00 [X]Severe mental retardation
 Eu72.11 [X]Severe mental subnormality
 Eu72000 [X]Sev mental retard with statement no or min impairm behav
 Eu72100 [X]Sev mental retard sig impairment behav req attent/treatmt
 Eu72y00 [X]Severe mental retardation, other impairments of behaviour
 Eu72z00 [X]Sev mental retardation without mention impairment behav
 Eu73.00 [X]Profound mental retardation
 Eu73.11 [X]Profound mental subnormality
 Eu73000 [X]Profound ment retrd wth statement no or min impairm behav
 Eu73100 [X]Profound ment retard sig impairmnt behav req attent/treat
 Eu73y00 [X]Profound mental retardation, other impairments of behavr
 [X]Prfnd mental retardation without mention impairment behav Eu7y.00 [X]Other mental
 Eu73z00 retardation
 Eu7y000 [X]Oth mental retard with statement no or min impairm behav
 Eu7y100 [X]Oth mental retard sig impairment behav req attent/treatmt
 Eu7yy00 [X]Other mental retardation, other impairments of behaviour
 Eu7yz00 [X]Other mental retardation without mention impairment behav
 Eu7z.00 [X]Unspecified mental retardation
 Eu7z.11 [X]Mental deficiency NOS
 Eu7z.12 [X]Mental subnormality NOS
 Eu7z000 [X]Unsp mental retard with statement no or min impairm behav
 Eu7z100 [X]Unsp mentl retard sig impairment behav req attent/treatmt
 Eu7zy00 [X]Unspecified mental retardatn, other impairments of behav
 Eu7zz00 [X]Unsp mental retardation without mention impairment behave
 Eu81z00 [X]Developmental disorder of scholastic skills, unspecified
 Eu81z11 [X]Learning disability NOS
 Eu81z12 [X]Learning disorder NOS
 Eu81z13 [X]Learn acquisition disab NOS
 Eu84.00 [X]Pervasive developmental disorders
 Eu84000 [X]Childhood autism
 Eu84011 [X]Autistic disorder
 Eu84012 [X]Infantile autism
 Eu84013 [X]Infantile psychosis
 Eu84014 [X]Kanner's syndrome
 Eu84100 [X]Atypical autism
 Eu84111 [X]Atypical childhood psychosis
 Eu84112 [X]Mental retardation with autistic features
 Eu84112 [X]Mental retardation with autistic features
 Eu84200 [X]Rett's syndrome
 Eu84311 [X]Dementia infantilis
 Eu84400 [X]Overactive disorder assoc mental retard/stereotype movts
 [X]Other pervasive developmental disorders

Eu84y00
Eu84z00 [X]Pervasive developmental disorder, unspecified
Eu84z11 [X]Autistic spectrum disorder
PJ0..00 Down's syndrome trisomy 21
PJ0..11 Mongolism
PJ0..12 Trisomy 21
PJ0..13 Trisomy 22
PJ00.00 Trisomy 21, meiotic nondisjunction
PJ01.00 Trisomy 21, mosaicism
PJ01.11 Trisomy 21, mitotic nondisjunction
PJ02.00 Trisomy 21, translocation
PJ02.11 Partial trisomy 21 in Down's syndrome
PJ0z.00 Down's syndrome NOS
PJ0z.11 Trisomy 21 NOS
PJ1..00 Patau's syndrome trisomy 13
PJ10.00 Trisomy 13, meiotic nondisjunction
PJ11.00 Trisomy 13, mosaicism
PJ11.11 Trisomy 13, mitotic nondisjunction
PJ12.00 Trisomy 13, translocation
PJ12.11 Partial trisomy 13 in Patau's syndrome
PJ1z.00 Patau's syndrome NOS
PJ1z.11 Trisomy 13 NOS
PJ2..00 Edward's syndrome trisomy 18
PJ20.00 Trisomy 18, meiotic nondisjunction
PJ21.00 Trisomy 18, mosaicism
PJ21.11 Trisomy 18, mitotic nondisjunction
PJ22.00 Trisomy 18, translocation
PJ22.11 Partial trisomy 18 in Edward's syndrome
PJ2z.00 Edward's syndrome NOS
PJ2z.11 TRISOMY 18 NOS
PJ3..00 Monosomies and deletions from the autosomes
PJ30.00 Antimongolism syndrome
PJ30.11 Deletion of long arm of chromosome 21
PJ31.00 Cri-du-chat syndrome
PJ31.11 Deletion of short arm of chromosome 5
PJ32.00 Deletion of short arm of chromosome 4
PJ32.11 Wolff Hirschhorn syndrome
PJ33.00 Other deletions of part of a chromosome
PJ33000 Deletion of long arm of chromosome 13
PJ33100 Deletion of long arm of chromosome 18
PJ33111 18p syndrome
PJ33200 Deletion of short arm of chromosome 18
PJ33211 18q syndrome
PJ33300 Smith Magenis syndrome
PJ33z00 Other deletion of part of a chromosome NOS
PJ34.00 Deletions seen only at prometaphase
PJ35.00 Deletions with other complex rearrangements
PJ36.00 Whole chromosome monosomy, meiotic nondisjunction

PJ37.00 Whole chromosome monosomy, mosaicism
PJ37.11 Whole chromosome monosomy, mitotic nondisjunction
PJ37.12 Autosomal deletion mosaicism
PJ37000 Monosomy 21, mosaicism
PJ37z00 Whole chromosome monosomy, mosaicism NOS
PJ38.00 Chromosome replaced with ring or dicentric
PJ38.11 Chromosome replaced with dicentric
PJ38.12 Chromosome replaced with ring
PJ3y.00 Other deletions from the autosomes
PJ3y000 Shprintzen syndrome
PJ3y011 Velocardiofacial syndrome
PJ3z.00 Monosomies and deletions from the autosomes NOS
PJ4..00 Balanced autosomal translocation
PJ5..00 Other condition due to autosomal anomaly
PJ50.00 Whole chromosome trisomy syndromes
PJ50000 Trisomy 6
PJ50100 Trisomy 7
PJ50200 Trisomy 8
PJ50300 Trisomy 9
PJ50400 Trisomy 10
PJ50500 Trisomy 11
PJ50600 Trisomy 12
PJ50700 Other trisomy C syndromes
PJ50800 Trisomy 22
PJ50w00 Whole chromosome trisomy, meiotic nondisjunction
PJ50x00 Whole chromosome trisomy, mosaicism
PJ50x11 Whole chromosome trisomy, mitotic nondisjunction
PJ50y00 Other specified whole chromosome trisomy syndrome
PJ50z00 Whole chromosome trisomy syndrome NOS
PJ51.00 Partial trisomy syndromes
PJ51000 Major partial trisomy
PJ51100 Minor partial trisomy
PJ51z00 Partial trisomy syndrome NOS
PJ52.00 Trisomies of autosomes NEC
PJ52000 Duplications seen only at prometaphase
PJ52100 Duplications with other complex rearrangements
PJ52200 Extra marker chromosomes
PJ52300 Triploidy
PJ52400 Polyploidy
PJ52z00 Trisomy of autosomes NEC NOS
PJ53.00 Balanced rearrangements and structural markers NEC
PJ53.11 Balanced translocations
PJ53000 Chromosome inversion in normal individual
PJ53100 Balanced autosomal rearrangement in abnormal individual
PJ53200 Balanced sex/autosomal rearrangement in abnormal individual
PJ53300 Individual with marker heterochromatin
PJ53400 Individual with autosomal fragile site
PJ53500 Shwachman Diamond syndrome

PJ53z00	Balanced rearrangement or structural marker NEC NOS
PJ5y.00	Other specified conditions due to autosomal anomalies
PJ5y.11	Pseudotrismy 18
PJ5z.00	Unspecified conditions due to autosomal anomalies
PJ5z.11	Aneuploidy NEC
PJ7z.00	Klinefelter's syndrome NOS
PJyy200	Fragile X chromosome
PK5..00	Tuberous sclerosis
PK5..11	Bourneville's disease
PK61.00	Sturge Weber syndrome
PKy0.11	Prader Willi Syndrome
PKy0.12	Prader Willi syndrome
PKy0.13	Noonan's syndrome
PKy0000	Bannayan Riley Ruvalcaba syndrome
PKy8000	Noonan's syndrome
PKy9300	Prader Willi syndrome

2. PEG placement Read codes

7617	gastrostomy operations
7617.12	Creation of gastrostomy
7617000	Creation of permanent gastrostomy
7617100	Creation of temporary gastrostomy
7617111	Creation of gastrostomy NEC
7617700	Maintenance of percutaneous endoscopic gastrostomy tube
7617400	Attention to gastrostomy tube
7617y00	Other specified gastrostomy operation
7617z00	Gastrostomy operation NOS
761E320	Temporary percutaneous endoscopic gastrostomy
761E400	Permanent percutaneous endoscopic gastrostomy
761E600	Fibreoptic endoscopic percutaneous insert gastrostomy (PEG)
761EA00	Fibreoptic endoscopic percutaneous insertion of gastrostomy
8C45000	Gastrostomy feeding
8CJ2.00	percutaneous endoscopic gastrostomy feeding
8CJ4.00	Button gastrostomy feeding
ZC32.54	PEG - percutaneous endoscopic gastrostomy feeding
ZC65311	PEG - percutaneous endoscopic gastrostomy feeding
ZC65300	percutaneous endoscopic gastrostomy feeding
ZC65400	Button gastrostomy feeding
ZC65200	Gastrostomy feeding

3. Feed Read codes

97661994	Generic Fresubin Original liquid
95197994	Generic Fresubin Energy liquid
81242994	Generic Fresubin Energy liquid
95501994	Generic Fresubin Original liquid

84497994 Generic Fresubin Protein Energy drink
95215994 Generic Fresubin Original Fibre liquid
99308994 Generic Fresubin Original liquid
92452994 Generic Fresubin Energy Fibre liquid
56087979 Generic fresubin energy liquid
95000994 Generic Fresubin Energy liquid
90080994 Generic Fresubin 1000 Complete liquid
91887994 Generic Fresubin Original liquid
91067994 Generic Fresubin Energy Fibre liquid
99689994 Generic fresubin 200ml liquid (fresenius kabi ltd)
95218994 Generic Fresubin Energy liquid
94257994 Generic fresubin he liquid (fresenius kabi ltd)
97659994 Generic fresubin -750 500ml liquid (fresenius kabi ltd)
89828994 Generic Fresubin 1200 Complete liquid
93150994 Generic Fresubin HP Energy liquid
56088979 Generic fresubin energy fibre liquid
56086979 Generic fresubin original liquid
99475994 Generic Fresubin Original liquid
95502994 Generic Fresubin Original liquid
93615994 Generic fresubin liquid (fresenius kabi ltd)
87966979 Generic Fresubin Energy liquid
79096994 Generic fresubin 2250 complete liquid
95487994 Generic fresubin 500ml liquid (fresenius kabi ltd)
87967979 Generic fresubin energy liquid
87980979 Generic Fresubin Energy Fibre liquid
70468994 Generic Fresubin 1500 Complete liquid
99468994 Generic fresubin liquid (fresenius kabi ltd)
87947979 Generic Fresubin Energy liquid
77233994 Generic fresubin 1800 complete liquid
87985979 Generic Fresubin Energy liquid
95600994 Generic fresubin 500ml liquid (fresenius kabi ltd)
87933979 Generic Fresubin Original liquid
91886994 Generic Fresubin Original liquid
92370994 Generic fresubin 750 mct liquid (fresenius kabi ltd)
87945979 Generic fresubin energy liquid
87981979 Generic Fresubin Energy Fibre liquid
87932979 Generic Fresubin Original liquid
87948979 Generic Fresubin Energy Fibre liquid
87931979 Generic Fresubin Original liquid
95579994 Generic fresubin 500ml liquid (fresenius kabi ltd)
81422994 Generic Fresubin Soya Fibre liquid
99060994 Generic fresubin 500ml liquid (fresenius kabi ltd)
88988994 Generic Nutrison Energy Multi Fibre liquid
91198994 Generic Nutrison Multi Fibre liquid
99385994 Generic Nutrison Energy liquid
99767994 Generic Nutrison liquid
86819994 Generic Nutrison 1200 Complete Multi Fibre liquid
83589994 Generic Nutrison 1000 Complete Multi Fibre liquid

95577994 Generic Nutrison Peptisorb liquid
98116994 Generic Nutrison Soya liquid
95348994 Generic nutrison fibre liquid (nutricia ltd)
99009994 Generic Nutrison Energy liquid
96652994 Generic Nutrison Soya liquid
93444994 Generic Nutrison Concentrated liquid
99146994 Generic Nutrison Soya liquid
96563992 Nutrison steriflo
99384994 Generic nutrison fibre liquid (nutricia ltd)
84589978 Generic Nutrison 800 Complete Multi Fibre liquid
84859994 Generic Nutrison Protein Plus liquid
84858994 Generic Nutrison Protein Plus Multifibre liquid
95578994 Generic Nutrison Peptisorb liquid
95035992 Generic Nutrison liquid
79867994 Generic Nutrison Soya Multi Fibre liquid
93796992 Generic Nutrison Energy liquid
93877992 Generic Nutrison Soya liquid
67245994 Generic Nutrison 800 Complete Multi Fibre liquid
91884994 Generic Nutrison MCT liquid
99362994 Generic Nutrison Peptisorb liquid
91199994 Generic Nutrison Multi Fibre liquid
95659994 Generic nutrison mct 500ml liquid (nutricia ltd)
95457994 Generic Jevity liquid
92369994 Generic Jevity Plus liquid
86504994 Generic Jevity 1.5kcal liquid
84496994 Generic Jevity Promote liquid
94806994 Generic Jevity liquid
92368994 Generic Jevity Plus liquid
91471994 Generic Jevity Plus liquid
93157994 Generic Jevity liquid
99546994 Generic Jevity liquid
76051994 Generic Jevity Plus HP gluten free liquid
84769979 Generic Jevity liquid
95053994 Peptamen liquid
82770994 Generic Peptamen HN liquid
97873992 Peptamen liquid
Generic peptamen peptide liquid (nestle clinical nutrition)
95018994 250ml
94807994 Generic Perative liquid
95211994 Generic perative liquid
95212994 Generic perative liquid (abbott nutrition) 237ml
86877979 Generic perative liquid
89276994 Generic novasource gi forte liquid
96653994 Generic Osmolite liquid
91518994 Generic Osmolite Plus liquid
96654994 Generic Osmolite liquid
97835992 Osmolite liq
94808994 Generic Osmolite liquid

99549994 Generic osmolite rth isotonic complete food (abbott nutrition)
 93568992 Osmolite
 93158994 Generic Osmolite liquid
 99501994 Generic osmolite isotonic complete food (abbott nutrition)
 67681994 Generic osmolite hp liquid
 91517994 Generic Osmolite Plus liquid
 59524979 Generic Vital 1.5kcal liquid
 67243994 Generic Vital 1.5kcal liquid

4. Lower respiratory tract infection Read codes

A022200 Salmonella pneumonia
 Klebsiella pneumoniae/cause/disease classifd/oth
 A3BXB00 chapters
 H2...00 Pneumonia and influenza
 H21..00 Lobar (pneumococcal) pneumonia
 H21..11 Chest infection - pneumococcal pneumonia
 H22..00 Other bacterial pneumonia
 H22..11 Chest infection - other bacterial pneumonia
 H220.00 Pneumonia due to klebsiella pneumonia
 H221.00 Pneumonia due to pseudomonas
 H222.00 Pneumonia due to haemophilus influenza
 H222.11 Pneumonia due to haemophilus influenza
 H223.00 Pneumonia due to streptococcus
 H223000 Pneumonia due to streptococcus, group B
 H224.00 Pneumonia due to staphylococcus
 H22y.00 Pneumonia due to other specified bacteria
 H22y000 Pneumonia due to escherichia coli
 H22y011 E.coli pneumonia
 H22y100 Pneumonia due to proteus
 H22y200 Pneumonia – Legionella
 H22yX00 Pneumonia due to other aerobic gram-negative bacteria
 H22yz00 Pneumonia due to bacteria NOS
 H22z.00 Bacterial pneumonia NOS
 H23..00 Pneumonia due to other specified organisms
 H23..11 Chest infection - pneumonia organism OS
 H230.00 Pneumonia due to Eaton's agent
 H231.00 Pneumonia due to mycoplasma pneumonia
 H232.00 Pneumonia due to pleuropneumonia like organisms
 H233.00 Chlamydial pneumonia
 H23z.00 Pneumonia due to specified organism NOS
 H24..00 Pneumonia with infectious diseases EC
 H24..11 Chest infection with infectious disease EC
 H25..00 Bronchopneumonia due to unspecified organism
 H25..11 Chest infection - unspecified bronchopneumonia
 H26..00 Pneumonia due to unspecified organism
 H26..11 Chest infection - pneumonia due to unspecified organism

H260.00 Lobar pneumonia due to unspecified organism
 H260000 Lung consolidation
 H261.00 Basal pneumonia due to unspecified organism
 H262.00 Postoperative pneumonia
 H28..00 Atypical pneumonia
 H2B..00 Community acquired pneumonia
 H2C..00 Hospital acquired pneumonia
 H2y..00 Other specified pneumonia or influenza
 H2z..00 Pneumonia or influenza NOS
 H30..11 Chest infection - unspecified bronchitis
 H47..00 Pneumonitis due to inhalation of solids or liquids
 H47..11 Aspiration pneumonitis
 H470.00 Pneumonitis due to inhalation of food or vomitus
 H470.11 Aspiration pneumonia
 H470000 Pneumonitis due to inhalation of regurgitated food
 H470100 Pneumonitis due to inhalation of gastric secretions
 H470200 Pneumonitis due to inhalation of milk
 H470300 Pneumonitis due to inhalation of vomitus
 H470311 Vomit inhalation pneumonitis
 H470312 Aspiration pneumonia due to vomit
 H470z00 Pneumonitis due to inhalation of food or vomitus NOS
 H0...00 Acute respiratory infections
 H062.00 Acute lower respiratory tract infection
 H06z000 Chest infection NOS
 H06z011 Chest infection
 H06z100 Lower resp tract infection
 H06z111 Respiratory tract infection
 H06z112 Acute lower respiratory tract infection
 H06z200 Recurrent chest infection
 H07..00 Chest cold
 H0y..00 Other specified acute respiratory infections
 H0z..00 Acute respiratory infection NOS

5. Epilepsy Read codes

F132100 Progressive myoclonic epilepsy
 F25..00 Epilepsy
 F250.00 Generalised nonconvulsive epilepsy
 F250000 Petit mal (minor) epilepsy
 F250011 Epileptic absences
 F250100 Pykno-epilepsy
 F250200 Epileptic seizures – atonic
 F250300 Epileptic seizures - akinetic
 F250400 Juvenile absence epilepsy
 F250500 Lennox-Gastaut syndrome
 F250y00 Other specified generalised nonconvulsive epilepsy
 F250z00 Generalised nonconvulsive epilepsy NOS

F251.00 Generalised convulsive epilepsy
F251000 Grand mal (major) epilepsy
F251011 Tonic-clonic epilepsy
F251100 Neonatal myoclonic epilepsy
F251111 Otohara syndrome
F251200 Epileptic seizures – clonic
F251300 Epileptic seizures - myoclonic
F251400 Epileptic seizures – tonic
F251500 Tonic-clonic epilepsy
F251y00 Other specified generalised convulsive epilepsy
F251z00 Generalised convulsive epilepsy NOS
F252.00 Petit mal status
F253.00 Grand mal status
F253.11 Status epilepticus
F254.00 Partial epilepsy with impairment of consciousness
F254000 Temporal lobe epilepsy
F254100 Psychomotor epilepsy
F254200 Psychosensory epilepsy
F254300 Limbic system epilepsy
F254400 Epileptic automatism
F254500 Complex partial epileptic seizure
F254z00 Partial epilepsy with impairment of consciousness NOS
F255.00 Partial epilepsy without impairment of consciousness
F255000 Jacksonian, focal or motor epilepsy
F255011 Focal epilepsy
F255012 Motor epilepsy
F255100 Sensory induced epilepsy
F255200 Somatosensory epilepsy
F255300 Visceral reflex epilepsy
F255311 Partial epilepsy with autonomic symptoms
F255400 Visual reflex epilepsy
F255500 Unilateral epilepsy
F255600 Simple partial epileptic seizure
F255y00 Partial epilepsy without impairment of consciousness OS
F255z00 Partial epilepsy without impairment of consciousness NOS
F256.00 Infantile spasms
F256000 Hypsarrhythmia
F256100 Salaam attacks
F256.11 Lightning spasms
F256.12 West syndrome
F256z00 Infantile spasms NOS
F257.00 Kojevnikov's epilepsy
F258.00 Post-ictal state
Early infant epileptic encephalopathy wth suppression
F259.00 bursts
F259.11 Ohtahara syndrome
F25A.00 Juvenile myoclonic epilepsy
F25B.00 Alcohol-induced epilepsy

F25C.00 Drug-induced epilepsy
F25D.00 Menstrual epilepsy
F25E.00 Stress-induced epilepsy
F25F.00 Photosensitive epilepsy
F25X.00 Status epilepticus, unspecified
F25y.00 Other forms of epilepsy
F25y000 Cursive (running) epilepsy
F25y100 Gelastic epilepsy
F25y200 Local (focal) (partial) idiopathic epilepsy & epileptic syn seizure local onset
F25y300 Complex partial status epilepticus
F25y400 Benign Rolandic epilepsy
F25y500 Panayiotopoulos syndrome
F25yz00 Other forms of epilepsy NOS
F25z.00 Epilepsy NOS
SC20000 Traumatic epilepsy