

TABLE E-1 Percent of LEAP Patients (N = 420) Reporting Mild-to-Severe Symptoms at Three and Twenty-four Months After Injury Compared with Norms§

| BSI Symptom | % of Adult Non-Patients | % of LEAP at 3 Months | % of LEAP at 24 Months |
|--|----------------------------|--------------------------|---------------------------|
| Somatization | | | |
| 2. Faintness or dizziness | 17.2 | 22.3* | 22.2* |
| 7. Pains in heart or chest | 16.2 | 12.7 | 17.9 |
| 23. Nausea or upset stomach | 22.7 | 31.2* | 30.2* |
| 29. Trouble getting your breath | 13.9 | 11.2 | 20.5* |
| 30. Hot or cold spells | 18.0 | 34.0** | 29.1** |
| 33. Numbness in parts of body | 23.6 | 70.0** | 64.0** |
| 37. Feeling weak in parts of body | 22.1 | 73.4** | 61.4** |
| Obsessive-Compulsive | | | |
| 5. Trouble remembering things | 42.3 | 39.8 | 54.4** |
| 15. Blocked in getting things done | 35.7 | 65.6** | 52.7** |
| 26. Double-check what you do | 28.2 | 36.0* | 46.7** |
| 27. Difficulty making decisions | 28.8 | 29.1 | 40.2** |
| 32. Mind going blank | 15.8 | 23.4** | 34.0** |
| 36. Trouble concentrating | 27.2 | 36.6** | 43.1** |
| Interpersonal Sensitivity | | | |
| 20. Feelings easily hurt | 37.4 | 38.9 | 39.4 |
| 21. Feeling that people are unfriendly | 13.2 | 16.0 | 23.9** |
| 22. Feeling inferior | 15.8 | 24.1** | 26.2** |
| 42. Feeling very self-conscious | 21.3 | 37.5** | 34.6** |
| Depression | | | |
| 9. Thoughts of ending life | 3.0 | 9.8** | 13.6** |
| 16. Feeling lonely | 24.9 | 47.1** | 41.7** |
| 17. Feeling blue | 32.6 | 56.3** | 45.1** |
| 18. Feel no interest in things | 19.3 | 37.7** | 35.7** |
| 35. Feeling hopeless about future | 18.2 | 34.7** | 35.7** |
| 50. Feelings of worthlessness | 11.3 | 30.3** | 29.3** |
| Anxiety | | | |
| 1. Nervous or shakiness inside | 39.4 | 48.9** | 41.5 |
| 12. Suddenly scared for no reason | 8.6 | 17.0** | 18.4** |
| 19. Feeling fearful | 14.5 | 32.2** | 26.3** |
| 38. Feeling tense | 47.8 | 53.5 | 51.2 |
| 45. Spells of terror or panic | 5.8 | 16.7** | 20.1** |
| 49. Feeling restless | 23.3 | 52.2** | 38.4** |
| Hostility | | | |
| 6. Easily annoyed | 56.8 | 65.8** | 60.1 |
| 13. Temper outbursts | 25.3 | 30.3 | 29.5 |
| 40. Urges to beat or harm someone | 7.4 | 15.1** | 18.6** |
| 41. Urges to break things | 10.7 | 19.6** | 22.4** |
| 46. Frequent arguments | 17.7 | 30.3** | 30.1** |
| Phobic Anxiety | | | |
| 8. Afraid in open spaces | 11.3 | 22.9** | 23.9** |
| 28. Afraid to travel | 7.5 | 23.8** | 18.1** |
| 31. Having to avoid things, places, etc. | 10.2 | 24.6** | 27.5** |
| 43. Feeling uneasy in crowds | 9.3 | 38.8** | 31.7** |
| 47. Nervous when left alone | 10.0 | 24.1** | 17.3** |
| Paranoid Ideation | | | |
| 4. Others to blame for troubles | 14.9 | 23.7** | 23.9** |
| 10. Feel people cannot be trusted | 27.4 | 35.5* | 42.1** |
| 24. Feeling watched or talked about | 13.1 | 38.2** | 36.3** |
| 48. Others not giving credit | 26.7 | 22.0 | 33.2* |
| 51. Feeling people will take advantage | 30.4 | 42.2** | 47.9** |
| Psychoticism | | | |
| 3. Someone else controls your thoughts | 6.9 | 10.3* | 11.0* |
| 14. Feeling lonely with people | 10.9 | 38.5** | 35.4** |
| 34. Idea you should be punished | 33.5 | 22.3* | 23.7* |
| 44. Never feeling close to another | 9.6 | 22.2** | 25.8** |
| 53. Something wrong with mind | 5.8 | 16.0** | 24.3* |
| Additional Items | | | |
| 11. Poor appetite | 11.1 | 37.0** | 19.5** |
| 25. Trouble falling asleep | 31.3 | 69.9** | 51.2** |
| 39. Thoughts of death or dying | 19.9 | 26.0* | 26.3* |
| 52. Feelings of guilt | 68.2 | 27.5** | 27.2** |

§N = 420 includes subjects who completed a BSI at three and twenty-four months after injury.
*p = 0.05; **p = 0.001.

TABLE E-2 Percent of Patients Who Screened Positive for a Psychological Disorder at Two Years After Injury
by Selected Personal and Injury Characteristics§

| Characteristic | N | Psychological Disorder Likely (N = 191) |
|---|-----|--|
| A. Sociodemographics | | |
| Age | | |
| 15-24 | 100 | 36.0% ** |
| 25-54 | 311 | 47.9% |
| ≥55 | 41 | 14.6% |
| Gender | | |
| Male | 337 | 41.8% |
| Female | 115 | 43.5% |
| Race | | |
| White | 337 | 37.4% ** |
| Nonwhite | 115 | 56.5% |
| Education | | |
| <High school | 119 | 48.7% * |
| High school graduate | 181 | 45.9% |
| Some college | 152 | 32.9% |
| Poverty Status | | |
| Poor | 158 | 50.6% * |
| Near poor | 90 | 44.4% |
| Non poor | 204 | 34.8% |
| Baseline Health Insurance† | | |
| None | 145 | 49.0% * |
| Public | 32 | 53.1% |
| Private | 243 | 37.5% |
| B. Preinjury Health and Habits | | |
| Self-Reported Health† | | |
| Excellent-good | 411 | 41.1% |
| Fair-poor | 40 | 52.5% |
| Pre-existing Medical Condition | | |
| No | 249 | 38.6% |
| Yes | 203 | 46.8% |
| Limitations of activities of daily living | | |
| No | 425 | 40.9% * |
| Yes | 27 | 63.0% |
| Smoking Status† | | |
| Never; quit; <10 cigarettes per day | 331 | 40.5% |
| ≥10 cigarettes per day | 120 | 46.7% |
| Drinking Problem (SMAST)† | | |
| No problem; possible problem | 318 | 39.0% * |
| Likely problem | 123 | 49.6% |
| Use of Hard Drugs Within Past Year† | | |
| No | 410 | 39.5% ** |
| Yes | 40 | 67.5% |
| C. Personality Traits | | |
| Conscientiousness† | | |
| Very low-average | 336 | 41.7% |
| High-very high | 111 | 43.2% |
| Agreeableness† | | |
| Very low-average | 364 | 41.5% |
| High-very high | 83 | 44.6% |
| Openness† | | |
| Very low-average | 376 | 40.4% |
| High-very high | 71 | 50.7% |
| Extroversion† | | |
| Very low-average | 250 | 39.6% |
| High-very high | 197 | 45.2% |
| Neuroticism† | | |
| Very low-average | 300 | 38.7% * |
| High-very high | 147 | 49.0% |
| Self-Efficacy at Baseline† | | |

| | | |
|-----------------------------------|-----|----------|
| Low (0-49) | 149 | 52.4% ** |
| Medium (50-74) | 139 | 46.0 |
| High (≥75) | 157 | 31.2% |
| D. Social Resources | | |
| Marital Status | | |
| Married | 171 | 40.9% |
| Widowed/divorced/separated | 106 | 49.1% |
| Never married | 175 | 39.4% |
| Social Support† | | |
| Very low to low (<120) | 112 | 50.9% * |
| Medium to high (≥120) | 333 | 39.0% |
| E. Present Physical Health | | |
| Physical SIP at 24 Months | | |
| 0-5 | 217 | 22.1% ** |
| 6-10 | 84 | 40.5% |
| 11-15 | 44 | 63.6% |
| ≥16 | 107 | 75.7% |
| F. Injury and Leg Injury Severity | | |
| Injury Severity Score† | | |
| 1-12 | 270 | 44.4% |
| ≥13 | 136 | 39.7% |
| Likelihood of Amputation | | |
| 0-5% | 203 | 40.9% |
| 6-12% | 85 | 44.7% |
| 13-44% | 80 | 40.0% |
| ≥45% | 84 | 45.2% |
| Type of Injury | | |
| Traumatic amputation | 32 | 37.5% |
| Grade 3C tibia fracture | 42 | 52.4% |
| Grade 3B tibia fracture | 164 | 41.5% |
| Dysvascular injury | 19 | 36.8% |
| Soft tissue injury | 61 | 36.1% |
| Foot/ankle/pilon | 107 | 43.9% |
| Grade 3A tibia fracture | 27 | 48.2% |
| G. Hospital Treatment | | |
| Amputation | 120 | 44.2% |
| Reconstruction | 332 | 41.6% |

* p = 0.05; **p = 0.001; †missing data. §All subjects who completed a BSI at twenty-four months after injury (N = 452).