

#### **Summary Measures Form**

Pediatric Acute Liver Failure	Patient ID		
	Timepoint:	☐ 6 month	□ 12 month
Test Date (mm/dd/yy)://			
Date of CRF Completion (mm/dd/yy)://			
Study Staff Initials			

For each of the following neurocognitive assessments indicate whether they were completed and if not completed the reason the assessment was not completed:

Assessment	Completed	If no, reason
Behavior Rating Inventory of Executive Functioning (BRIEF) - Parent	☐ Yes ☐ No	<ul> <li>Completed alternative, age-appropriate form</li> <li>Examiner error</li> <li>Not returned</li> <li>Other, specify</li> </ul>
Behavior Rating Inventory of Executive Function (BRIEF) – Parent Preschool	☐ Yes ☐ No	□ Completed alternative, age-appropriate form     □ Examiner error     □ Not returned     □ Other, specify
Behavior Rating Inventory of Executive Function (BRIEF) – Self Report (Ages 11-16)	☐ Yes ☐ No	<ul> <li>2 □ Examiner error</li> <li>3 □ Not returned</li> <li>4 □ Patient not in age range</li> <li>5 □ Child uncooperative/unengaged</li> <li>6 □ Child unable to complete (comprehension)</li> <li>20 □ Other, specify</li> </ul>
Wechsler Intelligence Scales for Children – Fourth Edition (WISC-IV)	☐ Yes ☐ No	1 ☐ Completed alternative, age-appropriate form 2 ☐ Examiner error 5 ☐ Child uncooperative/unengaged 6 ☐ Child unable to complete (comprehension) 20 ☐ Other, specify
Wechsler Preschool and Primary Scales of Intelligence, 4 <sup>th</sup> Ed (WPPSI-IV)	☐ Yes ☐ No	1 ☐ Completed alternative, age-appropriate form 2 ☐ Examiner error 5 ☐ Child uncooperative/unengaged 6 ☐ Child unable to complete (comprehension) 20 ☐ Other, specify

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Assessment	Completed	If no, reason
Beery-Buktenica Developmental Test of Visual-Motor Integration (VMI-6)	☐ Yes ☐ No	<ul> <li>2 □ Examiner error</li> <li>5 □ Child uncooperative/unengaged</li> <li>6 □ Child unable to complete (comprehension)</li> <li>20 □ Other, specify</li> </ul>
Conners' Continuous Performance Test - K-CPT (Age 4-5); CPT-II (Age 6 +)	☐ Yes ☐ No	2 ☐ Examiner error 4 ☐ Patient not in age range 5 ☐ Child uncooperative/unengaged 6 ☐ Child unable to complete (comprehension) 20 ☐ Other, specify
Adaptive Behavior Assessment System – 2 <sup>nd</sup> Edition (ABAS-II)	☐ Yes ☐ No	2 ☐ Examiner error 3 ☐ Not returned 20 ☐ Other, specify
Children's Depression Inventory, 2 <sup>nd</sup> edition (CDI-2) - Self Report (Ages 8-16)	☐ Yes ☐ No	<ul> <li>2 □ Examiner error</li> <li>3 □ Not returned</li> <li>4 □ Patient not in age range</li> <li>5 □ Child uncooperative/unengaged</li> <li>6 □ Child unable to complete (comprehension)</li> <li>20 □ Other, specify</li></ul>
Children's Depression Inventory, 2 <sup>nd</sup> edition (CDI-2) - Parent (Ages 8-16)	☐ Yes ☐ No	2 ☐ Examiner error 3 ☐ Not returned 4 ☐ Patient not in age range 20 ☐Other, specify
Abbreviated UCLA PTSD Reaction Index (PTSD-RI) – Self-Report (Ages 8-16)	☐ Yes ☐ No	2 ☐ Examiner error 4 ☐ Patient not in age range 5 ☐ Child uncooperative/unengaged 6 ☐ Child unable to complete (comprehension) 12 ☐ Refused 20 ☐ Other, specify
UCLA PTSD Reaction Index, Parent Screening Version – Parent (Ages 8-16)	☐ Yes ☐ No	2 ☐ Examiner error 3 ☐ Not returned 4 ☐ Patient not in age range 12 ☐ Refused 20 ☐ Other, specify

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Pediatric Acute Liver Failure	Patient ID		
	Timepoint: ☐ 6 month ☐ 12 month		
BRIEF-Parent			
Person completing form:	$_{1}$ □ Mother $_{2}$ □ Father $_{6}$ □ Other, specify		
Indices Behavioral Regulation Index (BRI) Metacognition Index (MI) Global Executive Composite (GEC)	T-Score (range 10-150) Mean=50 SD=10  ———— *Higher score is worse*  ————		
Scales Inhibit Shift Emotional Control Initiate Working Memory Plan/Organize Organization of Materials	T-Score (range 10-150)  ————  *Higher score is worse*  ———  ———  ———  ————  ————		
<u>Validity Scales</u> Negativity	<ul> <li>1 ☐ Acceptable</li> <li>2 ☐ Elevated</li> <li>3 ☐ Highly Elevated</li> </ul>		
Inconsistency	<ul> <li>1 ☐ Acceptable</li> <li>2 ☐ Questionable</li> <li>3 ☐ Inconsistent</li> </ul>		



Pediatric Acute Liver Failure	Patient ID			
	Timep	ooint: 🗆 6 month 🗆 12 month		
BRIEF-Parent Preschool				
Person completing form:	l Mother ₂□ Father	6□ Other, specify		
Indices Inhibitory Self-Control Index (ISCI) Flexibility Index (FI) Emergent Metacognition Index (EMI) Global Executive Composite (GEC)	T-Score (range 10-150)  — — —  — — —  — — —	Mean=50 SD=10 *Higher score is worse*		
Scales Inhibit Shift Emotional Control Working Memory Plan/Organize	T-Score (range 10-150)  — — —  — — —  — — —	Mean=50 SD=10 *Higher score is worse*		
<u>Validity Scales</u> Negativity	<ul> <li>1 ☐ Acceptable</li> <li>2 ☐ Elevated (98-99%)</li> <li>3 ☐ Elevated (100%)</li> </ul>			
Inconsistency	<ul> <li>1 ☐ Acceptable (0-94%)</li> <li>2 ☐ Acceptable (97-98%)</li> <li>3 ☐ Inconsistent (99-100%)</li> </ul>			



Pediatric Acute Liver Pailure	Patient ID				
		Timepoint: ☐ 6 month ☐ 12 month			
BRIEF-Self-Report (Ages 11-16)					
Form read to child:	0□ No 1□ <5	50% 2□ ≥50%			
Indices Behavioral Regulation Index (BRI) Metacognition Index (MI) Global Executive Composite (GEC)	T-Score (range 10- — — — — — —	150) Mean=50 SD=10 *Higher score is worse*			
Scales Inhibit Shift Emotional Control Monitor Working Memory Plan/Organize Organization of Materials Task Completion	T-Score (range 10-	150) Mean=50 SD=10 *Higher score is worse*			
Sub-scales Behavioral Shift Cognitive Shift	T-Score (range 10- — — — — — —	150) Mean=50 SD=10 *Higher score is worse*			
Validity Scales Negativity					
Inconsistency					



Pediatric Acute Liver Failure	Patient ID				
	Timep	point: □ 6 month □ 12 month			
<u>WISC-IV</u>					
Composites Verbal Comprehension Index (VC) Perceptual Reasoning Index (PR) Working Memory Index (WM) Processing Speed Index (PS) Full Scale IQ (FSIQ) General Ability Index (GAI) Cognitive Proficiency	Standard Score (range 40-16d	<u>0)</u> Mean=100 SD=15			
Subtests Similarities Vocabulary Comprehension Block Design Picture Concepts Matrix Reasoning Digit Span Letter-Number Sequencing Coding Symbol Search	Scaled Score (range 1-19)	Mean=10 SD=3			



Pediatric Acute Liver Failure	Patient ID				
	Timepoint: □ 6 month □ 12 month				
WPPSI-IV					
Composites	Standard Score (range 40-16	0) Mean=100 SD=15			
Verbal Comprehension					
Visual Spatial					
Fluid Reasoning	<del></del>	□ N/A, Patient < 4			
Working Memory					
Processing Speed		□ N/A, Patient < 4			
Full Scale					
Vocabulary Acquisition	<del></del>				
Nonverbal					
General Ability Index					
Cognitive Proficiency		□ N/A, Patient < 4			
Subtests	Scaled Score (range 1-19)	Mean=10 SD=3			
Receptive Vocabulary					
Block Design	<del></del>				
Information	<del></del>				
Matrix Reasoning	<del></del> -	□ N/A, Patient < 4			
Bug Search	<del></del>	□ N/A, Patient < 4			
Picture Memory	<del></del>				
Similarities	<del></del>	□ N/A, Patient < 4			
Picture Concepts	<del></del>	□ N/A, Patient < 4			
Cancellation	<del></del>	□ N/A, Patient < 4			
Zoo Locations	<del></del>				
Object Assembly	<del></del>				
Picture Naming					
<u>VMI-6</u>					
Indices	Standard Score (range 40-16	(0) Mean=100 SD=15			
Visual-Motor Integration	Claridata Coole (lange 40 10	<u>,</u>			
Visual Perception					
Motor Coordination					
	<del></del>				



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Patient ID \_\_\_ - \_\_ \_ - \_\_ - \_\_ \_\_

	Tim	nepoint: 🗆 6 month 🗆 12 month
K-CPT (Age 4-5)/ CPT-II (Age 6+)		
Version: 1□ K-CPT	2□ CPT-II	
Indices Omission Errors Commission Errors Hit Reaction Time (RT) RT Standard Error (RTSE) Variability Detectability (d')	T- Score (range10-150)  — — — — — —  — — — — —  — — — — —  — — — — —	Mean=50 SD=10  *Higher Score is worse for all CPT-II variables*  *High and low RT scores can be problemation
Clinical Confidence Index	Percentage — — —	*If >50% then profile is clinical, otherwise non-clinical
ABAS-II		
Version:	1□ Age 0-5 2□ Age 5-21	
Person completing form:	1□ Mother 2□ Father	6□ Other, specify
Composites Global Adaptive Composite (GAC) Conceptual Social Practical	Standard Score (range 40-	<u>160)</u> Mean=100 SD=15
Skill Areas Communication (COM) Community Use (CU) Functional Academics (FA) Home Living (HL) Health and Safety (HS) Leisure (LS) Self-Care (SC) Self-Direction (SD) Social (SOC) Motor (MO)	Scaled Score (range 1-19)	Mean=10 SD=3  □ N/A, Patient >5



Pediatric Acute Liver Failure				Patient ID		
			7	Γimepoint:	☐ 6 month	☐ 12 month
CDI-2-Self-Report (Ages 8-16)						
Form read to child:	0	No	1□ <50%	2□ ≥	50%	
Suicidal Ideation Red Flag:	1	Yes	o□ No			
If yes, indicate answer:	1	SI (Item#8)=	1			
	2□	SI (Item#8)=	2			
Scales Emotional Problems Functional Problems Fotal Score		T-Score (ran	nge 10-150)		an=50 SD=1 gher score is v	
Sub-scales Negative Mood/Physical Symptoms Negative Self-Esteem neffectiveness nterpersonal Problems		T-Score (ran	nge 10-150 <u>)</u>		an=50 SD=1 gher score is v	
CDI-2-Parent (Ages 8-16)						
Person completing form:	1	Mother	2□ Father	6□ C	ther, specify	
Scales Emotional Problems Functional Problems Fotal Score		T-Score (ran	nge 10-150)		an=50 SD=1 gher score is v	



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Pediatric Acute Liver Failure	Patient ID						
			Timepoir	nt: □6 m	onth $\square$	12 month	
PTSD-RI-Self-Report (Ages 8-16)							
Form read to child:	o□ <b>No</b>	1□ <50%	2□	≥50%			
			None	Little	Some	Much	Most
				1		1	

	None	Little	Some	Much	Most
1. I get upset, afraid, or sad when something makes me think about what happened.	0□	1□	2□	3□	4□
2. I have upsetting thoughts or pictures of what happened come into my mind when I do not want them to.	0 🗆	1□	2□	3□	4□
3. I feel grouchy, or I am easily angered.	0□	1□	2□	3□	4□
4. I try not to talk about, think about, or have feelings about what happened.	0 🗆	1□	2□	3□	4□
5. I have trouble going to sleep or wake up often during the night.	0□	1□	2□	3□	4□
6. I have trouble concentrating or paying attention	0 🗆	1□	2□	3□	4□
7. I try to stay away from people, places, or things that make me remember what happened.	0□	1□	2□	3□	4□
8. I have bad dreams, including dreams about what happened.	0 🗆	1□	2□	3□	4□
9. I feel alone inside and not close to other people.	0□	1□	2□	3□	4□

# PTSD-RI-Parent Screening Version (Ages 8-16)

Person completing form:	₁□ Mother	2□ Fathe	er 6□ Other	, specify	
			Hardly Ever	Sometimes	A lot
1. When something reminds my ch	ild of what happened	d he or she	0□	1□	2□

1. When something reminds my child of what happened he or she gets very upset, scared, or sad.	0□	1□	2□
2. My child has upsetting thoughts, pictures, or sounds of what happened come into his or her mind when he or she does not want them to.	0□	1□	2□
3. My child feels grouchy, angry, or mad.	0□	1□	2□
4. My child tries to stay away from people, places, or things that make him or her remember what happened.	0□	1□	2□
5. My child is more aggressive (hitting, biting, kicking, or breaking things) since this happened.	0□	1□	2□
6. My child has trouble going to sleep or wakes up often during the night	0□	1□	2□

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