

CHAPTER 11

Web-Based and Other Resources for Instruction

Michael Fraas, PhD, CCC-SLP, MHL, CBIS

11.1 Introduction	347
11.2 Assessment	347
11.2.A Goals of Assessment	348
11.2.B The World Health Organization International Classification of Functioning, Disability and Health Framework	348
11.2.C Assessment Resources	348
11.2.D Assessment Algorithms	348
11.3 Evidence-Based Practice	354
11.3.A NeuroBITE: The NeuroRehab Evidence Resource	354
11.3.B Web-Based and Other Resources for Brain Injury Education	356
11.4 Technology-Assisted Cognitive Rehabilitation	357
11.4.A Computer-Based Rehabilitation Interventions	358
11.4.A.1 MODULAR COMPUTER PROGRAMS	358
11.4.A.1.a Attention/Working Memory	358
11.4.A.1.b Cognitive-Linguistic Functioning	358
11.4.A.1.c Visual Perceptual Impairments	358
11.4.A.1.d Memory	359
11.4.A.1.e Executive Functioning	359
11.4.A.2 COMPREHENSIVE MULTI-MODAL PROGRAMS	359
11.4.B Assistive Technology for Cognition: Computer Applications for Smartphones and Tablets	360
11.4.B.1 CONSIDERATIONS WHEN SELECTING AN APPROPRIATE ASSISTIVE TECHNOLOGY FOR COGNITION OPTION	360
11.4.B.2 SUGGESTIONS FOR TRAINING THE USE OF ASSISTIVE TECHNOLOGY FOR COGNITION	362
11.4.B.3 WHERE TO FIND AVAILABLE APPLICATIONS	364
11.5 Treatment Plan and Goal Writing	365
11.5.A Executive Dysfunction	367
11.5.B Memory	369
11.5.C Attention	372

11.5.D Visuospatial and Praxic Impairments	373
11.5.D.1 HEMISPATIAL NEGLECT	373
11.5.D.2 TRAINING IN VISUAL ORGANIZATION	374
11.5.D.3 APRAXIA TRAINING.....	375
11.5.E Social Communication.....	375
11.6 Sample Template of Monthly Goals.....	376
11.6.A General Structure of a Treatment Plan	376
11.7 Downloadable Record Forms.....	381
11.8 Instructor Resources	381
Glossary.....	385
References.....	403
Index	437