

Overview of Variables Collected by the Burn Model System

In 2015, the BMS began data collection using redesigned surveys that include new and previously administered items and measures. These new surveys include measures specific to pediatric, pediatric proxy, or adult participants, and are collected at discharge, 6 months, 12 months, 2 years, and then every 5 years post burn.

Measure	Time-point administered	New in 2015 or previously administered?	Age group administered to	BMS or standardized measure?	Number of items in measure
Domain: Demographics (including income, marital status, living situation, work status, school status, etc)					
Demographics	Discharge and all f/u	Some items are new, such as household income. Some have been previously collected, such as living situation and work status.	Proxy (ages 0-17); Self-report 13+	BMS	25
Domain: Burn Injury Information					
Medical Record Abstraction Form	Discharge	Some items are new, such as MRSA presence/absence. Some have been previously collected, such as etiology of injury and disposition.	All ages	BMS	45
Burn Injury Follow-up	All f/u points, <u>not</u> pre or discharge	Some items are new, such as ability to drive. Some have been previously collected, such as physical or psychological therapy.	Proxy (ages 0-17); Self-report 13+	BMS	15
Domain: Medical Conditions					
Review of Systems	Collected at pre, d/c, and all f/u	New	18+	BMS	52
Child Health Conditions	All f/u points, <u>not</u> pre or discharge	New	Proxy (ages 0-17); Self-report 13-17	Standardized	19
Domain: Health Related Quality of Life					
VR-12	Collected at pre, d/c, and all f/u	New, replaces the SF12	18+	Standardized	12

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Domain: Global Health (including depression, fatigue, anxiety, peer relationships, anger)					
PROMIS 29	All f/u points, <u>not</u> pre or discharge	New	18+	Standardized	29
PROMIS 25	All f/u points, <u>not</u> discharge or pre	New	Self-report (ages 8-17)	Standardized	25
Domain: Community Participation					
Community Integration Questionnaire	Collected at pre, and all f/u	Previously administered	14+	Standardized	6
PROMIS Peer Relationships	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 8-17)	Standardized	7
Domain: Depression					
Suicide item from PHQ-9	Collected at pre, d/c, and all f/u	New	18+	Standardized	1
PROMIS Sadness	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 8-17)	Standardized	4
PROMIS Depressive Symptoms	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 8-17)	Standardized	6
NIH TB Sadness	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 3-7)	Standardized	4

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Domain: Anger					
PROMIS Anger	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 8-17)	Standardized	6
NIH TB Anger	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 3-7)	Standardized	4
Domain: Stigma/Body Image					
Neuro-Qol Stigma measure	All f/u points, <u>not</u> pre or discharge	New	18+	Standardized	8
Body Image	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 0-17); Self-report (ages 8-17)	From BOQ	4
Domain: Itch					
4-D itch	Discharge and all f/u, <u>not</u> pre	New	18+	Standardized	4 if participant reports itch
Pain and Itch	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 0-7)	BMS	2
Itch (PROMIS items modified for the BMS)	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 0-17); Self-report (ages 8-17)		

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Domain: PTSD					
Post-Traumatic Stress Disorder Checklist	All f/u points, <u>not</u> discharge or pre	New	18+	Standardized	17
Child PTSD Symptom Scale	All f/u points, <u>not</u> discharge or pre	New	Self-report (ages 8-17)	Standardized	24
Domain: Drug/alcohol/medication use					
CAGE Alcohol/Drug use	Collected at d/c and all f/u	Previously administered at d/c, now administered at f/u as well	18+	Standardized for alcohol; modified for drug use by BMS	8
Pain medication	Pre, all f/u points	New	Proxy (ages 0-17); Self-report 13+	BMS	12 pain medications to read and check if taking
Domain: Burn Specific Health					
Burn Specific Health Scale-Brief	All f/u points, <u>not</u> pre or discharge	New	18+	Standardized	40
Domain: Post Traumatic Growth					
Post Traumatic Growth Inventory	All f/u points, <u>not</u> discharge or pre	New	18+	Standardized	10
Child PTGI	All f/u points, <u>not</u> discharge or pre	New	Self-report (ages 8-17)	Standardized	10

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Domain: Physical Function					
PROMIS Physical Function mobility	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 8-17)	Standardized	8
PROMIS physical function upper extremity	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 8-17)	Standardized	8
PEDI Mobility	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 0-7)	Standardized	5
Domain: Satisfaction with Life/Positive Affect					
NIH TB General Life Satisfaction	All f/u points, <u>not</u> discharge or pre	New	Proxy (ages 3-17); Self-report (ages 8-17)	Standardized	4
Satisfaction with Life	Collected at pre, and all f/u	Previously administered	18+	Standardized	5

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Variables previously collected by the BMS and now archived (can be requested for analysis):

Measure/Variable Collected	Time-point Collected					
	Discharge	6 months	12 months	24 months	5 years	10 years
Demographic Information (ethnicity, age, employment at time of injury, etc)	✓					
Burn information (burn date, etiology, etc)	✓					
Short Form 12/10	✓ (for discharge and pre-burn recall periods)	✓	✓	✓		
Community Integration Questionnaire	✓ (for pre-burn recall periods)	✓	✓	✓		
Satisfaction with Life	✓ (for pre-burn recall periods)	✓	✓	✓		
Distress	✓	✓	✓	✓		
Satisfaction with Appearance	✓	✓	✓	✓		
Scars Problems	✓	✓	✓	✓		
School/employment after burn		✓	✓	✓		
Surgery, scar, therapy information		✓	✓	✓		
PHQ-9					✓	✓
World Health Organization Disability Assessment Scale					✓	✓
Burn Specific Health Scale					✓	✓
5 Dimensions Itch Scale (4 dimensions administered)					✓	✓
Insomnia Measure					✓	✓

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NIH Toolbox Positive Affect (pediatric only)		✓	✓	✓	✓	✓
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