

Supplementary table 1: ICPC-2-R (International Classification of Primary Care) coding and grouping

ICPC code	ICPC code description	First grouping	Final grouping
R96	Asthma	Asthma	Asthma
P99	Psychological disorder other (all P99s were ASD)	Autism Spectrum Disorder	Autism Spectrum Disorder
P22b†	Child behaviour symptom/complaint – behaviour	Behaviour	Behaviour
H01	Ear pain/earache	Ear/hearing	Ear/hearing
H02	Hearing complaint	Ear/hearing	Ear/hearing
H29	Ear symptom/complaint other	Ear/hearing	Ear/hearing
F05	Visual disturbance other	Eyes/vision	Eyes/vision
F14	Eye movements abnormal	Eyes/vision	Eyes/vision
F17	Glasses symptom/complaint	Eyes/vision	Eyes/vision
F27	Fear of eye disease	Eyes/vision	Eyes/vision
F29	Eye symptom/complaint other	Eyes/vision	Eyes/vision
F91	Refractive error	Eyes/vision	Eyes/vision
F95	Strabismus	Eyes/vision	Eyes/vision
F99	Eye/adnexa disease other	Eyes/vision	Eyes/vision
Z07	Education problem	Family/social	Family/social issue
Z20	Relationship problem parent/family	Family/social	Family/social issue
Z21	Behaviour problem parent/family	Family/social	Family/social issue
Z22	Illness problem parent/family	Family/social	Family/social issue
Z23	Loss/death parent/family member	Family/social	Family/social issue
Z25	Assault/harmful event problem	Family/social	Family/social issue
Z29	Social problem NOS	Family/social	Family/social issue
P81	Hyperkinetic disorder (all were ADHD)	Attention Deficit Hyperactivity Disorder	Attention Deficit Hyperactivity Disorder
P22†	Child behaviour symptom/complaint – learning	Learning	Learning
P24†	Specific learning problem – learning	Learning	Learning
P01	Feeling anxious/nervous/tense	Mental health	Mental health
P02	Acute stress reaction	Mental health	Mental health
P29	Psychological symptom/complain other	Mental health	Mental health
P74	Anxiety disorder/anxiety state	Mental health	Mental health
P82	Post-traumatic stress disorder	Mental health	Mental health

P11	Eating problem in child	Metabolic/nutritional	Metabolic/nutritional
T08	Weight loss	Metabolic/nutritional	Metabolic/nutritional
T82	Obesity	Metabolic/nutritional	Metabolic/nutritional
T83	Overweight	Metabolic/nutritional	Metabolic/nutritional
N29	Neurological symptom/complaint other (used for sensory and motor skill concerns)	Sensory/motor	Sensory/motor skills
P22s†	Child behaviour symptom/complaint – speech	Speech/communication concern/issue	Speech/language
P24s†	Specific learning problem - speech	Speech/communication concern/issue	Speech/language
A94	Perinatal morbidity other	Developmental disability	Unspecified developmental/behaviour
P22	Child behaviour symptom/complaint	Unspecified/generalized development/behaviour concern	Unspecified developmental/behaviour
A92	Allergy/allergic reaction	Allergy	Other
P28	Limited function/disability (used for attendance)	Attendance	Other
A29	Concern unspecified	Concern unspecified	Other
D19	Teeth/gum symptom/complaint	Dental	Other
T89	Diabetes insulin dependent	Diabetes insulin dependent	Other
R06	Nose bleed/epistaxis	ENT	Other
R08	Nose symptom/complaint other	ENT	Other
R76	Tonsillitis acute	ENT	Other
R90	Hypertrophy tonsils/adenoids	ENT	Other
A98	Health maintenance/prevention	General screening	Other
A98t ^{fl}	Health maintenance/prevention (used for high school transition)	HS transition info– issue NS	Other
A28	Limited function/disability NOS	Limited function/disability NOS	Other
A87	Complication of medical treatment	Miscellaneous medical	Other
A91	Abnormal result investigation NOS	Miscellaneous medical	Other
B80	Iron deficiency anaemia	Miscellaneous medical	Other
D12	Constipation	Miscellaneous medical	Other
D70	Gastrointestinal infection	Miscellaneous medical	Other
D93	Irritable bowel	Miscellaneous medical	Other
U01	Dysuria/painful urination	Miscellaneous medical	Other
L15	Knee symptom/complaint	Musculoskeletal	Other
L16	Ankle symptom/complaint	Musculoskeletal	Other
L82	Congenital abnormality musculoskeletal	Musculoskeletal	Other
L88	Rheumatoid/seropositive arthritis	Musculoskeletal	Other

L94	Osteochondrosis	Musculoskeletal	Other
N07	Convulsion/seizure	Neurological pathology	Other
N88	Epilepsy	Neurological pathology	Other
N99	Neurological disease other	Neurological pathology	Other
P06	Sleep disturbance	Sleep	Other
P12	Bedwetting/enuresis	Toileting	Other
P13	Encopresis/bowel training problem	Toileting	Other
S06	Rash localized	Skin	Other
S73	Pediculosis/skin infestation other	Skin	Other
S87	Dermatitis/atopic eczema	Skin	Other
X29	Genital symptom/complaint female other	Skin	Other

† Problems falling under code 'P22 Child behaviour symptom/complaint' or 'P24 Specific learning problem' were sub-coded into 's - speech/language', 'b - behaviour/social', and 'l - learning' to specify frequently observed issues in this population. ¶ Code altered to specify frequently observed referral reason in this population.