DATA DICTIONARY: RETROSPECTIVE CHART REVIEW OF CONCUSSED ATHLETES

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable Category/Measure Name | Subtest | Variable Name | Variable Label | Description/Purpose | Data Type | Possible Values |
|  |  | ID number | ID | Participant ID number | nominal | 01-200 |
| Neuropsychological Evaluation Summary | (FORM 1) |  |  |  |  |  |
| Demographic |  | Test Date | NP\_test\_date | Date of initial NP testing | Date | 1/1/08 – 5/31/13 |
|  |  | Sex | Sex | Identification of sex | nominal | 1=Male  2=Female  3=other |
|  |  | Age | Age | Age at time of testing | Ratio | 8-25 yrs (recorded in months) |
|  |  | Education Level | Education | Grade in school at time of testing | Ordinal | 2=2nd; 3=3rd; 4=4th; 5=5th; 6=6th; 7=7th; 8=8th; 9=9th; 10=10th; 11=11th’ 12=12th; 13=freshman  14=sophomore  15=junior  16=senior  17=graduate program |
|  |  | Provider | Provider | Neuropsychologist conducting tests, interpreting test score, clinical interview | nominal | 1=Dr. Shunk  2=Dr. Thompson |
| Health and Behavior Assessment (HBA) | (FORM 2) |  |  |  |  |  |
| Page1 | ICD-9 | Diagnostic Impression | HBA\_ICD9 |  |  |  |
| Doctor Reported Presenting Conditions | Physical Symptoms (PS) | Headaches | HBA\_PS\_headache |  | nominal | 0=no  1=yes |
|  |  | Dizziness | HBA\_PS\_diz |  |  | 0=no  1=yes |
|  |  | Nausea | HBA\_PS\_nausea |  |  | 0=no  1=yes |
|  |  | Difficulty with vision | HBA\_PS\_DiffVis |  |  | 0=no  1=yes |
|  |  | Sensitivity to light | HBA\_PS\_SenLight |  |  | 0=no  1=yes |
|  |  | Sensitivity to noise | HBA\_PS\_SenNoise |  |  | 0=no  1=yes |
|  |  | Equilibrium (balance) problems | HBA\_PS\_equilib |  |  | 0=no  1=yes |
|  |  | Confusion | HBA\_PS\_confusion |  |  | 0=no  1=yes |
|  |  | Fatigue | HBA\_PS\_fatigue |  |  | 0=no  1=yes |
|  |  | Difficulty falling asleep | HBA\_PS\_FallAsleep |  |  | 0=no  1=yes |
|  |  | Difficulty staying asleep | HBA\_PS\_StayAsleep |  |  | 0=no  1=yes |
|  | Cognitive Symptoms  (CS) | Memory difficulties | HBA\_CS\_MemDiff |  |  | 0=no  1=yes |
|  |  | Attention & Concentration | HBA\_CS\_AttConc |  |  | 0=no  1=yes |
|  |  | Difficulty getting words out | HBA\_CS\_words |  |  | 0=no  1=yes |
|  |  | Processing speed | HBA\_CS\_ProSpeed |  |  | 0=no  1=yes |
|  | Emotional/  Behavioral Symptoms (ES) | Depression | HBA\_ES\_dep |  |  | 0=no  1=yes |
|  |  | Irritability | HBA\_ES\_irritable |  |  | 0=no  1=yes |
|  |  | Sadness | HBA\_ES\_sad |  |  | 0=no  1=yes |
|  |  | Feeling more emotional | HBA\_ES\_emotional |  |  | 0=no  1=yes |
|  |  | Anxiety | HBA\_ES\_anx |  |  | 0=no  1=yes |
|  |  | Worrying or nervousness | HBA\_ES\_worry |  |  | 0=no  1=yes |
|  |  | Difficulty controlling emotions | HBA\_ES\_ContolEmot |  |  | 0=no  1=yes |
|  |  | Impulsivity | HBA\_ES\_impulsivity |  |  | 0=no  1=yes |
|  |  | Previous concussion (self-report) | Prev\_concussion | Number of previous concussions (prior to current concussion) | Ratio | 0-20 |
|  |  | Headaches |  |  |  | 0=no  1=yes |
|  |  |  |  |  |  |  |
| HBA Page 2 | Previous diagnoses (PD) | Attention Deficit Disorder (ADHD) | HBA\_PD\_ADHD |  |  | 0=no  1=yes |
|  |  | Depression | HBA\_PD\_dep |  |  | 0=no  1=yes |
|  |  | Anxiety | HBA\_PD\_anx |  |  | 0=no  1=yes |
|  |  | Bipolar disorder | HBA\_PD\_bipolar |  |  | 0=no  1=yes |
|  | Previous Treatment (PT) | Inpatient | HBA\_PT\_inpatient |  |  |  |
|  |  | Outpatient individual therapy | HBA\_PT\_outpatient |  |  |  |
|  |  | Group | HBA\_PT\_group |  |  |  |
|  |  | Family | HBA\_PT\_family |  |  |  |
|  | Risk of Harm (RH) | Harm to self | HBA\_RH\_HarmSelf |  |  | 0=none  1=minimal  2=significant |
|  |  | Harm to other | HBA\_RH\_HarmOther |  |  | 0=none  1=minimal  2=significant |
|  | Biological Family History (BFH) |  |  |  |  |  |
|  |  | Attention Deficit Disorder (ADHD) | HBA\_BFH\_ADHD |  |  | 0=no  1=yes |
|  |  | Depression | HBA\_BFH\_dep |  |  | 0=no  1=yes |
|  |  | Anxiety | HBA\_BFH\_anx |  |  | 0=no  1=yes |
|  |  | Bipolar disorder | HBA\_BFH\_bipolar |  |  | 0=no  1=yes |
|  |  | Headache | HBA\_BFH\_headache |  |  | 0=no  1=yes |
|  |  | Recent Psychosocial Stressors (NP impression of something major) | HBA\_Psysoc\_stress | Recent/current Psychosocial Stressors | nominal | 0=no  1=yes |
|  |  | GPA | HBA\_GPA |  |  | 1 = 3.5-4.0  2= 3.0-3.49  3 = 2.5-2.99  4= 2.0-2.49  5= 1.5-1.99  6= 1.0-1.49  7= 0.5 - 0.99  8= 0.0- 0.49 |
|  |  | Current Grades | HBA\_CurrentGrade |  |  | 1=below average  2=average  3=above average |
|  |  | GPA | HBA\_GPA |  |  | 1 = 3.5-4.0  2= 3.0-3.49  3 = 2.5-2.99  4= 2.0-2.49  5= 1.5-1.99  6= 1.0-1.49  7= 0.5 - 0.99  8= 0.0- 0.49 |
|  |  | Special education services/504 plan | HBA\_Special\_Ed | History or current use of special education classes | nominal | 0=no  1=yes  2=yes 504  3=yes IEP |
|  |  | Academic Retention | HBA\_AcadRet |  |  | 0=no  1=yes |
|  |  | Current living environment |  |  |  |  |
|  |  | History of social difficulties | HBA\_SocDiff |  |  | 0=no  1=yes |
|  |  | History of substance abuse | HBA\_SubAbuse |  |  | 0=no  1=tobacco  2=alcohol  3=marijuana  4=other |
|  |  | Work/occupational history |  |  |  |  |
|  |  |  |  |  |  |  |
| HBA Page 3 | Diagnostic Interview/ Current Symptoms (DI) |  |  |  |  |  |
|  | Sleep (SL) | Hours of sleep per night | HBA\_DI\_\_SL\_HrsSleep |  |  | Possible range:  0-18 |
|  |  | Problems getting to sleep | HBA\_DI\_SL\_ProbSleep |  |  |  |
|  |  | Waking up | HBA\_DI\_SL \_wakeup |  |  |  |
|  |  | Tired/ restless during day | HBA\_DI\_SL \_tired |  |  |  |
|  | Appetite (AP) | Recent weight loss | HBA\_DI\_\_AP\_WghtLoss |  |  |  |
|  |  | Recent weight gain | HBA\_DI\_AP\_WeightGain |  |  |  |
| Diagnostic Interview/Current Symptoms | Depression (D) | Sadness | HBA\_DI\_D\_sad |  |  | 0=no  1=yes |
|  |  | Depressed mood | HBA\_DI\_D\_DepMood |  |  | 0=no  1=yes |
|  |  | Irritability | HBA\_DI\_D\_irritable |  |  | 0=no  1=yes |
|  |  | Anhedonia | HBA\_DI\_D\_anhedonia |  |  | 0=no  1=yes |
|  |  | Guilt or Worthlessness | HBA\_DI\_D\_guilt |  |  | 0=no  1=yes |
|  |  | Psychomotor agitation | HBA\_DI\_D\_psycomotor |  |  | 0=no  1=yes |
|  |  | Thoughts of death | HBA\_DI\_D\_death |  |  | 0=no  1=yes |
|  |  | Social isolation | HBA\_DI\_D\_SocIso |  |  | 0=no  1=yes |
|  |  | Tearfulness | HBA\_DI\_D\_tear |  |  | 0=no  1=yes |
|  |  | Decreased energy | HBA\_DI\_D\_DecEnergy |  |  | 0=no  1=yes |
|  |  | Hopelessness | HBA\_DI\_D\_hopeless |  |  | 0=no  1=yes |
|  |  | Mood lability | HBA\_DI\_D\_labiity |  |  | 0=no  1=yes |
|  | Anxiety (A) | Excessive worry | HBA\_DI\_A\_ExcWorry |  |  | 0=no  1=yes |
|  |  | Nervousness | HBA\_DI\_A\_nervous |  |  | 0=no  1=yes |
|  |  | Easily fatigued | HBA\_DI\_A\_EasyFatigue |  |  | 0=no  1=yes |
|  |  | Difficult to control worries | HBA\_DI\_A\_ConWorry |  |  | 0=no  1=yes |
|  |  | Recurrent thoughts | HBA\_DI\_A\_recurrent |  |  | 0=no  1=yes |
|  |  | Restlessness | HBA\_DI\_A\_restless |  |  | 0=no  1=yes |
|  |  | Expectations, preoccupation | HBA\_DI\_A\_expectations |  |  | 0=no  1=yes |
|  |  | Abnormal fears | HBA\_DI\_A\_fears |  |  | 0=no  1=yes |
|  |  | Panic attacks | HBA\_DI\_A\_panic |  |  | 0=no  1=yes |
|  |  | Manic phase | HBA\_DI\_A\_manic |  |  | 0=no  1=yes |
|  |  | Perfectionism | HBA\_DI\_A\_perfect |  |  | 0=no  1=yes |
|  | ADHD (Pred I) | Inattention | HBA\_DI\_ADHD\_inattent |  |  | 0=no  1=yes |
|  |  | “Mind wanders” | HBA\_DI\_ADHD\_mind |  |  | 0=no  1=yes |
|  |  | “Spaces out”-Listening | HBA\_DI\_ADHD \_space |  |  | 0=no  1=yes |
|  |  | Forgetful | HBA\_DI\_ADHD \_forget |  |  | 0=no  1=yes |
|  |  | Organization | HBA\_DI\_ADHD\_organiz |  |  | 0=no  1=yes |
|  |  | Lose/misplace | HBA\_DI\_ADHD \_lose |  |  | 0=no  1=yes |
|  |  | Easily distracted | HBA\_DI\_ADHD \_distract |  |  | 0=no  1=yes |
|  |  | Procrastination | HBA\_DI\_ADHD\_procras |  |  | 0=no  1=yes |
|  | ADHD (Pred H/I) | On the go | HBA\_DI\_ADHD\_OnGo |  |  | 0=no  1=yes |
|  |  | Fidgety | HBA\_DI\_ADHD \_fidget |  |  | 0=no  1=yes |
|  |  | Difficult to stand still | HBA\_DI\_ADHD \_stand |  |  | 0=no  1=yes |
|  |  | Doing things quietly | HBA\_DI\_ADHD \_quiet |  |  | 0=no  1=yes |
|  |  | Talk too much | HBA\_DI\_ADHD \_talk |  |  | 0=no  1=yes |
|  |  | Impulsivity | HBA\_DI\_ADHD \_impulse |  |  | 0=no  1=yes |
|  |  | Wait turn | HBA\_DI\_ADHD \_wait |  |  | 0=no  1=yes |
|  | Clinical Symptoms (CS) | Concentration problems | HBA\_CS\_ConProb |  |  | 0=no  1=yes |
|  |  | Anger Expression/  repression | HBA\_CS\_anger |  |  | 0=no  1=yes |
|  |  | Self-injurious behavior | HBA\_CS\_SelfInjury |  |  | 0=no  1=yes |
|  |  | Memory problems | HBA\_CS\_MemProb |  |  | 0=no  1=yes |
|  |  | Fatigue/feel tired | HBA\_CS\_fatigue |  |  | 0=no  1=yes |
|  |  | Hallucinations | HBA\_CS\_hallucinations |  |  | 0=no  1=yes |
|  |  | Substance abuse/ addiction | HBA\_CS\_addiction |  |  | 0=no  1=yes |
|  |  | Somatic complaints | HBA\_CS\_somatic |  |  | 0=no  1=yes |
|  |  | Chronic pain | HBA\_CS\_ChronicPain |  |  | 0=no  1=yes |
|  |  | Sexual function (neg. change) | HBA\_CS\_SexFxn |  |  | 0=no  1=yes |
|  |  | Grief | HBA\_CS\_grief |  |  | 0=no  1=yes |
|  |  | History of abuse | HBA\_CS\_abuse |  |  | 0=no  1=yes |
|  |  | Other | HBA\_CS\_other |  |  | 0=no  1=yes |
|  | Sport Performance Issues (SP) | Concentration problems | HBA\_SP\_ConProb |  |  | 0=no  1=yes |
|  |  | Panic attacks | HBA\_SP\_PanicAttack |  |  | 0=no  1=yes |
|  |  | Low self confidence | HBA\_SP\_LowSelfConf |  |  | 0=no  1=yes |
|  |  | Lack of motivation | HBA\_SP\_motivation |  |  | 0=no  1=yes |
|  |  | Performance fears | HBA\_SP\_PerformFear |  |  | 0=no  1=yes |
|  |  | Low self-esteem | HBA\_SP\_lowSE |  |  | 0=no  1=yes |
|  |  | Goal setting | HBA\_SP\_GoalSet |  |  | 0=no  1=yes |
|  |  | Energy management | HBA\_SP\_EnergyMang |  |  | 0=no  1=yes |
|  |  | Negative self-talk | HBA\_SP\_NegSelfTalk |  |  | 0=no  1=yes |
|  |  | Nervousness | HBA\_SP\_nervous |  |  | 0=no  1=yes |
|  |  | Lack structured mental routine | HBA\_SP\_LackMental |  |  | 0=no  1=yes |
|  |  | Poor performance under pressure | HBA\_SP\_PerformPress |  |  | 0=no  1=yes |
| HBA Page 4 | Mental Status Exam (MS) |  |  |  |  |  |
|  | Appearance (A) | Unremarkable | HBA\_MS\_A\_unrem |  |  | 0=no  1=yes |
|  |  | Older than stated age | HBA\_MS\_A\_old |  |  | 0=no  1=yes |
|  |  | Younger than stated age | HBA\_MS\_A\_young |  |  | 0=no  1=yes |
|  |  | Poor hygiene | HBA\_MS\_A\_hygiene |  |  | 0=no  1=yes |
|  |  | Uncooperative | HBA\_MS\_A\_uncoop |  |  | 0=no  1=yes |
|  |  | Belligerent | HBA\_MS\_A\_belligerent |  |  | 0=no  1=yes |
|  |  | Apathetic | HBA\_MS\_A\_apathetic |  |  | 0=no  1=yes |
|  |  | Restless | HBA\_MS\_A\_restless |  |  | 0=no  1=yes |
|  |  | Agitated | HBA\_MS\_A\_agitated |  |  | 0=no  1=yes |
|  |  | Withdrawn | HBA\_MS\_A\_withdrawn |  |  | 0=no  1=yes |
|  |  | Impulsive | HBA\_MS\_A\_impulse |  |  | 0=no  1=yes |
|  |  | Pacing | HBA\_MS\_A\_pacing |  |  | 0=no  1=yes |
|  |  | Distracted | HBA\_MS\_A\_distract |  |  | 0=no  1=yes |
|  |  | Psychomotor retardation | HBA\_MS\_A\_PsymotRet |  |  | 0=no  1=yes |
|  | Speech (S) | Unremarkable | HBA\_MS\_S\_unrem |  |  | 0=no  1=yes |
|  |  | Abnormal rate | HBA\_MS\_S\_AbRate |  |  | 0=no  1=yes |
|  |  | Abnormal volume | HBA\_MS\_S\_AbVolume |  |  | 0=no  1=yes |
|  |  | Incoherent | HBA\_MS\_S\_incoh |  |  | 0=no  1=yes |
|  |  | Stutter or slurred | HBA\_MS\_S\_stutter |  |  | 0=no  1=yes |
|  |  | Receptive language abnormal | HBA\_MS\_S\_ReceptLang |  |  | 0=no  1=yes |
|  |  | Expressive language abnormal | HBA\_MS\_S\_ExpressLan |  |  | 0=no  1=yes |
|  | Mood (M) | Unremarkable | HBA\_MS\_M\_unrem |  |  | 0=no  1=yes |
|  |  | Anxious | HBA\_MS\_M\_anx |  |  | 0=no  1=yes |
|  |  | Depressed | HBA\_MS\_M\_dep |  |  | 0=no  1=yes |
|  |  | Angry | HBA\_MS\_M\_angry |  |  | 0=no  1=yes |
|  |  | Euphoric | HBA\_MS\_M\_euphoric |  |  | 0=no  1=yes |
|  |  | Hypomania | HBA\_MS\_M\_ hypomania |  |  | 0=no  1=yes |
|  |  | Labile | HBA\_MS\_M\_labile |  |  | 0=no  1=yes |
|  | Affect (A) | Unremarkable | HBA\_MS\_A\_unrem |  |  | 0=no  1=yes |
|  |  | Flat | HBA\_MS\_A\_flat |  |  | 0=no  1=yes |
|  |  | Blunted | HBA\_MS\_A\_blunt |  |  | 0=no  1=yes |
|  |  | Restricted | HBA\_MS\_A\_restrict |  |  | 0=no  1=yes |
|  |  | Tearful | HBA\_MS\_A\_tear |  |  | 0=no  1=yes |
|  | Insight & Judgment (IJ) | Unremarkable | HBA\_MS\_IJ\_unrem |  |  | 0=no  1=yes |
|  |  | Abnormal insight | HBA\_MS\_IJ\_AbInsight |  |  | 0=no  1=yes |
|  |  | Abnormal judgment | HBA\_MS\_IJ\_judge |  |  | 0=no  1=yes |
|  | Thought Processes (TP) | Unremarkable | HBA\_MS\_TP\_unrem |  |  | 0=no  1=yes |
|  |  | Abnormal rate of thoughts | HBA\_MS\_TP\_AbRateTh |  |  | 0=no  1=yes |
|  |  | Illogical | HBA\_MS\_TP\_illogical |  |  | 0=no  1=yes |
|  |  | Tangential | HBA\_MS\_TP\_tangent |  |  | 0=no  1=yes |
|  |  | Loose | HBA\_MS\_TP\_loose |  |  | 0=no  1=yes |
|  |  | Circumstantial | HBA\_MS\_TP\_circum |  |  | 0=no  1=yes |
|  |  | Abstraction | HBA\_MS\_TP\_abstract |  |  | 0=no  1=yes |
|  |  | Abnormal computations | HBA\_MS\_TP\_AbComp |  |  | 0=no  1=yes |
|  | Thought Content (TC) | Unremarkable | HBA\_MS\_TC\_unrem |  |  | 0=no  1=yes |
|  |  | Abnormal thoughts | HBA\_MS\_TP\_AbThght |  |  | 0=no  1=yes |
|  |  | Psychotic thoughts | HBA\_MS\_TP\_PsyThght |  |  | 0=no  1=yes |
|  |  | Illogical | HBA\_MS\_TP\_illogic |  |  | 0=no  1=yes |
|  |  | Tangential | HBA\_MS\_TP\_tang |  |  | 0=no  1=yes |
|  |  | Delusions | HBA\_MS\_TP\_delusion |  |  | 0=no  1=yes |
|  |  | Obsessions | HBA\_MS\_TP\_obsess |  |  | 0=no  1=yes |
|  |  | Compulsions | HBA\_MS\_TP\_compuls |  |  | 0=no  1=yes |
|  |  | Preoccupations | HBA\_MS\_TP\_preocc |  |  | 0=no  1=yes |
|  | Perception (P) | Unremarkable | HBA\_MS\_P\_unrem |  |  | 0=no  1=yes |
|  |  | Homicidal ideation | HBA\_MS\_P\_HomicideId |  |  | 0=no  1=yes |
|  |  | Suicidal ideation | HBA\_MS\_P\_suicid |  |  | 0=no  1=yes |
|  |  | Hallucinations | HBA\_MS\_P\_halluc |  |  | 0=no  1=yes |
|  |  | Illusions | HBA\_MS\_P\_illusion |  |  | 0=no  1=yes |
|  |  | Depersonalization | HBA\_MS\_P\_deperson |  |  | 0=no  1=yes |
|  |  | Derealization | HBA\_MS\_P\_derealiz |  |  | 0=no  1=yes |
|  |  | Abnormal visual senses | HBA\_MS\_P\_AbVisual |  |  | 0=no  1=yes |
|  |  | Abnormal auditory senses | HBA\_MS\_P\_AbAuditory |  |  | 0=no  1=yes |
|  |  | Abnormal tactile senses | HBA\_MS\_P\_AbTactile |  |  | 0=no  1=yes |
|  | Cognitive Abilities (CA) | Unremarkable | HBA\_MS\_CA\_unrem |  |  | 0=no  1=yes |
|  |  | Alert & full orientation | HBA\_MS\_CA\_alert |  |  | 0=no  1=yes |
|  |  | Abnormal orientation to person | HBA\_MS\_CA\_AbPerson |  |  | 0=no  1=yes |
|  |  | Abnormal orientation to place | HBA\_MS\_CA\_AbPlace |  |  | 0=no  1=yes |
|  |  | Abnormal orientation to time | HBA\_MS\_CA\_AbTime |  |  | 0=no  1=yes |
|  |  | Abnormal orientation to situation | HBA\_MS\_CA\_AbSituate |  |  | 0=no  1=yes |
|  |  | Executive dysfunction | HBA\_MS\_CA\_ExDysfxn |  |  | 0=no  1=yes |
|  |  | Abnormal immediate memory | HBA\_MS\_CA\_AImMem |  |  | 0=no  1=yes |
|  |  | Abnormal recent memory | HBA\_MS\_CA\_ARecMem |  |  | 0=no  1=yes |
|  |  | Abnormal remote memory | HBA\_MS\_CA\_ARemMem |  |  | 0=no  1=yes |
|  |  | Abnormal ability to name objects | HBA\_MS\_CA\_AbObject |  |  | 0=no  1=yes |
|  |  | Abnormal attention span | HBA\_MS\_CA\_AbAtSpan |  |  | 0=no  1=yes |
|  |  | Abnormal concentration | HBA\_MS\_CA\_AbConcen |  |  | 0=no  1=yes |
|  |  | Abnormal impulse control | HBA\_MS\_CA\_AbImpCon |  |  | 0=no  1=yes |
|  |  | Auditory processing | HBA\_MS\_CA\_AbAud |  |  | 0=no  1=yes |
|  | Symptom severity (SS) | Symptom severity | HBA\_MS\_SxSeverity |  |  | 1= mild  2= moderate  3= severe |
|  | Diagnostic Impression (DSM codes) | Axis 1 (clinical disorders) | HBA\_DSM\_axis1 |  |  | 0=no  enter DSM code(s) |
|  |  | Axis 2 (personality disorders) | HBA\_DSM\_axis2 |  |  | 0=no  enter DSM code(s |
|  |  | Axis 3 (medical conditions) | HBA\_DSM\_axis3 |  |  | 0=no  enter DSM code(s |
|  |  | Axis 4 (Psychosocial/Environment) | HBA\_DSM\_axis4 |  |  | 0=no  enter DSM code(s |
|  |  | Axis 5 (Global Assessment of Functioning) | HBA\_DSM\_axis5 |  |  | 1=1-10  2=11-20  3=21-30  4=31-40  5=41-50  6=51-60  7=61-70  8=71-80  9=81-90  10=91-100 |
| Developmental and Medical History Form | (Form 3) |  |  |  |  |  |
| DMHF  Page 1 |  | Developmental and medical history form completion | DMHF\_completion |  |  | 1= mother  2= father  3= guardian  4= other |
|  |  | Zip Code | DMHF\_zipcode |  |  |  |
|  |  | Ethnic background | DMHF\_ethnic |  |  |  |
|  |  | Height | DMHF\_height |  |  |  |
|  |  | Weight | DMHF\_weight |  |  |  |
| Patient Medical History (Parent Reported)  DMHF Page 4 (PM) |  | Tests/scanning | DMHF\_PM\_tests |  |  | 0=none  1=CT  2=MRI  3=multiple tests |
|  |  | Vision problems | DMHF\_PM\_VisProb |  |  | 0=no  1=yes |
|  |  | Hearing problems | DMHF\_PM\_HearProb |  |  | 0=no  1=yes |
|  |  | Appetite concerns | DMHF\_PM\_appetite |  |  | 1=normal  2=picky  3=eats too much  4=weight loss/gain |
|  |  | Problems falling asleep | DMHF\_PM\_FallAsleep |  |  | 0=no  1=yes |
| DMHF  Page 5 |  | How many hours does it take for your child to fall asleep | DMHF\_PM\_FallAsleephr |  |  | 0=0-.5 hours  1=.51- 1hour  2=1.01-1.5 hours  3=1.51-2 hours  4= 2.1-3 hours  5=3.01 + hours |
|  |  | Does your child wake up in the middle of the night | DMHF\_PM\_WakeNight |  |  | 0=no  1=yes |
|  |  | How many times per night does your child wake up? | DMHF\_PM\_TimePNight |  |  | 0=none  1=1 time  2=2 times  3=3 times  4=4 times  5=5 times  6=6-10 times  7=10+ times |
|  |  | How many hours does your child currently sleep at night | DMHF\_PM\_HoursSleep |  |  | Range 0-18 |
|  |  | Does your child currently take medication | DMHF\_PM\_MedCurr |  |  | 0=no  1=yes |
|  |  | Psychiatric Medicine | DMHF\_PM\_PsyMedCur | Currently taking psychiatric medication | nominal | 0=no  1=ADHD  2=mood/anxiety  3=pain/Headache  4=other |
|  |  | Did your child previously take medication | DMHF\_PM\_PsyMedPrev |  |  | 0=no  1=ADHD  2=mood/anxiety  3=pain/Headache  4=other |
|  | Previous specific diagnoses (PD) | Learning disability | DMHF\_PM\_PD\_learn |  |  | 0=no  1=yes |
|  |  | Language disorder | DMHF\_PM\_PD\_LanDis |  |  | 0=no  1=yes |
|  |  | Oppositional Defiant Disorder (ODD) | DMHF\_PM\_PD\_ODD |  |  | 0=no  1=yes |
|  |  | Autism/Asperger’s/PDD | DMHF\_PM\_PD\_autism |  |  | 0=no  1=yes |
|  |  | Mental retardation | DMHF\_PM\_PD\_MenRet |  |  | 0=no  1=yes |
|  |  | Developmental delay | DMHF\_PM\_PD\_DevDel |  |  | 0=no  1=yes |
|  |  | Epilepsy | DMHF\_PM\_PD\_epilepsy |  |  | 0=no  1=yes |
|  |  | Tourette’s disorder | DMHF\_PM\_PD\_tourette |  |  | 0=no  1=yes |
|  |  | Fragile X | DMHF\_PM\_PD\_fragX |  |  | 0=no  1=yes |
|  |  | Anxiety Disorder | DMHF\_PM\_PD\_AnxDis |  |  | 0=no  1=yes |
|  |  | Depression | DMHF\_PM\_PD\_dep |  |  | 0=no  1=yes |
|  |  | Bipolar disorder | DMHF\_PM\_PD\_bipolar |  |  | 0=no  1=yes |
|  |  | Schizophrenia | DMHF\_PM\_PD\_schizo |  |  | 0=no  1=yes |
|  |  | Genetic disorder | DMHF\_PM\_PD\_genetic |  |  | 0=no  1=yes |
|  |  | Other | DMHF\_PM\_PD\_other |  |  | 0=no  1=yes |
|  |  | Is your child under the care of another medical specialist | DMHF\_PM\_PD\_special |  |  |  |
|  |  | Is your child under the care of another doctor | DMHF\_PM\_PD\_doctor |  |  |  |
|  | Past Psychological Treatment (PT) | Individual psychotherapy | DMHF\_PM\_PT\_IndPsy |  |  |  |
|  |  | Group psychotherapy | DMHF\_PM\_PT\_group |  |  |  |
|  |  | Parenting classes | DMHF\_PM\_PT\_parent |  |  |  |
|  |  | Residential treatment | DMHF\_PM\_PT\_resid |  |  |  |
|  |  | Concussion | DMHF\_PM\_PT\_concus |  |  | 0=no  1=yes |
|  |  | Unconsciousness | DMHF\_PM\_PT\_uncon |  |  | 0=no  1=yes |
|  |  | Surgeries | DMHF\_PM\_PT\_surgery |  |  | 0=no  1=yes |
| DMHF  Page 6 |  | Hospitalizations | DMHF\_PM\_PT\_hospital |  |  | 0=no  1=yes |
|  |  | Major accidents or injuries | DMHF\_PM\_PT\_accident |  |  | 0=no  1=yes |
|  | EARS (E) | Poor hearing | DMHF\_PM\_E\_hear |  |  | 0=no  1=yes |
|  |  | Chronic earaches/infections | DMHF\_PM\_E\_earache |  |  | 0=no  1=yes |
|  |  | Draining ears | DMHF\_PM\_E\_DrainEar |  |  | 0=no  1=yes |
|  |  | Other ear problem | DMHF\_PM\_E\_OtherEar |  |  | 0=no  1=yes |
|  | EYES (EY) | Poor vision | DMHF\_PM\_EY\_PoorVis |  |  | 0=no  1=yes |
|  |  | Crossed eyes | DMHF\_PM\_EY\_CrossEye |  |  | 0=no  1=yes |
|  |  | Wears glasses | DMHF\_PM\_EY\_glasses |  |  | 0=no  1=yes |
|  |  | Other eye problems | DMHF\_PM\_EY\_OthEye |  |  | 0=no  1=yes |
|  | Endocrine/gland (G) | Thyroid problems | DMHF\_PM\_G\_thyroid |  |  | 0=no  1=yes |
|  |  | Diabetes | DMHF\_PM\_G\_diabetes |  |  | 0=no  1=yes |
|  |  | Hypo/hyperpituitarism | DMHF\_PM\_G\_pituitary |  |  | 0=no  1=yes |
|  |  | Growth problems | DMHF\_PM\_G\_growth |  |  | 0=no  1=yes |
|  |  | Other endocrine problems | DMHF\_PM\_G\_other |  |  | 0=no  1=yes |
|  | Nervous System (N) | Frequent and/or severe headaches | DMHF\_PM\_N\_head |  |  | 0=no  1=yes |
|  |  | Seizures or convulsions | DMHF\_PM\_N\_seizure |  |  | 0=no  1=yes |
|  |  | Tremors or twitches | DMHF\_PM\_N\_tremor |  |  | 0=no  1=yes |
|  |  | Paper and pencil coordination problems | DMHF\_PM\_N\_PaperPen |  |  | 0=no  1=yes |
|  |  | Balance or coordination problems | DMHF\_PM\_N\_balance |  |  | 0=no  1=yes |
|  |  | Other nervous system problems | DMHF\_PM\_N\_OthNerv |  |  | 0=no  1=yes |
|  | Appetite, digestion, stomach problems (A) | Frequent stomach aches | DMHF\_PM\_A\_stomach |  |  | 0=no  1=yes |
|  |  | Poor eating habits | DMHF\_PM\_A\_EatHab |  |  | 0=no  1=yes |
|  |  | Frequent vomiting | DMHF\_PM\_A\_FrqVomit |  |  | 0=no  1=yes |
|  |  | Soiling or daytime accidents | DMHF\_PM\_A\_soiling |  |  | 0=no  1=yes |
|  |  | Constipation | DMHF\_PM\_A\_constipate |  |  | 0=no  1=yes |
|  |  | Problems with weight | DMHF\_PM\_A\_weight |  |  | 0=no  1=yes |
|  | Blood disorders (B) | Anemia | DMHF\_PM\_B\_anemia |  |  | 0=no  1=yes |
|  |  | Excessive bleeding or bruising | DMHF\_PM\_B\_bleeding |  |  | 0=no  1=yes |
|  |  | Leukemia | DMHF\_PM\_B\_leukemia |  |  | 0=no  1=yes |
|  |  | Sickle cell disease | DMHF\_PM\_B\_SickleCell |  |  | 0=no  1=yes |
|  |  | Other blood disorder | DMHF\_PM\_B\_other |  |  | 0=no  1=yes |
|  | Chest or Breathing (c) | Wheezing/asthma | DMHF\_PM\_C\_asthma |  |  | 0=no  1=yes |
|  |  | Other chest or breathing problems | DMHF\_PM\_C\_other |  |  | 0=no  1=yes |
|  |  |  |  |  |  |  |
|  | Other conditions or problems (O) | Ear tubes | DMHF\_PM\_O\_EarTube |  |  | 0=no  1=tubes placed once  2=tubes twice  3=tubes three times  4= four times  5= 5 or more times |
|  |  | Encephalitis | DMHF\_PM\_O\_encephal |  |  | 0=no  1=yes |
|  |  | Meningitis | DMHF\_PM\_O\_meningtis |  |  | 0=no  1=yes |
|  |  | Poisoning or drug intoxication | DMHF\_PM\_O\_poison |  |  | 0=no  1=yes |
|  |  | Coma | DMHF\_PM\_O\_coma |  |  | 0=no  1=yes |
|  |  | Staring spells | DMHF\_PM\_O\_StareSpell |  |  | 0=no  1=yes |
|  |  | Immune system disorders | DMHF\_PM\_O\_immune |  |  | 0=no  1=yes |
|  |  | Other significant illnesses | DMHF\_PM\_O\_OSignIll |  |  | 0=no  1=yes |
|  |  |  |  |  |  |  |
| DMHF  Page 7 | Family Medical History  DMHF  (FMH) | Birth defect | DMHF\_FMH\_BirthDef | Family history of medical conditions |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Genetic disorder | DMHF\_FMH\_GeneticDis |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Cerebral palsy | DMHF\_FMH\_CP |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Severe head injury | DMHF\_ FMH\_HeadInj |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Migraine headaches | DMHF\_ FMH\_migraine |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Multiple sclerosis | DMHF\_ FMH\_MS |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Physical handicap | DMHF\_ FMH\_PhysHand |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Tuberous sclerosis | DMHF\_ FMH\_TubScler |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Huntington’s chorea | DMHF\_ FMH\_Huntingon |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Muscular dystrophy | DMHF\_ FMH\_MD |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Sickle-cell anemia | DMHF\_ FMH\_SCAnemia |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Seizures or epilepsy | DMHF\_FMH\_seizure |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Cancer | DMHF\_FMH\_cancer |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Diabetes | DMHF\_FMH\_diabetes |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Heart disease | DMHF\_FMH\_HD |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Alcohol/drug abuse | DMHF\_FMH\_AlcoholDA |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Physical/sexual abuse | DMHF\_FMH\_PhysAbuse |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Reading problems | DMHF\_FMH\_ReadProb |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Other learning disability | DMHF\_FMH\_LearnDis |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Speech/language delay | DMHF\_FMH\_SpeechDel |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Did not graduate from high school | DMHF\_FMH\_NoGradHS |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Mental retardation | DMHF\_FMH\_MenRetard |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Autism/Asperger’s/PDD | DMHF\_FMH\_austism |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Attention deficit disorder | DMHF\_FMH\_ADHD |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Oppositional/defiant behaviors | DMHF\_FMH\_OppBeh |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Antisocial behavior | DMHF\_FMH\_AntisocBe |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Aggression | DMHF\_FMH\_aggress |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Tics/Tourette’s Disorder | DMHF\_FMH\_tourette |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Nervousness/anxiety | DMHF\_FMH\_anx |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Obsessive-compulsive disorder | DMHF\_FMH\_OCD |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Depression | DMHF\_FMH\_dep |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Bipolar/manic depressive disorder | DMHF\_FMH\_bipolar |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Schizophrenia | DMHF\_FMH\_schizo |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
|  |  | Other | DMHF\_FMH\_other |  |  | 0=none  1= parent  2=sibling  3=extended family  4=multiple family members |
| DMHF  Page 7 | Early Developmental History (ED) | Did not enjoy cuddling | DMHF\_ED\_cuddle |  |  | 0=no  1=yes |
|  |  | Difficult to comfort | DMHF\_ED\_comfort |  |  | 0=no  1=yes |
|  |  | Excessive irritability | DMHF\_ED\_ExIrritable |  |  | 0=no  1=yes |
|  |  | Difficult feeding | DMHF\_ED\_feeding |  |  | 0=no  1=yes |
|  |  | Extremely passive | DMHF\_ED\_passive |  |  | 0=no  1=yes |
|  |  | Temper tantrums | DMHF\_ED\_temper |  |  | 0=no  1=yes |
|  |  | Convulsions | DMHF\_ED\_convulsion |  |  | 0=no  1=yes |
|  |  | Colic | DMHF\_ED\_colic |  |  | 0=no  1=yes |
|  |  | Destructive behavior | DMHF\_ED\_DestructBeh |  |  | 0=no  1=yes |
|  |  | Breathing problems | DMHF\_ED\_breathing |  |  | 0=no  1=yes |
|  |  | Was not calmed by being held or stroked | DMHF\_ED\_CalmHeld |  |  | 0=no  1=yes |
|  |  | Excessive restlessness | DMHF\_ED\_ExRestless |  |  | 0=no  1=yes |
|  |  | Frequent head banging | DMHF\_ED\_HeadBang |  |  | 0=no  1=yes |
|  |  | Sleeping difficulties | DMHF\_ED\_SleepDiff |  |  | 0=no  1=yes |
|  |  | Early learning problems | DMHF\_ED\_LearnProb |  |  | 0=no  1=yes |
|  |  | Withdrawn behavior | DMHF\_ED\_withdrawn |  |  | 0=no  1=yes |
|  |  | Repetitive behavior | DMHF\_ED\_RepeatBeh |  |  | 0=no  1=yes |
|  |  | Poor eye contact | DMHF\_ED\_EyeContact |  |  | 0=no  1=yes |
|  |  | Unable to separate from parent | DMHF\_ED\_separate |  |  | 0=no  1=yes |
|  |  | Failure to thrive/poor weight gain | DMHF\_ED\_FailThrive |  |  | 0=no  1=yes |
|  |  | Was child adaptable, easy to please/discipline as infant/toddler | DMHF\_ED\_adapt |  |  | 0=no  1=yes |
|  |  | As infant/toddler was child interested in social contact | DMHF\_ED\_social |  |  | 0=no  1=yes |
| DMHF  Page10 |  | Did child have early childhood intervention services | DMHF\_ED\_intervention |  |  | 0=no  1=yes |
|  |  | Did child attend preschool | DMHF\_ED\_preschool |  |  | 0=no  1=yes |
|  |  | Was child ever retained | DMHF\_ED\_retained |  |  | 0=no  1=yes |
|  | School (S) | Overall school performance | DMHF\_S\_SchoolPerf |  |  | 1=excellent  2=above average  3=average  4=somewhat of a problem  5=problematic |
|  |  | Reading | DMHF\_S\_read |  |  | 1=excellent  2=above average  3=average  4=somewhat of a problem  5=problematic |
|  |  | Writing | DMHF\_S\_write |  |  | 1=excellent  2=above average  3=average  4=somewhat of a problem  5=problematic |
|  |  | Mathematics | DMHF\_S\_math |  |  | 1=excellent  2=above average  3=average  4=somewhat of a problem  5=problematic |
|  |  | Relationship with teacher | DMHF\_S\_RelTeacher |  |  | 1=excellent  2=above average  3=average  4=somewhat of a problem  5=problematic |
|  |  | Relationship with peers | DMHF\_S\_RelPeer |  |  | 1=excellent  2=above average  3=average  4=somewhat of a problem  5=problematic |
|  |  | Participation in organized activities | DMHF\_S\_organizeact |  |  | 1=excellent  2=above average  3=average  4=somewhat of a problem  5=problematic |
|  |  | Does child have IEP | DMHF\_S\_IEP |  |  | 0=no  1=yes |
|  |  | Does child have 504 plan | DMHF\_S\_504plan |  |  | 0=no  1=yes |
| Page11 | Special Education Categories (SE) | Autism spectrum disorder | DMHF\_SE\_ |  |  | 0=no  1=yes |
|  |  | Deaf-blind | DMHF\_SE\_DeafBlind |  |  | 0=no  1=yes |
|  |  | Emotional disability | DMHF\_SE\_EmotDis |  |  | 0=no  1=yes |
|  |  | Learning disability | DMHF\_SE\_LearnDis |  |  | 0=no  1=yes |
|  |  | Multiple disabilities | DMHF\_SE\_MultDis |  |  | 0=no  1=yes |
|  |  | Other health impairment | DMHF\_SE\_OtherHealth |  |  | 0=no  1=yes |
|  |  | Communication disorder | DMHF\_SE\_CommDis |  |  | 0=no  1=yes |
|  |  | Developmental delay | DMHF\_SE\_DevDelay |  |  | 0=no  1=yes |
|  |  | Hearing impairment | DMHF\_SE\_HearingImp |  |  | 0=no  1=yes |
|  |  | Mental disability | DMHF\_SE\_MentDis |  |  | 0=no  1=yes |
|  |  | Orthopedic impairment | DMHF\_SE\_ortho |  |  | 0=no  1=yes |
|  |  | Traumatic brain injury | DMHF\_SE\_TBI |  |  | 0=no  1=yes |
|  |  | Other | DMHF\_SE\_other |  |  | 0=no  1=yes |
|  |  | Did school do testing | DMHF\_SE\_SchoolTest |  |  | 0=no  1=yes |
|  |  | Present class placement | DMHF\_SE\_PresentClass |  |  | 1=regular class  2=bilingual/ESL  3=special class  4=gifted and talented |
|  | Instructional modifications (IM) | Oral tests | DMHF\_IM\_OralTests |  |  | 0=no  1=yes |
|  |  | Additional instructions | DMHF\_IM\_AddInstruct |  |  | 0=no  1=yes |
|  |  | Manipulatives in math | DMHF\_IM\_ManipMath |  |  | 0=no  1=yes |
|  |  | Preferential seating | DMHF\_IM\_PrefSeating |  |  | 0=no  1=yes |
|  |  | Extended time to complete assignments | DMHF\_IM\_ExtendTime |  |  | 0=no  1=yes |
|  |  | Shortened or modified assignments | DMHF\_IM\_ShortAssign |  |  | 0=no  1=yes |
|  |  | Study sheets | DMHF\_IM\_StudySheet |  |  | 0=no  1=yes |
|  |  | Control of distractions | DMHF\_IM\_distraction |  |  | 0=no  1=yes |
|  |  | Behavior modification program | DMHF\_IM\_BehMod |  |  | 0=no  1=yes |
|  |  | Technological assistance | DMHF\_IM\_TechAssist |  |  | 0=no  1=yes |
|  |  | Peer teaching | DMHF\_IM\_PeerTeach |  |  | 0=no  1=yes |
|  |  | Reduced paper & pencil work | DMHF\_IM\_ReduceWork |  |  | 0=no  1=yes |
|  |  | Repeated review | DMHF\_IM\_RepReview |  |  | 0=no  1=yes |
|  |  | Study carrel | DMHF\_IM\_StudyCarrel |  |  | 0=no  1=yes |
|  |  | Outlines | DMHF\_IM\_outline |  |  | 0=no  1=yes |
|  |  | Positive reinforcers | DMHF\_IM\_PosReinforce |  |  | 0=no  1=yes |
|  |  | Behavior check cards/charts | DMHF\_IM\_BehChart |  |  | 0=no  1=yes |
|  |  | Predictable routines & classroom rules | DMHF\_IM\_PredRoutine |  |  | 0=no  1=yes |
|  |  | Increased positive feedback | DMHF\_IM\_IncPosFeed |  |  | 0=no  1=yes |
|  |  | Other | DMHF\_IM\_other |  |  | 0=no  1=yes |
|  | Family History (FH) | Child adopted? | DMHF\_FH\_adopted |  |  | 0=no  1=yes |
|  |  | Mothers education level | DMHF\_FH\_MomEdu |  |  |  |
|  |  | Fathers education level | DMHF\_FH\_DadEdu |  |  |  |
|  |  | Guardian’s education | DMHF\_FH\_GuardEdu |  |  |  |
|  |  | Are parents separated/divorced | DMHF\_FH\_divorce |  |  | 0=no  1=yes |
| DMHF Page 13 |  | How many close friends does child have | DMHF\_FH\_CloseFriend |  |  | 0=no  1=yes |
|  |  | How easily does child make friends | DMHF\_FH\_MakeFriend |  |  | 0=no  1=yes |
|  |  | How well gets along with friends | DMHF\_FH\_GetAlong |  |  | 0=no  1=yes |
|  |  | What age child does your child get along with best | DMHF\_FH\_AgeChild |  |  | 0=no  1=yes |
|  | Behavior within past 6 months (B6) | Fainting, falling | DMHF\_B6\_FaintFall |  |  | 0=no  1=yes |
|  |  | Anxiety | DMHF\_B6\_anx |  |  | 0=no  1=yes |
|  |  | Low frustration tolerance | DMHF\_B6\_frustration |  |  | 0=no  1=yes |
|  |  | Physical aggression | DMHF\_B6\_PhysAggress |  |  | 0=no  1=yes |
| DMHF Page 14 |  | Clumsiness | DMHF\_B6\_clumsy |  |  | 0=no  1=yes |
|  |  | Unusual fears | DMHF\_B6\_UnusualFear |  |  | 0=no  1=yes |
|  |  | Impulsivity | DMHF\_B6\_impusle |  |  | 0=no  1=yes |
|  |  | Stealing | DMHF\_B6\_stealing |  |  | 0=no  1=yes |
|  |  | Shy, timid | DMHF\_B6\_shy |  |  | 0=no  1=yes |
|  |  | Avoidance | DMHF\_B6\_avoidance |  |  | 0=no  1=yes |
|  |  | Hyperactivity | DMHF\_B6\_hyperactive |  |  | 0=no  1=yes |
|  |  | Use of profanity | DMHF\_B6\_profanity |  |  | 0=no  1=yes |
|  |  | Social isolation | DMHF\_B6\_SocialIsolate |  |  | 0=no  1=yes |
|  |  | Laziness | DMHF\_B6\_lazy |  |  | 0=no  1=yes |
|  |  | Attention seeking | DMHF\_B6\_AttentSeek |  |  | 0=no  1=yes |
|  |  | Skipping school | DMHF\_B6\_SkipSchool |  |  | 0=no  1=yes |
|  |  | Lack of confidence | DMHF\_B6\_LackConfid |  |  | 0=no  1=yes |
|  |  | Obsessive-compulsive behavior | DMHF\_B6\_OCD |  |  | 0=no  1=yes |
|  |  | Irritability | DMHF\_B6\_irr |  |  | 0=no  1=yes |
|  |  | Fire setting | DMHF\_B6\_FireSet |  |  | 0=no  1=yes |
|  |  | Low self-esteem | DMHF\_B6\_LowSE |  |  | 0=no  1=yes |
|  |  | Stereotyped/  repetitive behaviors | DMHF\_B6\_RepeatBeh |  |  | 0=no  1=yes |
|  |  | Temper tantrums | DMHF\_B6\_temper |  |  | 0=no  1=yes |
|  |  | Destructiveness | DMHF\_B6­\_destructive |  |  | 0=no  1=yes |
|  |  | Crying episodes | DMHF\_B6\_crying |  |  | 0=no  1=yes |
|  |  | Memory loss | DMHF\_B6\_MemLoss |  |  | 0=no  1=yes |
|  |  | Oppositional behavior | DMHF\_B6\_OppBeh |  |  | 0=no  1=yes |
|  |  | Cruelty to animals | DMHF\_B6\_CruelAnimal |  |  | 0=no  1=yes |
|  |  | Unhappiness | DMHF\_B6\_unhappy |  |  | 0=no  1=yes |
|  |  | Poor concentration | DMHF\_B6\_PoorConc |  |  | 0=no  1=yes |
|  |  | Noncompliance | DMHF\_B6\_noncomply |  |  | 0=no  1=yes |
|  |  | Gang involvement | DMHF\_B6\_gang |  |  | 0=no  1=yes |
|  |  | Concern with weight | DMHF\_B6\_weight\_con |  |  | 0=no  1=yes |
|  |  | Short attention span | DMHF\_B6\_AttentSpan |  |  | 0=no  1=yes |
|  |  | Defiance | DMHF\_B6\_defiance |  |  | 0=no  1=yes |
|  |  | Cigarette use | DMHF\_B6\_cigarette |  |  | 0=no  1=yes |
|  |  | Sleep problem | DMHF\_B6\_Sleepprob |  |  | 0=no  1=yes |
|  |  | Distractibility | DMHF\_B6\_distract |  |  | 0=no  1=yes |
|  |  | Lying | DMHF\_B6\_lying |  |  | 0=no  1=yes |
|  |  | Alcohol/substance use | DMHF\_B6\_alcohol |  |  | 0=no  1=yes |
|  |  | Other | DMHF\_B6\_other |  |  | 0=no  1=yes |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Current Concussion |  | Date of concussion  (find on report) | Concussion\_date | Date concussion occurred | Date | 1/1/05-5/31/13 |
|  |  | Cause (mechanism) of concussion | Concussion\_mech | how concussion occurred | Nominal | 1=player to player contact  2=ground contact  3=ball/object contact  4=other sport  5=MVA  6=non sport other |
|  |  | Other concussions |  | Multiple concussions over period of time |  | 0=no  1=12 months  2= 2 years  3=3 years  4=4+ years |
|  |  | Presenting problem |  | Reason for seeing neuropsychologist | nominal | 1=  2=  3=  4=  5= |
|  |  |  |  |  |  |  |
|  |  | Recent Psychosocial Stressors (NP impression of something major) | Psy\_soc\_stress | Recent/current Psychosocial Stressors | nominal | 0=no  1=yes |
|  |  | history of headache |  |  |  | 0=no  1=personal  2=family |
|  |  | Other neurological history |  |  |  | 0=no  1=personal  2=family |
|  |  |  |  |  |  |  |
| Patient diagnosis |  | Adjustment Disorder | PD\_AdjustmentDis |  |  | 0= none  1= AD/Dep  2= AD/anx  3=AD/combined  4= AD/non-specified |
|  |  | Mood Disorder/Depression | PD\_MoodDep |  |  | 0=none  1=MDD  2= general depression NOS  3= bipolar |
|  |  | Anxiety | PD\_anxiety |  |  | 0=none  1= GAD  2= anx NOS |
|  |  |  |  |  |  |  |
| Cognitive Measures |  |  |  |  |  |  |
| Woodcock Johnson Test of Cognitive Abilities (WJ\_COG\_III) | GENERAL INTELLECTUAL ABILITY (GIA) |  | WJC\_GIA | Do all composites first and then do subtests |  |  |
|  | VERBAL ABILITY |  | WJC\_VerbalAbility |  |  |  |
|  | THINKING ABILITY |  | WJC\_Thinking |  |  |  |
|  | COGNITIVE EFFICIENCY |  | WJC\_Cognitive\_Eff |  |  |  |
|  | Comprehension-Knowledge | Verbal Comprehension standard score (M=100; SD=15) | WJC\_VA\_verb\_comp | Verbal Comprehension score | Interval (Rasch) | Score Range: |
|  | Comprehension-Knowledge | General Information standard score | WJC\_VA\_gen\_info |  |  |  |
|  | Long-Term Retrieval | Visual Auditory Learning standard score | WJC\_TA\_vis\_aud | Visual Auditory Learning score | Interval | Score Range: |
|  | Long-Term Retrieval Visual | Auditory Learning Delayed standard score | WJC\_TA\_vis\_aud\_delay | Visual Auditory Learning Delayed score |  |  |
|  | Long-Term Retrieval | Retrieval Fluency | WJC\_TA\_retrieval | Retrieval Fluency score |  |  |
|  | Visual-Spatial Thinking | Spatial Relations | WJC\_TA\_spatial\_rel | Spatial Relations |  |  |
|  | Visual-Spatial Thinking | Picture Recognition | WJC\_TA\_pic\_rec | Picture Recognition |  |  |
|  | Visual-Spatial Thinking | Planning | WJC\_TA\_plan | Planning |  |  |
|  | Auditory Processing | Sound Blending standard score | WJC\_TA\_sound | Sound Blending  score |  |  |
|  | Auditory Processing | Incomplete Words standard scores | WJC\_TA\_inc\_word | Incomplete Words score |  |  |
|  | Auditory Processing | Auditory Attention | WJC\_TA\_aud\_atten | Auditory Attention score |  |  |
|  | Fluid Reasoning | Concept Formation standard score | WJC\_TA\_concept | Concept Formation  Score |  |  |
|  | Processing Speed | Visual Matching standard score | WJC\_CE\_vis\_match | Visual Attention/Processing Speed Visual Matching score | Interval | Score Range: |
|  | Processing Speed | Decision Speed standard score | WJC\_\_CE\_dec\_speed | Visual Attention/Processing Speed subtest | Interval | Score Range: |
|  | Processing Speed | Rapid Picture Naming standard score | WJC\_CE\_rap\_pic\_name | Auditory Attention Rapid Picture Naming subtest | Interval | Score Range: |
|  | Processing Speed | Pair Cancellation standard score | WJC\_CE\_pair\_cancel |  |  |  |
|  | Short-Term Memory | Numbers Reversed standard score | WJC\_numb\_rev | Auditory Attention Numbers Reversed subtest | Interval | Score Range: |
|  | Short-Term Memory | Auditory Working Memory standard score | WJC\_aud\_working\_mem | Auditory Attention Auditory working memory subtest | Interval | Score Range: |
|  | Short-Term Memory | Memory for Words standard score | WJC\_mem\_words | Auditory Attention Memory for Words subtest | Interval | Score Range: |
| Woodcock Johnson Test of Cognitive Achievement (WJ\_ACH\_III) |  |  |  |  |  |  |
|  |  | Total Achievement | WJ\_ACH\_TotAchieve |  |  |  |
|  |  | Reading | WJ\_ACH\_reading |  |  |  |
|  |  | Mathematics | WJ\_ACH\_math |  |  |  |
|  |  | Written Language | WJ\_ACH\_WrittenLang |  |  |  |
|  |  | Oral Language | WJ\_ACH\_OralLang |  |  |  |
|  |  | Other Clusters | WJ\_ACH\_OtherCluster |  |  |  |
|  |  | Intra-Achievement Variation (Brief) | WJ\_ACH\_IAVbrief |  |  |  |
|  |  | Intra-Achievement Variation (Broad) | WJ\_ACH\_IAVbroad |  |  |  |
|  |  | Intra-Achievement Variation (Standard) | WJ\_ACH\_IAVstandard |  |  |  |
|  |  | Intra-Achievement Variation (Extended) | WJ\_ACH\_IAVextended |  |  |  |
|  |  | Oral Language Ability/Achievement Discrepancies | WJ\_ACH\_OralLangAbil |  |  |  |
|  | Reading (R) | Brief Reading | WJ\_ACH\_R\_BriefRead |  |  |  |
|  |  | Broad Reading | WJ\_ACH\_R\_BroadRead |  |  |  |
|  |  | Basic Reading Skills | WJ\_ACH\_R\_BasicRead |  |  |  |
|  |  | Reading Comprehension | WJ\_ACH\_R\_ReadComp |  |  |  |
|  | Mathematics (M) | Brief Math | WJ\_ACH\_M\_BriefMath |  |  |  |
|  |  | Broad Math | WJ\_ACH\_M\_BroadMath |  |  |  |
|  |  | Math Calculating Skills | WJ\_ACH\_M\_calculating |  |  |  |
|  |  | Math Reasoning | WJ\_ACH\_M\_reasoning |  |  |  |
|  | Written Language (W) | Brief Writing | WJ\_ACH\_W\_BriefWrite |  |  |  |
|  |  | Broad Written Language | WJ\_ACH\_ W\_BroadWrite |  |  |  |
|  |  | Basic Writing Skills | WJ\_ACH\_W\_WritingSkill |  |  |  |
|  |  | Written Expression | WJ\_ACH\_W\_WriteExpr |  |  |  |
|  | Oral Language (O) | Oral Language-Standard | WJ\_ACH\_O\_OralLangSta |  |  |  |
|  |  | Oral Language-Extended | WJ\_ACH\_O\_OralLangExt |  |  |  |
|  |  | Oral Expression | WJ\_ACH\_O\_OralExp |  |  |  |
|  |  | Listening Comprehension | WJ\_ACH\_O\_ListenComp |  |  |  |
|  | Other Clusters | Academic Skills | WJ\_ACH\_OC\_AcadSkills |  |  |  |
|  | (OC) | Academic Fluency | WJ\_ACH\_OC\_AcadFluen |  |  |  |
|  |  | Academic Applications | WJ\_ACH\_OC\_AcadApps |  |  |  |
|  |  | Academic Knowledge | WJ\_ACH\_OC\_AcadKnowl |  |  |  |
|  |  | Phoneme/Grapheme Knowledge | WJ\_ACH\_OC\_phoneme |  |  |  |
|  |  |  |  |  |  |  |
| Delis-Kaplan Executive Function System (D-KEFS) | Trail Making Test | Visual Scanning  standard score | DKEFS\_TMT\_VisScan | D-KEFS Trail Making Test (subtest) Visual Screening | Interval | Score Range: |
|  |  | Number Sequencing  standard score | DKEFS\_TMT\_NumbSeq | D-KEFS Trail Making Test (subtest) Number Sequencing | Interval | Score Range: |
|  |  | Letter Sequencing standard score | DKEFS\_TMT\_LetterSeq | D-KEFS Trail Making Test (subtest) Letter Sequencing | Interval | Score Range: |
|  |  | Number-Letter Switching  standard score | DKEFS\_TMT\_NumLetSw | D-KEFS Trail Making Test (subtest) Number-Letter Switching | Interval | Score Range: |
|  |  | Motor Speed standard score | DKEFS\_TMT\_MotorSpd | D-KEFS Trail Making Test (subtest) Motor Speed | Interval | Score Range: |
|  | Verbal Fluency Test | Letter Fluency | DKEFS\_VFT\_LetterFl |  |  |  |
|  | Verbal Fluency Test | Category Fluency | DKEFS\_VFT\_CategoryFl |  |  |  |
|  | Verbal Fluency Test | Category Switching | DKEFS\_VFT\_CategorySw |  |  |  |
|  | Design Fluency | Total correct | DKEFS\_VFT\_TotalCorr |  |  |  |
|  | Design Fluency | Filled Dots | DKEFS\_VFT\_FilledDots |  |  |  |
|  | Design Fluency | Empty Dots | DKEFS\_VFT\_EmptyDots |  |  |  |
|  | Design Fluency | Switching | DKEFS\_VFT\_Switching |  |  |  |
|  |  |  |  |  |  |  |
|  | Tower Test | Total Achievement Score standard score | DKEFS\_tower\_TotAch | D-KEFS Tower (subtest) Total Achievement Score | Interval | Score Range: |
|  | Color-Word Interference Test | Color Naming standard score | DKEFS\_CW\_ColorName | D-KEFS Color-Word Interference Test (subtest) Color Naming | Interval | Score Range: |
|  |  | Word Reading standard score | DKEFS\_CW\_WordRead | D-KEFS Color-Word Interference Test (subtest) Word Reading | Interval | Score Range: |
|  |  | Inhibition standard score | DKEFS\_CW\_inhibition | D-KEFS Color-Word Interference Test (subtest) Inhibition | Interval | Score Range: |
|  |  | Inhibition/Switching standard score | DKEFS\_CW\_InhibSwitch | D-KEFS Color-Word Interference Test (subtest) Inhibition/Switching | Interval | Score Range: |
|  |  | Inhibition vs. Color Naming Contrast standard score | DKEFS\_CW\_InhibitCN | D-KEFS Color-Word Interference Test (subtest) Inhibition vs. Color Naming Contrast | Interval | Score Range: |
|  |  |  |  |  |  |  |
| Behavior Assessment System for Children, 2nd ed. **Adolescent Self-Report** |  |  |  |  |  |  |
|  | Clinical Scales | Attitude toward School | BASC\_CS\_school\_A |  | Interval |  |
|  |  | Attitude toward Teachers | BASC\_CS\_teachers\_A |  | Interval |  |
|  |  | Sensation Seeking | BASC\_CS\_sensation\_A |  | Interval |  |
|  |  | Atypicality | BASC\_CS\_atypical\_A |  | Interval |  |
|  |  | Locus of Control | BASC\_CS\_LOC\_A |  | Interval |  |
|  |  | Social Stress | BASC\_CS\_soc\_stress\_A |  | Interval |  |
|  |  | Anxiety | BASC\_CS\_anx\_A |  | Interval |  |
|  |  | Depression | BASC\_CS\_dep\_A |  | Interval |  |
|  |  | Sense of Inadequacy | BASC\_CS\_inadequacy\_A |  | Interval |  |
|  |  | Somatization | BASC\_CS\_somat\_A |  | Interval |  |
|  |  | Hyperactivity | BASC\_CS\_hyper\_A |  | Interval |  |
|  | Adaptive Scales | Relations with Parents | BASC\_AS\_parents\_A |  | Interval |  |
|  |  | Interpersonal Relations | BASC\_AS\_interpersonal\_A |  | Interval |  |
|  |  | Self-Esteem | BASC\_AS\_esteem\_A |  | Interval |  |
|  |  | Self-Reliance | BASC\_AS\_reliance\_A |  | Interval |  |
|  | Content Scales | Test Anxiety | BASC\_CS\_testanx\_A |  | Interval |  |
|  |  | Anger Control | BASC\_CS\_anger\_A |  | Interval |  |
|  |  | Mania | BASC\_CS\_mania\_A |  | Interval |  |
|  |  | Ego strength | BASC\_SC\_ego\_A |  | Interval |  |
|  |  |  |  |  |  |  |
| Behavior Assessment System for Children, 2nd ed. **Parent Proxy (use mothers unless didn’t complete use dad)** |  |  |  |  |  |  |
|  | Clinical Scales | Hyperactivity | BASC\_CS\_hyper\_P |  | Interval |  |
|  |  | Aggression | BASC\_CS\_aggress\_P |  | Interval |  |
|  |  | Conduct Problems | BASC\_CS\_conduct\_P |  | Interval |  |
|  |  | Anxiety | BASC\_CS\_anx\_P |  | Interval |  |
|  |  | Depression | BASC\_CS\_dep\_P |  | Interval |  |
|  |  | Somatization | BASC\_CS\_somat\_P |  | Interval |  |
|  |  | Atypicality | BASC\_CS\_atypial\_P |  | Interval |  |
|  |  | Withdrawal | BASC\_CS\_withdrawal\_P |  | Interval |  |
|  |  | Attention Problems | BASC\_CS\_attention\_P |  | Interval |  |
|  | Adaptive Scales | Adaptability | BASC\_AS\_adapt\_P |  | Interval |  |
|  |  | Social Skills | BASC\_AS\_soc\_skills\_P |  | Interval |  |
|  |  | Leadership | BASC\_AS\_leader\_P |  | Interval |  |
|  |  | Activities of Daily Living | BASC\_AS\_ADL\_P |  | Interval |  |
|  |  | Functional Communication | BASC\_AS\_func\_comm\_P |  | Interval |  |
|  | Content Scales | Anger Control | BASC\_CONS\_anger\_P |  | Interval |  |
|  |  | Bullying | BASC\_CONS\_bully\_P |  | Interval |  |
|  |  | Social Disorders | BASC\_CONS\_soc\_dis\_P |  | Interval |  |
|  |  | Emotional Self-Control | BASC\_CONS\_EmotCon\_P |  | Interval |  |
|  |  | Executive Functioning | BASC\_CONS\_ExecFxn\_P |  | Interval |  |
|  |  | Negative Emotionality | BASC\_CONS\_NegEmot\_P |  | Interval |  |
|  |  | Resiliency | BASC\_CONS\_resiliency\_P |  | Interval |  |
|  | Composite Indices | Externalizing Problems | BASC\_CI\_external\_P |  | Interval |  |
|  |  | Internalizing Problems | BASC\_CI\_internal\_P |  | Interval |  |
|  |  | Behavior Symptom Index | BASC\_CI\_BehSx\_P |  | Interval |  |
|  |  | Adaptive Skills | BASC\_CI\_adaptive\_P |  | Interval |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| ImPACT NP | Baseline | Date | IMP\_date\_b |  |  |  |
|  | Baseline might be on ImPACT report if ST. V school or on separate report | Verbal Memory raw score | IMP\_VerbMraw\_b |  |  |  |
|  |  | Verbal Memory % | IMP\_VerbMp\_b |  |  |  |
|  |  | Visual Memory raw score | IMP\_VisMraw\_b |  |  |  |
|  |  | Visual Memory % | IMP\_VisMp\_b |  |  |  |
|  |  | Visual Motor Speed raw score | IMP\_VMSraw\_b |  |  |  |
|  |  | Visual Motor Speed % | IMP\_VMSp\_b |  |  |  |
|  |  | Reaction Time raw score | IMP\_RTraw\_b |  |  |  |
|  |  | Reaction Time % | IMP\_RTp\_b |  |  |  |
|  |  | Impulse Control raw score | IMP\_ICraw\_b |  |  |  |
|  |  | Total Symptoms raw score | IMP\_TSxraw\_b |  |  |  |
|  |  | Cognitive Efficiency Index raw score | IMP\_CEIraw\_b |  |  |  |
| ImPACT Symptoms | Baseline | Headache | IMP\_headache\_b |  |  |  |
|  |  | Nausea | IMP\_nausea\_b |  |  |  |
|  |  | Vomiting | IMP\_vomit\_b |  |  |  |
|  |  | Balance problems | IMP\_balance\_b |  |  |  |
|  |  | Dizziness | IMP\_dizziness\_b |  |  |  |
|  |  | Fatigue | IMP\_fatigue\_b |  |  |  |
|  |  | Trouble falling asleep | IMP\_TFSleep\_b |  |  |  |
|  |  | Sleeping more than usual | IMP\_SleepMore\_b |  |  |  |
|  |  | Sleeping less than usual | IMP\_SleepLess\_b |  |  |  |
|  |  | Drowsiness | IMP\_drow\_b |  |  |  |
|  |  | Sensitivity to light | IMP\_SenLight\_b |  |  |  |
|  |  | Sensitivity to noise | IMP\_SenNoise\_b |  |  |  |
|  |  | Irritability | IMP\_irr\_b |  |  |  |
|  |  | Sadness | IMP\_sad\_b |  |  |  |
|  |  | Nervousness | IMP\_nervous\_b |  |  |  |
|  |  | Feeling more emotional | IMP\_emotional\_b |  |  |  |
|  |  | Numbness or tingling | IMP\_numb\_b |  |  |  |
|  |  | Feeling slowed down | IMP\_slow\_b |  |  |  |
|  |  | Feeling mentally foggy | IMP\_fog\_b |  |  |  |
|  |  | Difficulty concentrating | IMP\_concentrate\_b |  |  |  |
|  |  | Difficulty remembering | IMP\_remember\_b |  |  |  |
|  |  | Visual problems | IMP\_VisProbs\_b |  |  |  |
|  |  |  |  |  |  |  |
| ImPACT NP | Post Concussion | Date | IMP\_date\_pc |  |  |  |
|  |  | Verbal Memory raw score | IMP\_VerbMraw\_pc |  |  |  |
|  |  | Verbal Memory % | IMP\_VerbMp\_pc |  |  |  |
|  |  | Visual Memory raw score | IMP\_VisMraw\_pc |  |  |  |
|  |  | Visual Memory % | IMP\_VisMp\_pc |  |  |  |
|  |  | Visual Motor Speed raw score | IMP\_VMSraw\_pc |  |  |  |
|  |  | Visual Motor Speed % | IMP\_VMSp\_pc |  |  |  |
|  |  | Reaction Time raw score | IMP\_RTraw\_pc |  |  |  |
|  |  | Reaction Time % | IMP\_RTp\_pc |  |  |  |
|  |  | Impulse Control raw score | IMP\_ICraw\_pc |  |  |  |
|  |  | Total Symptoms raw score | IMP\_TSxraw\_pc |  |  |  |
|  |  | Cognitive Efficiency Index raw score | IMP\_CEIraw\_pc |  |  |  |
| ImPACT Symptoms | Post Concussion | Headache | IMP\_headache\_pc |  |  |  |
|  |  | Nausea | IMP\_nausea\_pc |  |  |  |
|  |  | Vomiting | IMP\_vomit\_pc |  |  |  |
|  |  | Balance problems | IMP\_balance\_pc |  |  |  |
|  |  | Dizziness | IMP\_dizziness\_pc |  |  |  |
|  |  | Fatigue | IMP\_fatigue\_pc |  |  |  |
|  |  | Trouble falling asleep | IMP\_TFSleep\_pc |  |  |  |
|  |  | Sleeping more than usual | IMP\_SleepMore\_pc |  |  |  |
|  |  | Sleeping less than usual | IMP\_SleepLess\_pc |  |  |  |
|  |  | Drowsiness | IMP\_drow\_pc |  |  |  |
|  |  | Sensitivity to light | IMP\_SenLight\_pc |  |  |  |
|  |  | Sensitivity to noise | IMP\_SenNoise\_pc |  |  |  |
|  |  | Irritability | IMP\_irr\_pc |  |  |  |
|  |  | Sadness | IMP\_sad\_pc |  |  |  |
|  |  | Nervousness | IMP\_nervous\_pc |  |  |  |
|  |  | Feeling more emotional | IMP\_emotional\_pc |  |  |  |
|  |  | Numbness or tingling | IMP\_numb\_pc |  |  |  |
|  |  | Feeling slowed down | IMP\_slow\_pc |  |  |  |
|  |  | Feeling mentally foggy | IMP\_fog\_pc |  |  |  |
|  |  | Difficulty concentrating | IMP\_concentrate\_pc |  |  |  |
|  |  | Difficulty remembering | IMP\_remember\_pc |  |  |  |
|  |  | Visual problems | IMP\_VisProbs\_pc |  |  |  |
|  |  |  |  |  |  |  |
| ImPACT NP | Test closest to NP testing | Date | IMP\_date\_np |  |  |  |
|  |  | Verbal Memory raw score | IMP\_VerbMraw\_np |  |  |  |
|  |  | Verbal Memory % | IMP\_VerbMp\_np |  |  |  |
|  |  | Visual Memory raw score | IMP\_VisMraw\_np |  |  |  |
|  |  | Visual Memory % | IMP\_VisMp\_np |  |  |  |
|  |  | Visual Motor Speed raw score | IMP\_VMSraw\_np |  |  |  |
|  |  | Visual Motor Speed % | IMP\_VMSp\_np |  |  |  |
|  |  | Reaction Time raw score | IMP\_RTraw\_np |  |  |  |
|  |  | Reaction Time % | IMP\_RTp\_np |  |  |  |
|  |  | Impulse Control raw score | IMP\_ICraw\_np |  |  |  |
|  |  | Total Symptoms raw score | IMP\_TSxraw\_np |  |  |  |
|  |  | Cognitive Efficiency Index raw score | IMP\_CEIraw\_np |  |  |  |
| ImPACT Symptoms | Test closest to NP testing | Headache | IMP\_headache\_np |  |  |  |
|  |  | Nausea | IMP\_nausea\_np |  |  |  |
|  |  | Vomiting | IMP\_vomit\_np |  |  |  |
|  |  | Balance problems | IMP\_balance\_np |  |  |  |
|  |  | Dizziness | IMP\_dizziness\_np |  |  |  |
|  |  | Fatigue | IMP\_fatigue\_np |  |  |  |
|  |  | Trouble falling asleep | IMP\_TFSleep\_np |  |  |  |
|  |  | Sleeping more than usual | IMP\_SleepMore\_np |  |  |  |
|  |  | Sleeping less than usual | IMP\_SleepLess\_np |  |  |  |
|  |  | Drowsiness | IMP\_drow\_np |  |  |  |
|  |  | Sensitivity to light | IMP\_SenLight\_np |  |  |  |
|  |  | Sensitivity to noise | IMP\_SenNoise\_np |  |  |  |
|  |  | Irritability | IMP\_irr\_np |  |  |  |
|  |  | Sadness | IMP\_sad\_np |  |  |  |
|  |  | Nervousness | IMP\_nervous\_np |  |  |  |
|  |  | Feeling more emotional | IMP\_emotional\_np |  |  |  |
|  |  | Numbness or tingling | IMP\_numb\_np |  |  |  |
|  |  | Feeling slowed down | IMP\_slow\_np |  |  |  |
|  |  | Feeling mentally foggy | IMP\_fog\_np |  |  |  |
|  |  | Difficulty concentrating | IMP\_concentrate\_np |  |  |  |
|  |  | Difficulty remembering | IMP\_remember\_np |  |  |  |
|  |  | Visual problems | IMP\_VisProbs\_np |  |  |  |
|  |  |  |  |  |  |  |
| WRAML-2 |  | General Memory | WRAML\_GenMemory |  |  |  |
|  |  | Verbal Memory | WRAML\_VerbalMemory |  |  |  |
|  |  | Visual Memory | WRAML\_VisualMemory |  |  |  |
|  |  | Attention/concentration | WRAML\_attention\_con |  |  |  |
|  | Optional Index | Working Memory | WRAML\_WorkingMem |  |  |  |
|  | Optional Index | Verbal Recognition | WRAML\_VerbalRecog |  |  |  |
|  | Optional Index | Visual Recognition | WRAML\_VisualRecog |  |  |  |
|  | Optional Index | General Recognition | WRAML\_GeneralRecog |  |  |  |
|  | Core Subtests | Story Memory | WRAML\_StoryMem |  |  |  |
|  | Core Subtests | Design Memory | WRAML\_DesignMem |  |  |  |
|  | Core Subtests | Verbal Learning | WRAML\_Verbal\_Learn |  |  |  |
|  | Core Subtests | Picture Memory | WRAML\_picture |  |  |  |
|  | Core Subtests | Finger Windows | WRAML\_FingerWind |  |  |  |
|  | Core Subtests | Number Letter | WRAML\_NumbLet |  |  |  |
|  |  | Verbal Learning Recall | WRAML\_VerbalRecall |  |  |  |
|  |  | Story Memory Recall | WRAML\_StoryRecall |  |  |  |
|  |  | Story Memory Recognition | WRAML\_StoryRecog |  |  |  |
|  |  | Design Recognition | WRAML\_DesignRecog |  |  |  |
|  |  | Verbal Learning Recognition | WRAML\_VerbLearnRec |  |  |  |
|  |  | Picture Memory Recognition | WRAML\_PicMemRecog |  |  |  |
|  |  |  |  |  |  |  |
| Conner’s Continuous Performance Test (CPT-2) |  |  |  |  |  |  |
|  |  | Overall Index | CPT\_overall |  |  |  |
|  |  | Confidence Index | CPT\_confidence\_ind |  |  |  |
|  |  | Omissions | CPT\_omissions |  |  |  |
|  |  | Commissions | CPT\_commissions |  |  |  |
|  |  | Hit RT | CPT\_HitRT |  |  |  |
|  |  | Hit RT SE | CPT\_HitRT\_SE |  |  |  |
|  |  | Variability | CPT\_variability |  |  |  |
|  |  | Detectability | CPT\_detectability |  |  |  |
|  |  | Response Style | CPT\_ResponseStyle |  |  |  |
|  |  | Perseverations | CPT\_perserverations |  |  |  |
|  |  | Hit RT Block Change | CPT\_HitRT\_block |  |  |  |
|  |  | Hit RT SE Block Change | CPT\_HitRT\_SE\_block |  |  |  |
|  |  | Hit RT SE ISI Change | CPT\_HitRT\_SE\_ISI |  |  |  |
|  |  |  |  |  |  |  |
| Paced Auditory Serial Addition Test | PASAT | Number correct PASAT 2 second | PASAT\_2 |  |  |  |
|  |  | Number correct PASAT 3 second | PASAT\_3 |  |  |  |
|  |  |  |  |  |  |  |
| Medical Symptom Validity Test | MVST | Immediate Recognition | MVST\_IR |  |  |  |
|  |  | Delayed Recognition | MVST\_DR |  |  |  |
|  |  | Consistency | MVST\_consistency |  |  |  |
|  |  | Paired Associates | MVST\_PA |  |  |  |
|  |  | Free Recall | MVST\_FR |  |  |  |
|  |  |  |  |  |  |  |
| NEPSY-2 |  | Executive Function & Attention | NEPSY\_ExecutiveFxn |  |  |  |
|  |  | Language | NEPSY\_language |  |  |  |
|  |  | Memory and Learning | NEPSY\_MemLearn |  |  |  |
|  |  | Sensorimotor | NEPSY\_sensorimotor |  |  |  |
|  |  | Visual Processing | NEPSY\_VisProcess |  |  |  |
|  |  | Social Perception | NEPSY\_SocialPercept |  |  |  |
|  |  |  |  |  |  |  |
| WAIS-4 | Verbal Comprehension Scale | Similarities | WAIS\_VCS\_similarities |  |  |  |
|  |  | Vocabulary | WAIS\_VCS\_vocabulary |  |  |  |
|  |  | Information | WAIS\_VCS\_information |  |  |  |
|  |  | Comprehension | WAIS\_VCS\_compreh |  |  |  |
|  | Perceptual Reasoning Scale | Block Design | WAIS\_PRS\_block |  |  |  |
|  |  | Matrix Reasoning | WAIS\_PRS\_matrix |  |  |  |
|  |  | Visual Puzzles | WAIS\_PRS\_visual |  |  |  |
|  |  | Picture Completion | WAIS\_PRS\_picture |  |  |  |
|  |  | Figure Weights | WAIS\_PRS\_figure |  |  |  |
|  | Working Memory Scale | Digit Span | WAIS\_WMS\_digit |  |  |  |
|  |  | Arithmetic | WAIS\_WMS\_arithmetic |  |  |  |
|  |  | Letter-Number Sequencing | WAIS\_WMS\_letternumb |  |  |  |
|  | Processing Speed Scale | Symbol Search | WAIS\_PSS\_symbol |  |  |  |
|  |  | Coding | WAIS\_PSS\_coding |  |  |  |
|  |  | Cancellation | WAIS\_PSS\_cancellation |  |  |  |