| **Study**  **Target Population** | **Intervention Arm** | **Intervention Description and Implementation** |
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| **Bell, 200513**  **Moderate to Severe TBI** | **Telephone Counseling**  **Theory/Model:**  Modeled after validated telephone interventions in chronic care, smoking cessation, depression  **Program Type:**  Post-rehabilitation telephone contact  **Setting:** Patient home  **Delivery:** Scheduled phone calls with individualized mail supplements | **Description:** Scheduled phone calls made “research care manager to randomly allocated post-rehabilitation discharge patients. Calls were comprised of 3 basic elements: Follow-up of previously stated concerns, patient or family member stated current concerns, research care manager determined level of intervention in response to patient’s concern.  **Coordination:** NR  **Disciplines:** NR  **Components:** Giving information, mentoring, goal-setting, reassurance, modeling problem-solving, referral to community resources, triaging to regional or tertiary center if local resources unavailable  **Therapy hours/week:** 30-45 minutes, weeks 2, 4 and months 2, 3, 5, 7, and 9 post-rehabiltation  **Duration:** 9 months  **Total therapy hours:** NR  **Manualized:** Yes, described in detail in previous publication  **Staff Training:** NR **Fidelity Checks:** NR |
| **Standard Follow-up**  **Theory/Model:** NR  **Program Type:**  Recommendations of the acute rehabilitation team with no compliance checks  **Setting:** Patient home  **Delivery:** N/A | **Description:** Patient given recommendations from acute care team then not contacted until 1 year follow-up  **Coordination:** NR  **Disciplines: primarily** NR  **Components:** NR  **Therapy hours/week:** NR  **Duration:** 1 year  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Cicerone, 2004 11**  **Chronic Moderate to Severe TBI** | **Intensive Cognitive Rehabilitation Program (ICRP)**  **Theory/Model:**  Holistic neuropsychological rehabilitation (Ben-Yishay and Gold 1990)  **Program Type:**  Community-based day treatment program  **Setting:** Suburban postacute brain injury rehabilitation center (US)  **Delivery:** Peer groups progress through program together. | **Description:** ‘Individual and group cognitive remediation with an emphasis on increasing awareness and developing compensations for cognitive deficits, small-group treatment for interpersonal and pragmatic communication skills, individual and/or group psychotherapy, family support, and therapeutic work trials and placement to facilitate educational or vocational readiness.’  **Coordination:** NR  **Disciplines:** NP, VT,; PT, OT if necessary  **Components:** Cognitive group - 6 hrs/wk; individual cognitive remediation - 3 hrs/wk; communication and interpersonal skills group - 3 hrs/wk; applied skills group - 1 hr/wk; additional tailored therapies - variable/wk; therapeutic work trials – 1 day/wk; family involvement.  **Therapy hours/week:** 15 hrs/wk  **Duration:** 16 weeks  **Total therapy hours:** 240 hours.  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Standard Rehabilitation Program (SRP)**  **Theory/Model:** ‘conventional program’  **Program Type:**  Community-based day treatment program  **Setting:** Postacute brain injury rehabilitation center (Suburban US)  **Delivery:** Individuals progress through tailored treatments | **Description:** Treatment content and duration tailored to individual.  **Coordination:** monitored by staff NP throughout course of treatment  **Disciplines: primarily** NP, PT, OT, SLP; could also include RT, VT, E psychologic counseling  **Components:** Tailored, typical patterns NR  **Therapy hours/week:** 15 hrs/ wk initially, adjusted individually to range of 12 to 24 hr/ wk.  **Duration:** 3.9 mo (mean)  **Total therapy hours:** variable  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Cicerone, 20081**  **Chronic Moderate to Severe TBI** | **Intensive Cognitive Rehabilitation Program (ICRP)**  **Theory/Model:**  Berquist 1994; Holistic neuropsychological rehabilitation (Ben-Yishay and Gold 1990)  **Program Type:**  Day treatment program  **Setting:** Suburban postacute brain injury rehabilitation center (US)  **Delivery:** Peer groups progress through program together. | **Description: Integrated treatments for c**ognitive deficits, interpersonal and behavioral difficultings, functional skills within therapeutic environment. Meta-cognition, emotional regulation, compensatory approaches emphasized. Weeks grouped by themes.  **Coordination:**  **Disciplines:** NP, primary therapist  **Components:** Cognitive group - 6 hrs/wk; communication and interpersonal skills group - 3 hrs/wk; life skills group - 2 hr/wk; individual therapy - 3 hrs/wk, individual NP treatment 1 hr/wk.  **Therapy hours/week:** 15 hr/wk  **Duration:** 16 weeks  **Total therapy hours:** 240  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** Yes |
| **Standard Neurorehabilitation Program (STD)**  **Theory/Model:**  Comprehensive , interdisciplinary day treamtment program (Malec 1996  Berquist 1994  **Program Setting/Type:**  Day treatment program  **Setting:** Postacute brain injury rehabilitation center (Suburban US)  **Delivery:** Individuals progress through tailored treatments | **Description:** Individual, discipline-specific therapies targeting specific deficit areas designed to be responsive to stage and rate of recovery after TBI. Restorative strategies.  **Coordination:** Followed by NP.  **Disciplines:** NP**,** Psych,PT, OT, SLP, RT, VT, EC  **Components:** Amounts and combinations of therapies varied. Most participants:individual NP treatment – 1 hr/wk; Participants could receive psychological counseling – 1 hr/wk, RT, VT, or educational counseling – 1 hr/wk; group therapy limited to 3 hrs/wk  **Therapy hours/week:** 15  **Duration:** 16 weeks  **Total therapy hours:** 240.  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** Yes |
| **Greenwood, 19944**  **Severe TBI** | **Case Management**  **Theory/Model:**  Case management model established by authors in previous papers; “assertive” or “clinical” case management elements developed by Holloway for mentally ill  **Program Type:**  Pro-active case management  **Setting:** 4 general hospitals and 2 university teaching hospitals  **Delivery:** Home-based outreach | **Description:** Early (within 7 days of injury) case management program which served as facilitator rather than therapeutic role, recruiting services for patient from a variety of agencies.  **Coordination:** Case manager  **Disciplines:** Physiotherapy, occupational therapy, speech therapy, psychology, social work  **Components:** Determining patient needs and recruiting services based on these needs  **Therapy hours/week:** NR  **Duration:** NR; outcomes reported at 6, 12, and 24 months  **Total therapy hours:** NR  **Manualized:** Yes, described in detail in previous publication  **Staff Training:** NR **Fidelity Checks:** NR |
| **Control**  **Theory/Model:** NR  **Program Type:**  Standard rehabilitation  **Setting:** 4 general hospitals and 2 university teaching hospitals  **Delivery:** N/A | **Description:** Patient given standard rehabilitation without case management  **Coordination:** NR  **Disciplines:** Physiotherapy, occupational therapy, speech therapy, psychology, social work  **Components:** NR  **Therapy hours/week:** NR  **Duration:** NR, outcomes reported at 6, 12, and 24 months  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |

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| **Hashimoto, 200610**  **Moderate to Severe TBI comprehensive treatment of varying intensities** | **Comprehensive Day Treatment program**  **Theory/Model:** Positivist-behavioral  **Program Type:**  Comprehensive  **Setting:** Rehabilitation hospital  **Delivery:** Group | **Description:** Group sessionsfocusing on enhancing individual’s quality of life by teaching useful and effective behaviors and by redesigning patient’s environment to help achieve goals.  **Coordination:** All staff members  **Disciplines:** Physical, social work, psychology, speech, vocational, “gymnastics,” occupational, welfare  **Components:**  **Therapy hours/week:** 4 sessions/day for total of 4hrs/day for 6 months  **Duration:** 6 months  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Comprehensive Day Treatment program**  **Theory/Model:** Positivist-behavioral  **Program Type:**  Comprehensive  **Setting:** Rehabilitation hospital  **Delivery:** Group | **Description:** Group sessionsfocusing on enhancing individual’s quality of life by teaching useful and effective behaviors and by redesigning patient’s environment to help achieve goals.  **Coordination:** All staff members  **Disciplines:** Physical, social work, psychology, speech, vocational, “gymnastics,” occupational, welfare  **Components:** N/A  **Therapy hours/week:** 4 sessions for total of 2 hrs/day, twice weekly  **Duration:** 4 months  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Comprehensive Day Treatment program**  **Theory/Model:** Positivist-behavioral  **Program Type:** Comprehensive  **Setting:** Rehabilitation hospital  **Delivery:** Group | **Description:** Group sessionsfocusing on enhancing individual’s quality of life by teaching useful and effective behaviors and by redesigning patient’s environment to help achieve goals.  **Coordination:** All staff members  **Disciplines:** Physical, social work, psychology, speech, vocational, “gymnastics,” occupational, welfare  **Components:** Giving information, mentoring, goal-setting, reassurance, modeling problem-solving, referral to community resources, triaging to regional or tertiary center if local resources unavailable  **Therapy hours/week:** 4 sessions for total of 2 hrs/day, twice weekly  **Duration:** 3 months  **Total therapy hours:** NR  **Manualized:** NR **Staff Training:** NR **Fidelity Checks:** NR |
| **Comprehensive Day Treatment program**  **Theory/Model:** Positivist-behavioral  **Program Type:** Comprehensive  **Setting:** Rehabilitation hospital  **Delivery:** Group | **Description:** Group sessionsfocusing on enhancing individual’s quality of life by teaching useful and effective behaviors and by redesigning patient’s environment to help achieve goals.  **Coordination:** All staff members  **Disciplines:** Physical, social work, psychology, speech, vocational, “gymnastics,” occupational, welfare  **Components:** N/A  **Therapy hours/week:** 4 sessions for total of 2 hrs/day, twice weekly  **Duration:** 4 months  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Ponsford, 20065**  **Postacute moderate to severe TBI** | **Community-based therapy programme (CT)**  **Theory/Model:** NR  **Program Type:**  Community-based group therapy  **Setting:** Epworth Rehabilitation Programme (  Australia)  **Delivery:** Tailored to individaul | **Description:** Access and conduct therapy in the home, workplace or community setting with active involvement of TBI individual, relatives and other s.  **Coordination:** NR  **Disciplines:** several disciplines; referrals made to local services; a significan number of patient do attend regular physiotherapy sessions at the rehabilitation center..  **Components:** Identification of important roles, goal setting, assessment of strengths and weaknesses, impairments and disabilities to be overcome to achieve goals. Therapies delivered in relevant setting.  **Therapy hours/week:** NR, but most patients seen by a given therapist once a week or less  **Duration:** NR  **Total therapy hours:** NR.  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Hospital-based outpatient rehabilitation** (historical)  **Theory/Model:** NR  **Program Type:**  Hospital-based outpatient  **Setting:** Epworth Rehabilitation Programme (Australia)  **Delivery:** Tailored to individual | **Description:** Group social communication skills training to improve pragmatic language skills, social behaviors and cognitive abilities**.**  **Coordination:** NR  **Disciplines:** NR  **Components:** domain specific therapies and group sessions, visits to home, work, shopping, domestic activities.  **Therapy hours/week:** NR  **Duration:** NR  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Powell, 200214**  **Chronic Severe TBI** | **Outreach**  **Theory/Model:** NR  **Program Type:**  Multidisciplinary Outreach  **Setting:** Homes or community settings –organized through Homerton Hospital (London)  **Delivery:** Tailored to individual | **Description:** a goal planning framework for delivering rehabilitation through individualized retraining delivered through community –based services.  **Coordination:** led by a clinical NP  **Disciplines:** OT, PT, S:P, psych, SW  **Components::** Individual sessions, 2/week  **Therapy hours/week:** 2-6 hours/week  **Duration:** 6-12 weeks for goal setting/assessment; After initial assessment period, individuals seen for 27.3(sd=19.1) weeks for treatment  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Information**  **Theory/Model:** NR  **Program Type:**  Information  **Setting:** Home - organized through Homerton Hospital (London)  **Delivery:** Home visit & Standard booklet | **Description:** One home visit by therapist who gave patient specially collated booklet listing resources and highlighting those relevant to patient’s needs.  **Coordination:** NR  **Disciplines:** team therapist  **Components:** Individual session, education  **Therapy hours/week:** 0  **Duration:** 1 visit  **Total therapy hours:** 1  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Prigatano, 19849**  **Chronic Severe Closed Head Injury Patients** | **Neuropsychological Rehabilitation Program (NRP)**  **Theory/Model:** Milieu based programs (Ben-Yishay 1982, Rosenbaum et al., 1978)  **Program Type:**  Hospital-based outpatient  **Setting:** Presbyterian Hospital (Oklahoma City, US)  **Delivery:** Peer groups progress through treatments | **Description:** Intensive, coordinated treatment emphasizing awareness and acceptance of impairments; cognitive retraining of select residual deficits and the development of compensatory skills.  **Coordination:** NR  **Disciplines:** NP, SLP, OT, PT, psychologist  **Components:** Small group and individual sessions  **Therapy hours/week:** 24  **Duration:** 6 mo.  **Total therapy hours:** 576  **Manualized:** Yes  **Staff Training:** NR **Fidelity Checks:** NR |
| **Untreated** |  |
| **Prigatano, 19947**  **Chronic Moderate to Severe TBI with adequate potential to return to work** | **Neuropsychological Rehabilitation Program (NRP)**  **Theory/Model:** Intensive holistic cognitive rehabilitation/milieu program  **(**Ben-Yishay et al., 1985) Neuropsychological rehabilitation (Ben-Yishay, et al., 1987)  **Program Type:**  Work Re-entry program  **Setting:** Adult Day Hospital for Neurological Rehabilitation, Saint Joseph’s Medical Center (Phoenix, AZ)  **Delivery:** Peer groups progress through treatment | **Description:** A series of interdisciplinary therapies embedded in a milieu program thet emphasizes a holistic approach. Teadching patienst to be part of a small communityencouraging cooperation and responsibility. Simulated natural setting. Individual learns along with othes. TBI patients who underwent a specialty rehabilitation program; after 6-8 weeks of therapy, patients were integrated into 15-20 hours of work per week  **Coordination:** NR  **Disciplines:** PT, OR, SPL, cognitive therapy  **Components:** individual therapies depending upon needs, individual psychotherapy, daily group psychotherapy, ‘simulated’ community interaction, protected work trial.  **Therapy hours/week:** 24  **Duration:** 6 mo.  **Total therapy hours:** approximately 576  **Manualized:** No  **Staff Training:** NR **Fidelity Checks:** NR |
|  | **Untreated (historical)** |  |
| **Rattok, 19928**  **Cognitive remediation** | **Treatment 1 - Balanced**  **Theory/Model:**  Ben-Yishay  **Program Type:**  Balanced  **Setting:** Outpatient rehabilitation center  **Delivery:** Small group | **Description:** Balanced package that included training to alleviate attentional disorders, individualized cognitive remediation, small-group interpersonal communication exercises, therapeutic community activities, and personal counseling functions. Remediative cognitive training included.  **Coordination:** NR  **Disciplines:** NR  **Components:** Individual and small-group counseling  **Therapy hours/week:** 5hr/day, 4 days/week  **Duration:** 20 weeks  **Total therapy hours:** 200  **Manualized:** NR **Staff Training:** NR **Fidelity Checks:** NR |
| **Treatment 2 - Interpersonal**  **Theory/Model:** Ben-Yishay  **Program Type:** Small-group, interpersonal  **Setting:** Outpatient rehabilitation center  **Delivery:** Small group | **Description:**  Training in attention, community activities, and personal counseling; no individualized counseling; emphasis on small-group interpersonal exercises  **Coordination:** NR  **Disciplines:** NR  **Components:** Group work  **Therapy hours/week:** 5hr/day, 4 days/week  **Duration:** 20 weeks  **Total therapy hours:** 200  **Manualized:** NR **Staff Training:** NR **Fidelity Checks:** NR |
| **Salazar, 20003**  Moderate to Severe Closed head injury among active duty military personnel | **Inpatient Cognitive Rehabilitation**  **Theory/Model:** Milieu-oriented approach modified to fit military framework (Prigatano 1994 Prigatano 1989); intergrated work therapy (Ben-Yishay 1987, Burke 1988)  **Setting:** minimum care hospital ward, Walter Reed Army Medical Center (Washington, DC)  **Delivery:** Peer groups progress through treatmen | **Description:** In a military milieu, physical fitness training and group and individual cognitive, speech, occupational, and coping skills therapies conducted with integrated work therapy coordinated to simulate patient’s previous work or military specialty  **Coordination:** Physiatrist  **Disciplines:** Neuropsychology, occupational therapy, speech pathology, physical therapy, neurological and psychiatric consultation  **Components:** Group and individual  **Therapy hours/week:** NR  **Duration:** 6 wks.  **Total therapy hours:** NR  **Manualized:** Yes  **Staff Training:** NR **Fidelity Checks:** Intermittent reviews and continuing education |
| **Home rehabilitation**  **Theory/Model:** NR  **Program Type:** Home-based postacute rehabilitation  **Setting:** Home  **Delivery:** Visits and phone calls from psychiatric nurse. | **Description:** Patients received TBI education and individual counseling from a psychiatric nurse and were given educational materials and recommended strategies for enhancing cognitive and organizational skills. included  **Disciplines:** psychiatric nurse  **Components: Trained to in various home number and** card games; encouragement to read and watch news programs, resumed daily physical exercise at their own pace.  **Therapy hours/week:** .5 h/wk  **Duration weeds:** 8 weeks  **Total therapy hours:** NR  **Manualized:** Yes **Staff Training:** NR **Fidelity Checks:** NR |
| **Sarajuuri, 20056**  **Chronic Moderate to Severe TBI** | **INSURE Program**  **Theory/Model:** Neuropsychologic rehabilitation and psychotherapy (Ben-Yishay 1987 ; Ben-Yishay 1985 Christensen 1992, Prigatano 1986)  **Program Type:** Residential Neuropsychologic rehabilitation  **Setting:** Kapyla Rehabilitation Centre (Helsinki, Finland)  **Delivery:** Peer groups progress through treatment | **Description:** Postacute, interdisciplinary, 6-week, inpatient neuropsychologic rehabilitation and psychotherapy. Therapeutic alliance is emphasized. Compensatory techniques,  **Coordination:** NR  **Disciplines:** NP, neurologist, rehabilitation nurse, SW, SPL, OT, PT  **Components:** Cognitive group – 2 session/wk, pragmatic group – 1 session/wk, pictures of self group – 1 session/ wk, quality of life group – 1 session/ wk, sport, relaxation, and jogging group – 1 session/ wk; 2-day seminar with participation from family, employers, public health professionals to plan remaining 2 wks of program; supported and individually tailored vocational interventions.  **Therapy hours/week:**  37.5  **Duration weeks:** 6 weeks  **Total therapy hours:** 225  **Manualized:** Yes  **Staff Training:** NR **Fidelity Checks:** NR |
| **Conventional Rehabilitation**  **Theory/Model:** NR  **Program Type:** As referred by physician  **Setting:** Recruited from Department of Neurosurgery, Helsinki University Central Hospital, Level 1 Trauma Center  **Delivery:** As referred by physician | **Description:** Conventional clinical care and rehabilitation in local healthcare system. Rehabilitation services individually tailored and delivered in an unstructured and nonsystematic way.  **Coordination:** NR  **Disciplines:** Such as PR, PR SLP, NP and psychotherapy  **Components:** NR  **Therapy hours/week:** NR  **Duration:** NR  **Program total therapy hours:** NR  **Manualized:** No **Staff Training:** No **Fidelity Checks:** No |
| **Semlyen, 199816**  **Postacute Severe TBI** | **Multidisciplinary rehabilitation**  **Theory/Model:** NR  **Program Type:** Residential Neuropsychologic rehabilitation  **Setting:** Hunters Moor Regional Rehabilitation Centre (Newcastle upon Tyne, UK)  **Delivery:** Coordinated, multidisciplinary rehabilitation delivered individually | **Description:** Coordinated multidisciplinary approach that could include Inpatient, outpatient or home-based services delivered by multidisciplinary team with TBI specialization and coordinated patient goal setting with patient, team, and family members. Weekly review of goals.  **Coordination:** NR  **Disciplines:** nursing, PT, SLP, OT, clinical psychology, rehabilitation medicine, counseling, social work  **Components:** individualized, daily  **Therapy hours/week:** NR  **Duration:** 201.0±144.12 (mean days±SD);  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Single discipline approach**  **Theory/Model:** NR  **Program Type:** variable  **Setting:** settings other than Hunters Moor Regional Rehabilitation Centre (Newcastle upon Tyne, UK)  **Delivery:** variable, but independatn for each Individual | **Description**: Less coordinated, single discipline approaches including inpatient and outpatient rehabilitation and could be only physiotherapy delivered for 1 hour once a week or several therapies providing input several times a week.  **Coordination:** NR  **Disciplines:** NR  **Components**: variable  **Total therapy hours/week:** NR  **Program Duration:** 111.80±175.17 (mean days±SD)  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |
| **Thomas, 200415**  **Adjustment to Acquired Brain Injury** | **Potential Unlimited Program (PUP)**  **Theory/Model:**  Simpson, 1996; Understanding, Re-integrating identity, acceptance, restructuring  **Program Type:**  Outward Bound  **Setting:** Community, Outward Bound course (Australia), patient home  **Delivery:** Mixed | **Description:** Three stage program consisting of 1)Group fundraising, 2)9-day Outward Bound “Discovery” course adapted to accommodate patients’ needs, 3)Follow-up group work to transfer insights from program to key areas of psychosocial functioning  **Coordination:** NR  **Disciplines:** NR  **Components:** Goal setting, group work, physical activities  **Therapy hours/week:** Stage 1 = NR, Stage 2= 9 days, Stage 3 = 2 hours every other week for 3-4 months  **Duration:** NR  **Total therapy hours:** NR  **Manualized:** Outward Bound portion (Stage 2) **Staff Training:** NR **Fidelity Checks:** NR |
| **Control**  **Theory/Model:** NR  **Program Type:**  NR  **Setting:** NR  **Delivery:** N/A | **Description:** Matched patients who had expressed initial interest in the PUP but were unable to participate  **Coordination:** NR  **Disciplines:** NR  **Components:** NR  **Therapy hours/week:** NR  **Duration:** Assessments taken at same time points as PUP group  **Total therapy hours:** NR  **Manualized:** NR  **Staff Training:** NR **Fidelity Checks:** NR |

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| **Vanderploeg, 20082**  **Postacute Moderate to Severe TBI in veterans or active duty military personnel**  ] | **Cognitive didactic treatments inpatient TBI rehabilitation**  **Theory/Model: Cognitive-didactic treatments** (Sohlberg & Mateer 1986, 1989, 2001)  **Program Type:** Residential postacute rehabilitation center  **Setting:** Four VA inpatient postacute rehabilitation centers  **Delivery:** Individual in person | **Description:** Emphasized explicit learning in an environment permitting and encouraging errors to assist clients to develop cognitive self-awareness. Targeting specific cognitive processes. Targeted 4 cognitive domains (attention, memory, executive function, and pragmatic communication) using trial-and-error learning approach to address patient self-awareness. Directly rehabilitating the cognitive deficits that underlie most functional TBI deficits to result in a generalized functional improvement.  **Coordination:** Physiatrist  **Disciplines:** Rehabilitation nurses, PT, PR, rehabilitation counseling, patient and family education, psychologic or SW support services,Occupational therapy, physical therapy, speech/cognitive/language therapy, neuropsychology  **Components:** 7.5-15 hrs/wk cognitive didactic treatment integrated into essential CARF standard of care interdisciplinary rehabilitation. Memory notebooks.  **Therapy hours/week:**  21.5-30 hrs/wk  **Duration:** 32.2(±12.2) days  **Total therapy hours:** NR; continued until clinically judged ready for discharge or 60 days  **Manualized:** No **Staff Training:** Yes **Fidelity Checks:** Yes |
|  | **Functional-experiential treatments within inpatient TBI rehabilitation**  **Theory/Model:** Functional treatment concepts (Giles1993, 1999, 2006; Hartley 1995)  **Program Type:** Residential postacute rehabilitation center  **Setting:** Four VA inpatient acute rehabilitation centers  **Delivery:** Groups in natural settings | **Description:** Real life performance situations and common tasks to remediate or compensate forfucntional deficits Learning-by-doing functional daily activities using an errorless treatment strategy incorporating therapist direction and structure to complete components of gradually more complex tasks; did not entail explicit awareness or learning, but rather emphasized mothor and other forms of implicit learning.  **Coordination:** Physiatrist  **Disciplines:** Occupational therapy, physical therapy, speech/cognitive/language therapy, neuropsychology  **Rehab Goals:** To use real-life performance situations and common tasks to remediate or compensate for functional deficits  **Components:** 7.5-15 hrs/wk functional-experimental treatment integrated into essential CARF standard of care interdisciplinary rehabilitation. Memory notebooks.  **Therapy hours/week:** 21.5-30 hrs/wk  **Duration:** 33.3(±13.6) mean (std dev) days  **Total therapy hours:** NR; continued until clinically judged for discharge or until 60 days  **Manualized:** No **Staff Training:** Yes **Fidelity Checks:** Yes |
| **Willer, 199912**  Postacute severe brain injury with multiple disabilities | **Community-based residential rehabilitation**  **Theory/Model:** Cognitive rehabilitation and community readaptation (Fryer 1987)  **Program Type:** Residential postacute rehabilitation program  **Setting:** homelike residential (Canada)  **Delivery:** Individuals | **Description:** TBI subjects who received postacute, community and residential-based rehabilitation  **Coordination:** NP  **Disciplines: MD, PT, OT, SPL,** paraprofessionals  **Components:** NR  **Therapy hours/week:** NR  **Duration:** ≥ 1 year (up to 3 years)  **Total therapy hours:** NR  **Manualized:** No **Staff Training:** Yes **Fidelity Checks:** No |
|  | **Home-based rehabilitation services**  **Theory/Model:** NA  **Program Type:** varies  **Setting:** Home and outpatient sevices  **Delivery:** Individuals | **Description:** A highly variable range of home-based or outpatient services.  **Coordination:** NR  **Disciplines:** occupational and physical therapists, neuropsychology, case management , and  nursing services  **Components:** NR  **Total therapy hours/week:** NR  **Program Duration:** ≥ 1 year (up to 3)  **Total therapy hours:** NR  **Manualized:** No **Staff Training:** Yes **Fidelity Checks:** No |