

Index

Note: page numbers in *italics* refer to figures and tables

- acalculia
 assessment 217, 218–20
 calculation 219–20
 counting 219
 fraction comprehension 219–20
 head injury with
 communication and numeracy problems 215–16
 models 216–17
 number comprehension/ expression 219
 numerical fact retrieval 219
 practise and drills 217
 rehabilitation 217–18
 substitution 217
 training 218
- acceptance of injury, head
 injury with identity change 261–2
- activities
 day-to-day activities
 remembering/ scheduling 200–1
 planning in interdisciplinary rehabilitation for traumatic brain injury 246–8
 restriction in haemorrhagic stroke with brain abscess 275
 see also independent living skills; physical functioning assessment
- activities of daily living 185, 186, 187
- adaptive assumptions/rules, head injury with identity change 267
- adjustment
 haemorrhagic stroke with brain abscess 274
 head injury with identity change 261–2
- issues in Psychological Support Group 132–3
- adversity group 125
- affect
 head injury with
 cerebrovascular complications 196
 see also anxiety; depression; mood; mood assessment
- aggression 253
- agnosia, landmark 311
- Agoraphobic Cognitions Questionnaire 258
- alarms, memory aids 107
- Alzheimer's disease
 errorless learning 10
 goal setting 43–4
- anger
 acquired brain injury 57
 vegetative state with
 cognitive recovery and emotional adjustment 323, 326, 327–8
- anger management 119–20
 techniques 330
- ANGER strategy 119–20
- anosognosia 4
- anterograde disorientation 311
- anticipatory awareness 119
- anxiety
 acquired brain injury 57
 head injury with identity change 258, 266, 260
 management of related problems 120
 traumatic brain injury 3–4
- aphasia 157
 cognitive–linguistic interventions 28
 head injury with
 communication and numeracy problems 211–15
- apraxia
 deficit remediation 28
 errorless learning 297
 ocular 304
 optic 304
 picture cueing 297
 strategy training 28
- arithmetic fact retrieval 218, 220–1
- artwork 73
 understanding of brain injury 72–3
- assertiveness skills, Communication Group 159–60
- assessment
 interdisciplinary summary 210, 216
 models 11
 outcome measurement 344
 procedures 59–60
- assistive technology 32
 outcome measurement 347–8
 Voice Organizer 39
 see also electronic organizers; NeuroPage service; pagers; personal organizers
- association making, memory rehabilitation 103
- attention
 anatomy 85
 Cognitive Group 81
 case study 92–7
 effectiveness 92
 sessions 84–92
 divided 87–8
 evidence base for rehabilitation 81–3
 head injury
 with cerebrovascular complications 194–5
 with communication and numeracy problems 205–7

- managing 86–7
 multitasking 86
 programme goals 93–4
 quiz 84, 95
 selective 241
 sustained 81–2, 87–8
 difficulties 94
 training 87–8
 training skills 5
 understanding other
 people's problems 88
- Attention and Goal Management Group**
 81–2
 problem scenarios 96
- attention deficit**
 head injury with expressive
 dysphasia and
 dyspraxia 294
 remediation 28
 strategies 94
 training 28
- auditory processing difficulties**
 209
- awareness**
 anticipatory 119
 assessment
 head injury with
 expressive dysphasia
 and dyspraxia 294
 head injury with identity
 change 258
 family problems 150
Mood Management Model
 118
 post-injury change 57
- The Awareness of Social Inference Test (TASIT)**
 158
- balance, interdisciplinary rehabilitation for traumatic brain injury**
 242
- Balint–Holmes syndrome**
 307–8
- Balint's syndrome**
 egocentric disorientation
 312
 optic apraxia 304
- Balint's syndrome and topographical disorientation** 304–5
- Cambridge Landmarks Tests**
 313–15
- diagnosis** 307–8
- egocentric disorientation**
 312–13
- emotional support** 315–16
- exocentric representation**
 314
- eye movements** 307
- history** 304–5
- information for carers** 308–9
- IQ** 305
- landmarks**
 Cambridge Landmarks Tests 313–15
 orientation 314
 recognition 313–14
- localization skills**
 improvement 309–10
- memory deficit** 305–6
- misunderstandings** 315
- neuropsychological assessment** 305–7
- reading problems** 306
- route knowledge** 314–15
- simultanagnosia** 304, 308, 315
- therapeutic interventions**
 308
- topographical disorientation**
 311
- topographical knowledge investigations** 310–12
- visuo-motor skills** 307, 308
- visuo-spatial abilities** 306–7
- writing inability** 306
- Bangor Gambling Task** 158
- Beck Anxiety Inventory** 258
- Beck Depression Inventory** 258
- behaviour**
 experiments in head injury
 with identity change
 263–7
 head injury
 with communication and
 numeracy problems
 208
 with identity change
 258, 263, 269
- interdisciplinary rehabilitation for traumatic brain injury**
 240–1
- interdisciplinary teams** 7–8
- learning theories** 9
- modification techniques** 9
- multidisciplinary teams**
 7–8
- pagors in everyday functioning**
 measurement 27
- post-injury change** 57
- prediction** 11
- psychological formulation of factors** 295
- social context processing** 6
- theories and models** 7–9
- behaviour assessment**
 haemorrhagic stroke with
 brain abscess 274
- head injury**
 with expressive dysphasia
 and dyspraxia 294
 with identity change
 258
- instruments** 7–8
- models** 11
- Behavioural Assessment of the Dysexecutive Syndrome (BADS)** 195, 207–8
- behavioural consequences, strategies for** 118–21
- behavioural experiments**
 approach 167
 head injury with identity
 change 263–7, 264
- behavioural expression, Mood Management Group**
 114
- Behavioural Inattention Test**
 195–6
- Balint's syndrome and topographical disorientation** 306
- head injury with communication and numeracy problems**
 205–7
- behavioural methods**
 assessment 8
 brain injury 8, 8–9
 individualized treatment 8
 monitoring 8
 principles 8–9
 structure 8–9
 treatment 8

Index

- behavioural problems
 current problem
 identification 13
 vegetative state with
 cognitive recovery and
 emotional adjustment
 325–6
- behavioural responses
 control 115
 others' reactions to changes
 117–18
- Benton Visual Retention Test
 306
- BICRO (Brain Injury
 Community
 Rehabilitation
 Outcomes) 13
- biopsychosocial model of brain
 injury consequences 15
- Birmingham Object
 Recognition Battery
 208
- boom–bust model 245
- brain images 70
see also positron emission
 tomography (PET)
- brain injury 8–9
 acquired 57
 assessment models 11
 behavioural treatment
 methods 8
 biopsychosocial model of
 consequences 15
 care costs 31
 cognitive behavioural
 therapy 51
 compensation models 12
 current problem
 identification 13
 disrupted processes 49
 distress 57
 emotional consequences 3–4
 ethics of random allocation
 25
 extent 13
 goal setting 38–9
 holistic approach 24, 47, 53
 identity change 49–50
 impact extent 58
 improvement following 30
 language 147
 life post-injury 51
 mechanisms 70–1
 nature 13
 neurological factors 4
 neuroprotection 11–12
 non-progressive 48
 organizational models 12
 pre-injury rules 116
 psychoanalysis 6–7
 psychological consequences
 57
 psychological factors 4–6
 recovery models 11–12
 severity 13, 71
 social factors 6–7
 time pressure management
 training 28
*see also individual case
 studies*
- Brain Injury Community
 Rehabilitation
 Outcomes (BICRO) 13
- brainstem damage,
 catastrophic reaction 4
- breathing, relaxation strategies
 231
- Brixton spatial anticipation test
 207–8
- calculation 217, 219–20
 deficit rehabilitation 220–2
- calendars 107
- Cambridge Landmarks Tests
 313–15
- Canadian Occupational
 Performance Measure
 (COPM) 170
- care costs, brain injury 31
- carers 58–9
 complexity 139–40
 costs 31
 diversity 139–40
 involvement in
 rehabilitation process
 150–2
 points of contact 143, 144,
 146
- case studies *see* Balint's
 syndrome and
 topographical
 disorientation; head
 injury *entries*; stroke,
 haemorrhagic with
 brain abscess;
 vegetative state with
 cognitive recovery and
 emotional adjustment
- catastrophic reaction 4
 brainstem damage 4
 haemorrhagic stroke with
 brain abscess 275
 post-injury identity change
 49–50, 57
- cell phones *see* mobile phones
- cerebral blood flow, regional
 (rCBF), visual
 stimulation with PET
 319
- change
 adjustment to 116
see also identity change
- Chessington Occupational
 Therapy
 Neuropsychological
 Assessment Battery
 (COTNAB) 207–8
- children
 contact with 278–9
 family relationships 140
 father with haemorrhagic
 stroke with brain
 abscess 280–1
 intervention 284–8
 language use 286
 picture use 286, 287
- Chocolate Surprise Company
 85
- chunking, memory
 rehabilitation 104
- circular questioning 285
- classical conditioning 9
- clinical psychology sessions
 60–2
- Clinician Administered Post
 Traumatic Stress Scale
 (CAPS) 229, 232,
 233–4
 assessment 233
- cognitive behaviour therapy
 (CBT) 5–6
 behavioural experiment
 approach 167
 brain injury 51
 holistic rehabilitation 256
 interdisciplinary
 rehabilitation for
 traumatic brain injury
 243, 246–8

- post-traumatic stress disorder 230–1
- traumatic brain injury survivors 5–6
- cognitive behavioural model
Mood Management Group 113, 114
pre-injury rules 116
- cognitive communication disorders 157
- cognitive compensation 56
- cognitive deficit
compensation models 12
current problem
 identification 13
 goal remembering 39
 head injury
 with cerebrovascular complications 188–94, 201–2
 with expressive dysphasia and dyspraxia 293–4
 post-traumatic stress disorder 229, 233
 premorbid lifestyle/behaviour 13
- cognitive functioning
demands of brain injury 117
head injury with
 communication and numeracy problems 205
 higher 125
 social context processing 6
 mediated processes 125
 theories and models 2–3
- Cognitive Group
attention 81
 case study 92–7
 description 83
 effectiveness 92
 sessions 84–92
- executive function 81
 session 88–91
- memory 98–110
 external strategies 98–9, 106–8
 goal setting 99
 individualized memory systems 108–10
 internal strategies 98–9, 103–6
- cognitive maps, memory rehabilitation 104
- cognitive model, Mood Management Group 114
- cognitive recovery from vegetative state 322–3
- cognitive rehabilitation
clinical effectiveness 24–6, 30
comprehensive model 14
cost-effectiveness 30–2
development 22–3
efficacy
 single case studies 28–9
 small group studies 29
evidence base review 28
general principles 29–30
generalizations 29
implementation 24
published evidence 26–8
real-life behaviour measures 27
recovery prediction 30
single case studies 28–9
small group studies 29
strategy 195
theoretical models 24
- cognitive remediation 47
- cognitive skills, psychological support 125–6
- Cognitive Strategy Group 62
- cognitive–linguistic interventions, aphasia 28
- collaboration/collaborative working 50–1, 53
- collaborative formulation
head injury with identity change 262–3, 263
 positive 267–8
- interdisciplinary rehabilitation for traumatic brain injury 243–4
- coma 318
- communication
hypothetical web 124
interdisciplinary rehabilitation for traumatic brain injury 253
understanding 159
- see also* head injury with communication and numeracy problems; social communication
- communication assessment
haemorrhagic stroke with brain abscess 273
- head injury
with communication and numeracy problems 208–9
with expressive dysphasia and dyspraxia 294
with identity change 258
- interdisciplinary rehabilitation for traumatic brain injury 241
- communication board 325–6
- communication deficit
expressive dysphasia 293
head injury
with communication and numeracy problems 209, 211–15
with expressive dysphasia and dyspraxia 296
with identity change 258
- remediation 28
- vegetative state with
cognitive recovery and emotional adjustment 325–6
- Communication Group 157–61
assertiveness skills 159–60
communication principles 163
content 158–60
conversational skills 160
evaluation 160
goal setting 161
inclusion in 158
initial session 159
links to other sessions 160–1
questionnaires 158, 160–1
relatives involvement 161
session structure 160
Understanding Brain Injury Group links 158–9
understanding communication 159

Index

- Communication Rating Scale
162, 162
- communicative competence
158
- communicative flexibility 159
- community
activities 186
therapeutic milieu extended
to 292
- community meeting, daily
164–6
aims 165
structure and content 165–6
- compensation models 12
- compensatory rehabilitation 26
- compensatory strategies 38
- components 56
- interdisciplinary
rehabilitation for
traumatic brain injury
253
- learning 55–6
- comprehensive model of
rehabilitation 13–16
- computer keyboard, speed
increase 200, 202
- concentration 87
difficulties in post-traumatic
stress disorder 231
film watching 94
- confidence 222
- Constraint Induced Aphasia
Therapy (CIAT)
212–13
head injury with
communication and
numeracy problems
214–15
- contact lens management 201,
202
- control theory model 38–9
- conversational repair 149
- conversational skills,
Communication Group
160
- conversations
post-traumatic stress
disorder 231
reflecting 148
- cooking skills 221, 222
experiment in head injury
with identity change
266
- head injury with expressive
dysphasia and
dyspraxia 299
- coping
behaviour in
interdisciplinary
rehabilitation for
traumatic brain injury
241, 252
- demands of specific
situations 118
- intrusive images 231
- style 116–17
- traumatic events 116
- co-remembering, families 149
- cost-effectiveness
cognitive rehabilitation
30–2
- post-acute neurobehavioural
community
rehabilitation
programme 31
- costs
carers 31
direct 31
indirect 31
papers 31–2
- counting 219
- couples, outcomes 139
- cues
intentions 104
vanishing 43–4
- Culture Free Self-Esteem
Inventory 2, 258
- curative factors, group working
131
- Daily Diary Group 62–3
- day-to-day activities
remembering/
scheduling 200–1
- decision-making 246
- deficits
identification 2–3
understanding of 2
- denial, traumatic brain
injury 4
- depression
acquired brain injury 57
haemorrhagic stroke with
brain abscess 275
- Mood Management Group
120–1
- traumatic brain injury 3–4
vegetative state with
cognitive recovery and
emotional adjustment
325–6
- diaries
memory aids 106–7
memory strategies 98–9
self-monitoring 84–5
- dictaphones 107
- Digit Symbol subtest 188
- discourse difficulties 157
- discovery, guided 263
- Discovery Group 167–8
responsibility checklist 176
- discovery-based learning 167
- disorientation
anterograde 311
egocentric 311
descriptions of patients
311–12
heading 311
topographical in Balint's
syndrome 311
see also Balint's syndrome
and topographical
disorientation
- disrupted processes 49
- disseminated
encephalomyelopathy
317
- distress, post-brain injury 57
- domestic activities of daily
living 186
- Doors and People Test 194
- dosset boxes 107
- downtime, interdisciplinary
rehabilitation 244–6
- drill and practice, memory
rehabilitation 98–9
- driving 200, 202
- dual route model of reading
2–3
- dual-tasking problems 94–5
- dysarthria 157
- Dysexecutive Questionnaire 92,
250–3
head injury with identity
change 268–9
impulsivity 251
total score changes 340
- Dysexecutive Syndrome,
working memory

- model of Baddeley and Hitch 3
 - dyslexia 157
 - dysphasia, expressive 293
 - dyspraxia
 - head injury
 - with cerebrovascular complications 188–94
 - with expressive dysphasia and dyspraxia 294, 296
 - personal care problems 293
 - verbal 209
 - eco-mapping, haemorrhagic stroke with brain abscess 281, 282
 - education
 - haemorrhagic stroke with brain abscess 284–5
 - outcome measurement 345–7
 - Study Skills Group 174
 - egocentric disorientation 311
 - Balint's syndrome and topographical disorientation 312–13
 - descriptions of patients 311–12
 - reading problems 312
 - visuo-spatial abilities 312
 - writing problems 312
 - ego-identity development
 - model 50–1
 - Ekman and Friesen Facial Emotion Recognition Test 208
 - electronic organizers 107
 - head injury with cerebrovascular complications 200–1
 - interdisciplinary rehabilitation for traumatic brain injury 245, 249
 - memory strategies 98–9
 - post-traumatic stress disorder 235
 - see also* personal organizers
 - Elevator Counting 205
 - emergent awareness 119
 - emotion(s)
 - current problem identification 13
 - goal process account 10
 - Mood Management Group 115–16
 - negative 116
 - normalizing reactions 112–13
 - post-injury change 57
 - social context processing 6
 - Emotion Recognition Task 196
 - emotional adjustment
 - head injury
 - with communication and numeracy problems 208
 - with expressive dysphasia and dyspraxia 294
 - with identity change 257, 258, 270
 - interdisciplinary rehabilitation for traumatic brain injury 240–1, 245
 - vegetative state with cognitive recovery and emotional adjustment 326
 - emotional consequences
 - causes 325
 - strategies for 118–21
 - emotional coping, interdisciplinary rehabilitation 246–8
 - emotional expression, Mood Management Group 114
 - emotional functioning models 3–4
 - emotional problems
 - haemorrhagic stroke with brain abscess 275
 - head injury with identity change 258
 - vegetative state with cognitive recovery and emotional adjustment 325–6
 - emotional processes, Mood Management Group 114
 - emotional responses
 - control 115
 - Mood Management Group 115
 - others' reactions to changes 117–18
 - traumatic events 116–17
 - employment 63–4
 - goals 199
 - head injury with cerebrovascular complications 185, 187, 199, 202
 - memory rehabilitation 109–10
 - supported work programme 31
 - vocational skills group 172–4
 - voluntary work experience 174
 - work experience 63–4
 - empty-chair techniques 148
 - encephalitis 317
 - environment
 - adaptation 56
 - impact on behaviour/emotions 117–18
 - organizing 108
 - errorless learning 9–10, 30
 - Alzheimer's disease 43–4
 - apraxia 297
 - head injury with expressive dysphasia and dyspraxia 296–7
 - picture cueing/repetition 297
 - repetition 297
 - memory deficits 10, 104–5
 - ethics, random allocation in RCTs 25
 - European Brain Injury Questionnaire (EBIQ) 13, 238, 250
 - goal attainment relationship 341
 - head injury with identity change 268–9
 - impulsivity 251
 - outcome measurement 336
 - rehabilitation impact on self-rated responses 341
 - total score changes 340
- evaluation of interventions 16
- everyday functioning, measurement 27

Index

- executive function/functioning 125
- case study 94
- Cognitive Group 81
- conceptualized mediation 142
- evidence base for rehabilitation 81–3
- group level 126–7
- group-based skill retraining 82
- head injury
- with cerebrovascular complications 195
 - with communication and numeracy problems 207–8
- interdisciplinary rehabilitation for traumatic brain injury 246
- mental blackboard concept 91
- metaphors 88
- session 88–91
- executive functioning deficit
- families 149
 - haemorrhagic stroke with brain abscess 273
 - head injury
 - with expressive dysphasia and dyspraxia 294, 297
 - with identity change 257–8 - remediation 28
- exocentric representation 314
- expanding rehearsal *see* spaced rehearsal
- experiential learning 10–11, 167
- experimental groups 164–5, 167
- expressive dysphasia, communication deficit 293
- expressive language
- difficulties 142
 - head injury with cerebrovascular complications 184–5
 - interdisciplinary rehabilitation for traumatic brain injury 241
- externalizing, family rehabilitation 150
- eye movements 307
- Facial Emotion Recognition Test of Ekman and Friesen 208
- families 58–9, 138–50, 272
- awareness problems 150
 - child relatives 140
 - circular questioning 147–8
 - circular relationships 139–40
 - clinician reflection 145–7, 148
 - clinician roles 148
 - complexity 139–40
 - systemic response 140–2
- conversational repair 149
- co-remembering 149
- couple outcomes 139
- differences 140
- diversity 139–40
- systemic response 140–2
- educational interventions 149
- empowering 54
- executive functioning deficit 149
- expressive language
- difficulties 142
- externalizing 150
- involvement in rehabilitation process 150–2
- issues in haemorrhagic stroke with brain abscess 280–1, 288–9
- goal attainment 288
 - intervention 281–8, 283
 - problem solving 287
 - service liaison 281–4
- liaison 143–5
- mapping 143–5, 147
- needs 139
- negative psychosocial outcomes 140
- observing systems 141
- points of contact 143, 144, 146
- problems 140
- problem-solving frameworks 149
- receptive language
- difficulties 142
- relational information 147–8
- relationships genogram 277
- relatives
- Communication Group involvement 161
 - perceptions of problems 140
- relatives groups 149, 150–2
- membership 152
- services 143
- sessions 148–9
- systemic work 142–3
- systems 141–2
- vegetative state with
- cognitive recovery and emotional adjustment
 - role in recovery 331
 - views of illness 331–2
 - views of treatment 323–4
- family therapy
- contemporary systemic 141
 - haemorrhagic stroke with brain abscess 279, 280, 281–4, 288
- family work, haemorrhagic stroke with brain abscess 277–80
- fatigue cycles 245
- fatigue management 86
- interdisciplinary rehabilitation for traumatic brain injury 244–6, 252
- fear response, post-traumatic stress disorder 6
- film watching, concentration 94
- Filofax 107
- First World War 22–3
- financial affairs management 200, 202
- fraction comprehension 218, 219–21, 222
- pre-/post-training assessment 224
- Frontal Lobe Syndrome *see* Dysexecutive Syndrome
- frustration, management 119–20

- functional activities
 functional skills groups 169
 meaningful 58
functional adaptation 23
functional goals 95
functional impairment 274
functional skills-oriented
 groups 164–5, 169–70
functioning, optimum level 48
funding of clients 60
- Gate Control Theory of Pain 244
- General Health Questionnaire
 28-item version (GHQ-28)
 240–1, 252
 interdisciplinary
 rehabilitation for
 traumatic brain injury
 253
- generalization
 cognitive rehabilitation 29
 goal setting 44
 training 10–11
- genogram, haemorrhagic
 stroke with brain
 abscess 282
- Glasgow Coma Scale (GCS) 318
- goal(s)
 attention problems 93–4
 categories 338
 functional 95
 haemorrhagic stroke with
 brain abscess 273, 276,
 288, 289
 long-term 38–9, 40, 339
 neglect 83
 parenting 272
 questionnaires 340
 Rivermead Life Goals
 Questionnaire 337
 short-term 38–9, 40
 social participation for head
 injury with expressive
 dysphasia and
 dyspraxia 297–9
 vegetative state with
 cognitive recovery and
 emotional adjustment
 329
 weighting 41
 see also SMART goals
- goal achievement
 deadline 41
 expected levels 41
 failure categories 40
 moderators 38–9
- goal attainment
 European Brain Injury
 Questionnaire score
 relationship 341
 evaluation method 338–9
 haemorrhagic stroke with
 brain abscess 288
 head injury with identity
 change 270
 interdisciplinary
 rehabilitation for
 traumatic brain injury
 249–50
 participant analysis results
 340–2
- goal attainment scaling (GAS)
 41–2
 head injury with
 communication and
 numeracy problems
 222
 T scores 42
- goal commitment 39
 self-efficacy 39
- goal management
 difficulties 95
 framework 88–92, 89, 95
 client template 90
 interdisciplinary
 rehabilitation for
 traumatic brain injury
 246–9
 hot goals 248
- Goal Management Training
 (GMT) 83
- goal planning 39–42, 59–60
 advantages 40–1
 effectiveness 42
 experimental groups 167
 outcome measures 40
 principles 40
 process 40–1
- goal process account of
 emotion 10
- goal setting 37–9
 Alzheimer's disease 43–4
 brain injury 38–9
 commitment 39
- Communication Group 161
 effectiveness 146–8
 feedback 38–9
 generalization 44
 head injury
 with communication and
 numeracy problems
 210–11
 with expressive dysphasia
 and dyspraxia 297–9
 increased participation 42–3
 interdisciplinary
 rehabilitation for
 traumatic brain injury
 243
 memory deficit 43, 99
 Oliver Zangwill Centre 55
 procedure 338
 organization 49
 reading remediation 43
 rehabilitation evaluation
 43–4
 service evaluation 336–7
 single case studies 44
 treatment programme
 planning/evaluation
 148–50
 usual practice 42–3
- goal theory 38–9
 goal-directed activities 54–5
 goals, parenting 276
 group activity 53
 therapeutic milieu 164
 group process models 12, 126
 group working 62–3
 curative factors 131
 executive function 126–7
 facilitator roles 125–6
 literature 124–5, 135
 reframing 132
 guided discovery 263
- head injury with
 cerebrovascular
 complications 182
 activities of daily living 185,
 187
 affect 196
 assessment 186–7
 attention 194–5
 detailed 187
 attention 194–5
 client's goals 184

Index

- head injury with
 cerebrovascular complications (*cont.*)
 cognitive assessment 188–94
 cognitive deficit 201–2
 cognitive strategy sessions 195
 community activities 186
 computer keyboard speed increase 200, 202
 contact lens management 201, 202
 day-to-day activities remembering/scheduling 200–1
 Digit Symbol subtest 188
 domestic activities of daily living 186
 driving 200, 202
 dyspraxia 188–94
 employment 185, 187, 202
 goals 199
 executive process assessment 195
 expressive language 184–5
 financial affairs management 200, 202
 goals for rehabilitation 197–201
 history of injury 182–3
 memory assessment 194
 model helicopter flying 200, 202
 neuropsychological assessment 184
 neuropsychological report 187–96
 perception 185
 assessment 195–6
 physical function assessment 185
 presenting complaints 183–4
 progress since discharge 201–2
 reading speed increase 199
 receptive language 184
 recommendations 186–7
 rehabilitation programme 197–201
 self-care skills 185–6
 social history 183
 speech 201–2
 intelligibility 198
 speech and language assessment 184
 spelling accuracy improvement 199
 time telling accuracy 201, 202
 transfers 185
 verbal fluency 201–2
 visuo-motor skills 200
 writing speed increase 198, 202
- head injury with
 communication and numeracy problems 203
 acalculia 215–16
 assessment 217, 218–20
 calculation 219–20
 counting 219
 fraction comprehension 219–20
 models 216–17
 number comprehension/expression 219
 numerical fact retrieval 219
 rehabilitation 217–18
 aphasia rehabilitation 211–15
 assessment 204–9
 attention 205–7
 auditory processing difficulties 209
 behaviour 208
 calculation deficit rehabilitation 220–2
 cognitive assessment scores 206
 cognitive functioning 205
 communication assessment 208–9
 scores 206
 communication deficit 209
 cognitive neuropsychological rehabilitation 211–15
 confidence 222
 Constraint Induced Aphasia Therapy 212–13, 214–15
 cooking skills 221, 222
 emotional adjustment 208
 executive functioning 207–8
 family interview 205
 functional outcomes 222
 goal attainment 222
 goal setting 210–11
 independent living skills 209
 injury history 203–4
 intensive conventional therapy 212, 213–15
 language assessment 208–9
 memory 205
 mood assessment 208
 neuropsychological assessment 205
 number processing 221
 pre-/post-training assessment 223
 numeracy deficit rehabilitation 220–2
 numeracy skills 215–22
 past assessment 204
 practical compensatory strategies 222
 problem solving 222
 public transport use 222
 rehabilitation programme 209–15
 self-esteem 222
 self-report of problems/goals 204–5
 semantic relearning of information 222
 social history 204
 verbal dyspraxia 209
 visuo-spatial perception 208
- head injury with expressive dysphasia and dyspraxia
 activity restrictions 295–6
 assessment 293
 attention deficit 294
 awareness assessment 294
 behaviour assessment 294
 camera use 298–9
 client self-report 293
 cognitive deficit 293–4
 communication assessment 294
 deficit severity 296
 dyspraxia difficulties 294
 severity 296

- emotional adjustment 294
 errorless learning 296–7
 executive functioning deficit 294, 297
 history of injury 292–3
 impairments 295
 independent living skills 294
 intervention choice 296–7
 language assessment 294
 meal preparation 299
 mobile phone use 299
 neuropsychology assessment 293–4
 participation restrictions 295–6
 personal contextual factors 296
 picture cueing in apraxia 297
 social contextual factors 296
 social history 293
 social participation
 change assessment 294
 goals 297–9
 teeth cleaning 299
 walking to and from shop independently 298
 head injury with identity change
 acceptance 261–2
 adaptive assumptions/rules 267
 adaptive self-representation building 262, 269
 adjustment to injury 261–2
 anxiety 258, 260, 266
 assessment 257–9
 awareness assessment 258
 behaviour 263
 assessment 258
 change 269
 behavioural experiments 263–7, 264
 body/process limitations 259
 collaborative formulation 262–3, 263
 positive 267–8
 communication assessment 258
 contextual factors 259
 cooking experiment 266
 emotional adjustment 257, 258, 270
 emotional difficulties 258
 executive functioning deficit 257–8
 formulation 259
 goals 257, 261
 attainment 270
 guided discovery 263
 history of injury 256–7
 icons 267
 identity maps 267
 imagery 267
 independent living skills 261
 language assessment 258
 memory deficit 257–8
 metaphor use 267
 neuropsychological assessment 257–8
 no room for error rule 266
 outcomes 268–70
 panic 258, 260
 positive formulation 267–8
 questionnaire measures 268–9
 rehabilitation programme 261–8
 structure 261
 safety behaviours 262–3
 self-reported difficulties 257
 self-representation pre-/post-injury integration 267–8
 social history 257
 social participation restrictions 259
 symptom rating 269
 threat to identity 259, 262
 triggers 259
 understanding of injury 261–2
 U-turn approach 268
 heading disorientation 311
 Headway, haemorrhagic stroke with brain abscess 279
 holistic rehabilitation
 brain injury 24, 47, 53
 cognitive behaviour therapy 256
 outcomes 334
 psychological support 124
 therapeutic milieu 123–4
 Hospital and Anxiety Depression Scale (HADS) 196, 233–4
 head injury with identity change 258
 interdisciplinary rehabilitation for traumatic brain injury 240, 252, 252
 housing 278
 hypervigilance 241, 245
 icons, head injury with identity change 267
 identity
 integrated sense 52
 threats to 259, 262
 identity change
 post-injury 49–50, 57, 256
 see also head injury with identity change
 identity maps 256, 267
 imagery
 head injury with identity change 267
 spatial 306
 visual 30, 103–4
 see also metaphors
 implementation of
 neuropsychological rehabilitation 24
 impulsivity 246, 249, 249, 251
 independent living skills
 head injury with communication and numeracy problems 209
 head injury with expressive dysphasia and dyspraxia 294
 head injury with identity change 261
 see also activities
 Independent Living Skills Group 170–1
 aims 170
 content 170–1
 rationale 170
 structure 170–1
 individual programme
 co-ordinator (IPC) 60, 109
 insight, vegetative state with cognitive recovery and emotional adjustment 326

Index

- intellectual awareness 119
- intensive programmes,
outcome measurement 335
- intentions, visual imagery 104
- Interacting Cognitive
Subsystems model 50–1
- interdisciplinary rehabilitation
for traumatic brain
injury 237
- activity planning 246–8
- assessment 238–42
- monitoring 239–40
- observation 239–40
- summary 210, 216
- balance 242
- behaviour 240–1
- boom–bust model 245
- client difficulties 238, 239
- cognitive behaviour therapy 243, 246–8
- collaborative formulation 243–4
- communication 253
- assessment 241
- compensatory strategies 253
- coping behaviour 241, 252
- decision-making 246
- To-do List 246
- downtime 244–6
- electronic organizer use 245, 249
- emotional adjustment 240–1, 245
- emotional coping 246–8
- executive function 246
- expressive language 241
- family difficulties 238, 239
- fatigue cycles 245
- fatigue management 244–6, 252
- general health questionnaire 253
- goal attainment 249–50
- goal management 246–9
- hot goals 248
- goal setting 243
- history of injury 237
- hypervigilance 241, 245
- impulsivity 246, 249, 249, 251
- language assessment 241
- memory slip monitoring 246
- mindfulness meditation 245–6, 249
- monitoring 239–40
- mood assessment 240–1
- nature and consequences of
injury portfolio 250
- neuropsychological
assessment 240
- observation 239–40
- outcomes 249–54
- pain 241, 252
- management 244–6, 250
- physical functioning
assessment 241–2
- questionnaire measures 250–2
- rehabilitation programme 242–9
- relaxation 245–6, 249
- rests 244–6
- rules for business and life 250, 252–5
- selective attention 241
- sensation 242
- social history 237–8
- social participation
restrictions 238–9
- social restriction assessment 240
- vision 242
- work-related strategies 247
- interdisciplinary teams 54
- assessment 59
- group working 63
- International Classification of
Functioning, Disability
and Health (WHO-
ICF) 242, 295
- inter-personal demands 117–18
- IQ
- Balint's syndrome and
topographical
disorientation 305
- head injury with
cerebrovascular
complications 188–94
- verbal 321, 322
- irritability management 119–20
- Israel, six-day war 23
- job description, memory
rehabilitation 109–10
- La Trobe communication
questionnaire 160
- landmark agnosia 311
- landmark orientation 314
- landmark recognition 313–14
test 313
- language
- of brain injury 147
- deficit remediation 28
- difficulties 142, 159
- processing 157
- expressive
- difficulties 142
- head injury with
cerebrovascular
complications 184–5
- interdisciplinary
rehabilitation for
traumatic brain injury 241
- group 125
- haemorrhagic stroke with
brain abscess 286
- processing difficulties 157
- receptive
- difficulties 142
- head injury with
cerebrovascular
complications 184
- interdisciplinary
rehabilitation for
traumatic brain injury 241
- language assessment
- haemorrhagic stroke with
brain abscess 273
- head injury
- with communication and
numeracy problems 208–9
- with expressive dysphasia
and dyspraxia 294
- with identity change 258
- interdisciplinary
rehabilitation for
traumatic brain injury 241
- learning
- discovery-based 167
- enhanced 56

- experiential 10–11, 167
 generalization training
 10–11
 with memory deficits 9–10
 models 9–11
 motivation 69, 74–6
see also errorless learning
 learning cycles, experiential
 164–5
 learning theory 7, 9–11
 behaviour modification
 techniques 9
 leisure group 171–2
 aims 171–2
 content 172
 rationale 171
 structure 172
 letters, therapeutic 287, 323
 limb activation treatment
 25–6
 unilateral neglect 28
 localization skills 309–10
 loss, adjustment to 116
- McGill Pain Questionnaire 241
 Map Search 205–7
 mapping
 families 143–5, 147
 see also mindmaps
 meal preparation, head injury
 with expressive
 dysphasia and
 dyspraxia 299
 Measure of Cognitive
 Linguistic Ability
 (MCLA) 158
 memory
 assessment 101
 head injury with
 cerebrovascular
 complications 194
 association making 103
 chunking 104
 Cognitive Group 98–110
 goal setting 99
 individualized memory
 systems 108–10
 compensatory strategies
 98–9
 drill and practice 98–9
 errorless learning 10, 104–5
 exercising 98–9
 explicit 9–10
 external strategies 98–9,
 106–8
 factors affecting 101
 head injury with
 communication and
 numeracy problems
 205
 implicit 9–10
 internal strategies 98–9,
 103–6
 mental retracing of steps
 98–9, 104
 mindmaps 105–6
 spatial 305–6
 strategies 99–100
 verbal 194
 visual 194
 short-term 306
 visual imagery 103–4
 see also PQRST strategy;
 working memory
 memory aids 99–100, 106–8
 goal remembering 39
 post-traumatic stress
 disorder 232
 premorbid use 106
 memory deficit
 Balint's syndrome and
 topographical
 disorientation 305–6
 compensation models 12
 compensatory strategies 38
 errorless learning 10
 goal remembering 39
 goal setting 43, 99
 haemorrhagic stroke with
 brain abscess 273
 head injury with identity
 change 257–8
 learning with 9–10
 management 102
 manifestations 101
 post-traumatic stress
 disorder 232
 questionnaire 102
 remediation 28
 strategy training 28
 memory games 102–3
 Memory Group, Oliver
 Zangwill Centre 100–3
 education component
 100–1
 external strategies 98–9,
 103–6
 objectives 100
 memory groups 99–100
 memory notebook, goal
 achievement 41
 memory slip monitoring 246
 memory systems
 development 99
 individualized 108–10
 memory training 25–6
 spaced retrieval 30
 mental blackboard concept
 83, 85
 executive function 91
 mental checking routine,
 stop–think 92
 mental maps, routes 104
 mental retracing of steps
 98–9
 memory rehabilitation 104
 metacognitive function 125
 metaphors
 executive function 88
 haemorrhagic stroke with
 brain abscess 285
 head injury with identity
 change 267
 information representation
 72
 personality development
 115–16
 Psychological Support
 Group 130
 sense of identity 52
 working memory 83
 meta-reflection 148
 Mind in the Eyes Test 158
 mindfulness techniques
 meditation in
 interdisciplinary
 rehabilitation 245–6,
 249
 vegetative state with
 cognitive recovery and
 emotional adjustment
 330
 mindmaps, memory
 rehabilitation 105–6
 mind-reading questions 148
 minimally conscious state
 (MCS), diagnosis
 318–19

Index

- mnemonic techniques
 memory rehabilitation 106
 strategy 98–9
- mobile phones 108
- model helicopter flying 200, 202
- models
 assessment 11
 behaviour 7–9
 biopsychosocial of brain
 injury consequences 15
 cognitive functioning 2–3
 cognitive rehabilitation 14
 compensation 12
 comprehensive 13–16
 dual route of reading 2–3
 emotional functioning 3–4
 group process 12
 learning 9–11
 organizational 12
 reading 2–3
 recovery 11–12
 stress-appraisal coping 4–5
 Working Memory of
 Baddeley and Hitch 3
see also Y-shaped model of
 rehabilitation process
- mood
 interdisciplinary
 rehabilitation 240–1
 low 120–1
 management in post-
 traumatic stress
 disorder 234–5
 Mood Management Group
 115–16
- mood assessment
 haemorrhagic stroke with
 brain abscess 274
 head injury with
 communication and
 numeracy problems
 208
 questionnaires 233–4
- Mood Management Group
 112–21
 adjustment to changes/losses
 116
 aims 112–13
 anger management 119–20
 anxiety-related problem
 management 120
 coping style 116–17
- environments 117–18
 frustration management
 119–20
 group sessions 113
 group summary sheet 113,
 121
 information presentation
 113
 irritability management
 119–20
 low mood 120–1
 organization 113
 sadness 120–1
 structure 113
 syllabus 113–16
 topics of interest 114
 triggers 117–18
 week 1 114
 weeks 2–5 115–18
 weeks 6–12 118–21
- Mood Management Model,
 awareness 118
- multidisciplinary teams,
 organizational models
 12
- multitasking 86
- name learning, visual imagery
 104
- naming difficulties 157
- narrative therapy 330
- neglect, unilateral
 limb activation treatment
 25–6
 visual scanning 28
- neuroanatomy 70
- neurological damage, Mood
 Management Group
 115
- NeuroPage service 32, 64,
 107–8, 347–8
 memory strategies 98–9
 publications 347
- neuroprotection, brain injury
 11–12
- neuropsychological tests,
 outcome measures 26,
 37–8
- Neurotext 108
- Newsletter Group 168
- notebooks, memory aids 106–7
- number comprehension/
 expression 219
- number processing 217
 head injury with
 communication and
 numeracy problems
 221
- numeracy
 deficit rehabilitation 220–2
 skills 215–22
 training 220–1
see also head injury with
 communication and
 numeracy problems
- numerical fact retrieval 219
- object naming measures 158
- occipital-parietal damage 305,
 312
- occupation 55
see also employment
- occupational therapy, sessions
 60–2
- ocular apraxia 304
- oestrogen, brain injury
 neuroprotection 11–12
- Oliver Zangwill Centre 47
 admissions geographical
 distribution 2
 assessment procedures
 59–60
 development 64
 carers 58–9
 clients 48
 accommodation 60
 empowering 54
 funding 60
 transport 60
 collaborative working 53
 compensatory strategy
 learning 55–6
 employment 63–4
 families 58–9
 empowering 54
 goal planning 40, 59–60
 goal setting 55
 procedure 338
 goal-directed activities 54–5
 group sessions 62–3
 holistic approach
 psychological support
 124
 therapeutic milieu 123–4
 individual programme
 co-ordinator 60

- individual sessions 60–2
interdisciplinary teams 54
 assessment 59
 group working 63
meaningful functional activities 58
Memory Group 100–3
origins 47
personal construct psychology 39
programme content 60–4
psychological interventions 57–8
rehabilitation organization 49–52
rehabilitation procedures 59–60
research 64, 344
 grants 345
shared understanding 52, 53–4
 person, family and team 57, 58
 processes 54
skill retraining 55–6
staff team 48–9
staff–client ratio 48
structure 48–9
support workers 60
therapeutic milieu 51, 52–3, 58
timetable 60, 61
treatment procedures development 64
user group 342–4
visitors 64
work experience 63–4
see also Cognitive Group; Communication Group; families; Mood Management Group; outcome measurement; Psychological Support Group
- operant conditioning 9
operation symbol processing 218
optic apraxia, Balint's syndrome 304
organizational models 12
outcome evaluation 37–8
outcome measurement 334–6
- assessment 344
assistive technology 347–8
education 345–7
goal attainment evaluation method 338–9
goal planning 40
goal setting OZC procedure 338
 service evaluation 336–7
holistic rehabilitation 334
intensive programmes 335
neuropsychological tests 26, 37–8
participant analysis results 339–42
personal constructs 335–6
questionnaires administration 339
 for programme impact evaluation 336
research 344
user group 342–4
overload formulation 244
- pagers costs 31–2
everyday functioning measurement 27
message types 32
real-life behaviour measures 27
service provision 31–2
- pain biopsychosocial model 244
interdisciplinary rehabilitation for traumatic brain injury 241, 252
management 244–6, 250
panic, head injury with identity change 258, 260
- parenting goals 272, 276
haemorrhagic stroke with brain abscess ability 277–8
skills training 287–8
parents of client in vegetative state with cognitive recovery and emotional adjustment
- views of illness 331–2
views of treatment 323–4
parietal damage 312
participant analysis results 339–42
 goal attainment 340–2
 participant responses 342
 questionnaires 340–2 data 339
participation restrictions 275
partnerships 54
perception 185, 195–6
perseveration of emotional responding 6
persistent vegetative state 318
see also vegetative state
personal care problems 293
personal construct psychology 39
 vegetative state with cognitive recovery and emotional adjustment 328
personal constructs, outcome measurement 335–6
personal digital assistants (PDAs) *see* electronic organizers
personal injury lawyer 279
personal organizers 107
 post-traumatic stress disorder 232
see also electronic organizers
personality change 116
development 115–16
pre-/post-injury 115–16
phenomenological field, engagement with 57
physical demands of brain injury 117
physical functioning assessment
head injury with cerebrovascular complications 185
interdisciplinary rehabilitation for traumatic brain injury 241–2
physiotherapy sessions 60–2

Index

- physiotherapy (*cont.*)
 vegetative state with
 cognitive recovery and emotional adjustment 324, 325–6
 picture cueing
 in apraxia 297
 errorless learning 297
 picture use 286, 287
 pill boxes 107
 planning
 difficulties 93
 post-traumatic stress disorder 232
 positron emission tomography (PET), visual stimulation 319, 320
 post-acute neurobehavioural community rehabilitation programme 31
 post-injury self, comparison with pre-injury 117
 post-it notes 107
 post-traumatic stress disorder (PTSD) 227
 cognitive behaviour therapy approach 230–1
 cognitive deficit 229, 233
 concentration 231
 conversations 231
 electronic organizers 235
 fear response 6
 head injury 227–8
 interventions 230–3
 memory 232
 mood assessment 229
 mood management 234–5
 neuropsychological assessment 228
 personal organizers 232
 planning 232
 public transport use 232
 rehabilitation goals 229–30
 rehabilitation programme 230–3
 outcome 232–3
 relaxation strategies 231, 235
 symptoms 228, 234
 measures 233–4
 traumatic brain injury 3–5, 234
 differences after 234
 Understanding Brain Injury Group attendance 230
 PQRST strategy 30, 86–7
 association making for memory rehabilitation 103
 memory rehabilitation 105
 practical compensatory strategies 222
 pragmatic difficulties 157
 pre-injury self, comparison with post-injury 117
 Preview, Question, Read, State and Test *see* PQRST strategy
 problem solving
 coping style 117
 deficit remediation 28
 difficulties 95
 frameworks for families 149
 Goal Management framework 88–9
 head injury with communication and numeracy problems 222
 training 25–6
 vegetative state with cognitive recovery and emotional adjustment 330
 Problem Solving Therapy (PST) 82
 problem-determined system mapping 281
 programme impact evaluation, questionnaires 336
 project groups, practically based 164–5
 community meeting 164–6
 Discovery Group 167–8
 experimental groups 164–5, 167
 functional skills-oriented groups 164–5, 169–70
 Independent Living Skills Group 170–1
 Leisure Group 171–2
 Newsletter Group 168
 review meeting 164–5, 166–7
 Strategy Application Group 168–9
 Study Skills Group 174–5
 Vocational Skills Group 172–4
 project-based groups 164–5
 psychoanalysis, brain injury 6–7
 psychological interventions 57–8
 psychological support, holistic approach 124
 Psychological Support Group 123–37
 adjustment issues 132–3
 administration 128
 atmosphere of group 133
 background literature 124–7
 documentation 128
 ending groups 134–5
 exclusions 127
 facilitators 128–9, 130–4
 handing down experiences 132
 reflection 132, 133, 134–5
 transitions 134–5
 feedback 131
 first session 128–30
 goals 130–1
 group member reflections 136
 handing down experiences 132
 icebreakers 129
 leaving the group 134–5
 mediated processes 133–4
 membership 127–8
 metaphor use 130
 new intake 129
 practical support 133
 reflection 132, 133, 134
 group members 136
 transitions 134–5
 reframing 132
 rules 129
 second and subsequent sessions 130–4
 therapeutic milieu 125
 transitions 134–5
 psychosocial problems, current problem identification 13
 psychotherapy 327–8
 public transport use
 head injury with communication and

- numeracy problems 222
 post-traumatic stress disorder 232
 questionnaires
 administration 339
 goals 340
 participant analysis results 339, 340–2
 personal construct 335
 programme impact evaluation 336
 Rasch analysis 341–2
 see also named questionnaires
 randomized controlled trials (RCT) 26
 cognitive rehabilitation clinical effectiveness 24–6
 random allocation 25
 Raven's Standard Progressive Matrices 304
 vegetative state with cognitive recovery and emotional adjustment 321, 322
 reading/reading problems
 Balint's syndrome and topographical disorientation 306
 egocentric disorientation 312
 goal setting for remediation 43
 models 2–3
 speed increase for head injury with cerebrovascular complications 199
 real-life behaviours, measures 27
 receptive language difficulties 142
 head injury with cerebrovascular complications 184
 interdisciplinary rehabilitation for traumatic brain injury 241
 recognition memory for words/faces 322
 recovery
 models 11–12
 prediction 30
 reflection, haemorrhagic stroke with brain abscess 285
 re-formulation, haemorrhagic stroke with brain abscess 280–8
 reframing
 group working 132
 haemorrhagic stroke with brain abscess 286
 rehabilitation
 core components 52–4
 evaluation of interventions 16
 goal setting 43–4
 goals 15–16, 26
 procedures 59–60
 strategy decisions 15
 task hierarchy 50–1
 relationship issues 275, 277–8, 281–4
 goals 276
 relatives
 Communication Group involvement 161
 perceptions of problems 140
 see also families; parents of client in vegetative state with cognitive recovery and emotional adjustment
 relatives' groups 149
 attendance 150–2
 membership 152
 relaxation strategies
 breathing 231
 interdisciplinary rehabilitation for traumatic brain injury 245–6, 249
 post-traumatic stress disorder 231, 235
 repetition 30
 errorless learning for head injury with expressive dysphasia and dyspraxia 297
 research 64
 grants 345
 outcome measurement 344
 responsibility, shared 53
 rests, interdisciplinary rehabilitation for traumatic brain injury 244–6
 review meeting, weekly 164–5, 166–7
 rationale 166
 structure and content 166–7
 Rivermead Behavioural Memory Test (RBMT) 194, 228
 vegetative state with cognitive recovery and emotional adjustment 321, 322
 Rivermead Life Goals Questionnaire 337, 338
 road traffic accident survivors 23
 rote rehearsal 30
 route finding, memory rehabilitation 104
 route knowledge 314–15
 routine, use of 108
 sadness, Mood Management Group 120–1
 safety behaviours, head injury with identity change 262, 262–3
 Schuell's stimulation approach 212, 213–15
 scientist practitioner model of clinical psychology 47
 Second World War 23
 selective attention 241
 self-awareness 118
 self-care skills 185–6
 self-efficacy, goal commitment 39
 self-esteem 222
 self-memory model 39, 50–1
 sensation, interdisciplinary rehabilitation for traumatic brain injury 242
 services
 complexity 139–40
 diversity 139–40
 goal setting for evaluation 336–7
 see also support services
 shared responsibility 53

Index

- shared understanding 53–4
 person, family and team 57, 58
 processes 54
 shopping lists 104
 simultanagnosia 304, 308, 315
 single case studies
 cognitive rehabilitation 28–9, 29
 goal setting 44
 situations, coping with 118
 six-day war in Israel 23
 skill retraining 55–6
 group-based 82
 sleep management 86
 SMART goals 338
 interdisciplinary
 rehabilitation for
 traumatic brain injury 243
 Smith papyrus 22
 SMS texting 108
 Social Cognitions
 Questionnaire 258
 social communication 158
 assessment 158
 social context processing 6
 social demands 117–18
 social factors 6–7
 social isolation 157
 social participation
 change assessment 294
 goals 297–9
 restrictions 259
 social restriction,
 interdisciplinary
 assessment 240
 Social Services, haemorrhagic
 stroke with brain
 abscess 279
 social skills, psychological
 support 125–6
 socio-emotional processing
 158
 spaced rehearsal, Alzheimer's
 disease 43–4
 spaced retrieval 30
 spatial imagery 306
 spatial memory 305–6
 speech 201–2
 intelligibility increase 198
 speech and language
 assessment 184
 speech and language therapy
 Communication Group
 involvement 161
 sessions 60–2
 Speed and Capacity of
 Language Processing
 test 228
 spelling, accuracy
 improvement 199
 Spot the Word, vegetative state
 321, 322
 Stop–Think!, mental checking
 routine 92
 strategy application, difficulties
 93
 Strategy Application Group
 62–3, 168–9
 strategy training
 apraxia 28
 attention/memory deficit 28
 stress-appraisal coping model
 4–5
 stroke, haemorrhagic with
 brain abscess
 activity restrictions 275
 adjustment 274
 assessment 279–80
 process 273
 behaviour assessment 274
 catastrophic reaction 275
 children 280–1
 intervention 284–8
 circular questioning 285
 communication assessment
 273
 contact with children 278–9
 depression 275
 eco-mapping 281, 282
 education 284–5
 emotional problems 275
 executive functioning deficit
 273
 experiments 285
 family issues 280–1, 288–9
 goal attainment 288
 intervention 281–8, 283
 problem solving 287
 service liaison 281–4
 family therapy 279, 280,
 281–4, 288
 family work 277–80
 formulation 275
 functional impairment 274
 genogram 282
 goals 273, 276, 289
 attainment 288
 history of injury 272–3
 housing 277, 278
 intervention 281–4
 direct 284–8
 language 286
 assessment 273
 memory impairment 273
 metaphor use 285
 mood assessment 274
 neuropsychological
 assessment 273
 outcome 288–9, 289
 parenting
 ability 277–8
 goals 276
 skills training 287–8
 participation restrictions 275
 picture use 286, 287
 problem-determined system
 mapping 281
 reassessment 284
 recommendations 275–6
 re-formulation 280–8
 reframing 286
 rehabilitation programme
 276
 relationship issues 275,
 277–8, 281–4, 277
 goals 276
 service liaison 281–4
 social history 273
 socializing to rehabilitation
 interventions 287
 support services 277, 279
 therapeutic letters 287
 therapeutic reflection 285
 understanding of brain
 injury 284–5
 visual selective attention
 impairment 273
 Study Skills Group 174–5
 content 175
 rationale 174
 structure 175
 supervisory attentional
 function 125
 support services 277, 279
 support workers 60
 supported work programme 31
 systemic family work 142–3

- task hierarchy in rehabilitation 50–1
- team functioning models 12
- teamwork *see* interdisciplinary teams
- telephone message pad 200–1
- Test of Everyday Attention (TEA) 194–5, 228
- therapeutic alliance 327–8, 330
- therapeutic letters
- haemorrhagic stroke with brain abscess 287
 - vegetative state with cognitive recovery and emotional adjustment 323
- therapeutic milieu 51, 52–3, 58, 125
- in community 292
 - group activity 164
 - holistic rehabilitation 123–4
 - programme 23
- therapeutic reflection 285
- time pressure management training 28
- time telling 201
- accuracy 202
- to-do lists 107, 246
- topographical disorientation, Balint's syndrome 311
- topographical knowledge, Balint's syndrome 310–12
- transfers, head injury with cerebrovascular complications 185
- traumatic brain injury (TBI) 3–4
- cognitive behavioural therapy use in survivors 5–6
 - cognitive rehabilitation 24
 - compensatory rehabilitation 26
 - supported work programme 31
- traumatic events
- coping 116
 - emotional reactions 116–17
- trial-and-error learning 30
- triggers
- behavioural/emotional reactions 117–18
- head injury with identity change 259
- unawareness 4
- understanding
- communication 159
 - other people's problems 88
- understanding brain injury
- artwork 72–3
 - deficits 2
 - haemorrhagic stroke with brain abscess 284–5
 - head injury with identity change 261–2
 - shared 53–4
 - person, family and team 57
 - processes 54
- Understanding Brain Injury (UBI) Group 68–80
- aims 68–9
 - artwork use 72–3
 - attendance in post-traumatic stress disorder 230
 - behavioural consequences 77
 - building motivation to learn 69, 74–6
 - cognitive consequences 77
 - Communication Group links 158–9
 - content 69
 - creative work 73–4
 - emotional consequences 77
 - film of post-injury changes 71–2, 79
 - goals 76
 - group feedback 70
 - independent sessions 73–4
 - individual project work 79–80
 - injury mechanisms 70–1
 - learning
 - methods 75
 - outcomes 76 - links to Communication Group 158–9
 - memory deficit understanding 102
 - metaphor use 72
 - neuroanatomy 70
 - physical consequences 77
 - portfolio work 73–4, 79–80, 109
 - templates 77
 - post-traumatic stress disorder client 230
 - recovery mechanisms 71
 - severity of brain injury 71
 - strategy tables 78
 - structure 69
 - summary sheet 70
 - supervised sessions 73–4
 - syllabus 69–73, 75–6
 - understanding by others 71–3, 79–80
- user group, Oliver Zangwill Centre 342–4
- U-turn approach, head injury with identity change 268
- vanishing cues, Alzheimer's disease 43–4
- vegetative state
- diagnosis 318–19
 - misdiagnosis 319
- vegetative state with cognitive recovery and emotional adjustment 317
- anger 323, 326, 327–8
 - anger management techniques 330
 - assessments 322–3
 - background 317–19
 - behavioural problems 325–6
 - changes to life 325, 326, 330
 - cognitive recovery 322–3
 - communication deficit 325–6
 - depression 325–6
 - emotional problems 325–6
 - emotional recovery obstacles 326
 - family
 - role in recovery 331
 - views of treatment 323–4 - first contact 320–1
 - formulation 326, 327
 - goals 329
 - illness 317–19
 - imaging 318
 - initial assessment 321
 - results 321–2
 - insight 326
 - intervention 327–31, 329

Index

- vegetative state with cognitive recovery and emotional adjustment (*cont.*)
 letter for information 323
 mindfulness techniques 330
 narrative therapy 330
 outcomes 329
 personal construct psychology 328
 PET scan with visual stimulation 319
 physiotherapy 324, 325–6
 problem solving 330
 problems 329
 psychological distress 326
 psychological reaction 325
 psychotherapy 327–8
 therapeutic alliance 327–8, 330
 views of client/parents 323–4, 331–2
- verbal dyspraxia 209
 verbal fluency 201–2
 verbal IQ 321, 322
 verbal memory 194
 vision, interdisciplinary rehabilitation for traumatic brain injury 242
- visual imagery 30, 103–4
 visual memory 194
 Visual Object and Space Perception Battery (VOSP) 306–7
 visual scanning, unilateral neglect 28
 visual selective attention impairment 273
 visual short-term memory (VSTM) 306
 visuo-motor skills
- Balint's syndrome and topographical disorientation 307, 308
- head injury with cerebrovascular complications 200
- visuo-spatial abilities
 Balint's syndrome and topographical disorientation 306–7, 308–9
 egocentric disorientation 312
 perception 208
- visuo-spatial functioning deficit, remediation 28
- vocational skills group 172–4
 aims 172–3, 174
 content 173–4
 rationale 172
 structure 173–4
 voluntary work experience 174
- Voice Organizer, goal remembering 39
- voluntary work experience 174
- wall charts/planners 107
- Warrington Recognition Memory Test 194
- wayfinding, memory rehabilitation 104
- Wechsler Adult Intelligence Scale-Revised (WAIS-R)
 Balint's syndrome and topographical disorientation 305, 306
 vegetative state with cognitive recovery and emotional adjustment 321
- Wechsler Memory Scale-Revised 321, 322
- Wolfson Rehabilitation Centre (London), goal planning process 40
- work behaviours evaluation form 174, 177–9
- work experience 63–4
see also employment
- working alliance 54
- working memory metaphors 83
 model of Baddeley and Hitch 3
- World Health Organization (WHO) International Classification of Functioning, Disability and Health (WHO-ICF) 242, 295
- worry decision tree 120
- writing
 inability in Balint's syndrome and topographical disorientation 306
 problems with egocentric disorientation 312
 speed increase with head injury with cerebrovascular complications 198, 202
- Y-shaped model of rehabilitation process 49–52, 50, 68
- Zangwill, Oliver Louis 47
- zone of proximal development 50–1