

TABLE E-1 Demographic and Outcome Data for Shock Wave Group

| Case        | Sex | Age (yr) | Occupation    | Athlete | Duration of Nonunion (mo) | Healed in 3 Mo | Healed in 6 Mo | Additional Surgery | Complications | Duration of Follow-up (mo) |
|-------------|-----|----------|---------------|---------|---------------------------|----------------|----------------|--------------------|---------------|----------------------------|
| 1           | F   | 55       | Cleaning      | N       | 11                        | Y              | Y              | N                  | Petechiae     | 111                        |
| 2           | M   | 57       | Metal worker  | N       | 17                        | Y              | Y              | N                  | N             | 105                        |
| 3           | M   | 22       | Technician    | Soccer  | 12                        | Y              | Y              | N                  | N             | 104                        |
| 4           | F   | 41       | Cleaning      | N       | 15                        | N              | Y              | N                  | N             | 102                        |
| 5           | M   | 23       | Student       | Soccer  | 6                         | Y              | Y              | N                  | N             | 100                        |
| 6           | F   | 61       | Homemaker     | N       | 12                        | Y              | Y              | N                  | N             | 91                         |
| 7           | M   | 24       | Banker        | Y       | 12                        | N              | N              | N                  | N             | 91                         |
| 8           | M   | 60       | Retiree       | N       | 8                         | Y              | Y              | N                  | N             | 77                         |
| 9           | F   | 60       | Retiree       | N       | 9                         | Y              | Y              | N                  | N             | 77                         |
| 10          | M   | 21       | Office worker | N       | 6                         | Y              | Y              | N                  | N             | 77                         |
| 11          | F   | 56       | Real estate   | N       | 6                         | Y              | Y              | N                  | N             | 67                         |
| 12          | M   | 17       | Student       | N       | 7                         | Y              | Y              | N                  | N             | 61                         |
| 13          | M   | 23       | Student       | Soccer  | 13                        | Y              | Y              | N                  | N             | 60                         |
| 14          | M   | 33       | Entrepreneur  | N       | 9                         | Y              | Y              | N                  | N             | 59                         |
| 15          | F   | 21       | Butcher       | N       | 9                         | Y              | Y              | N                  | N             | 40                         |
| 16          | F   | 78       | Retiree       | N       | 39                        | Y              | Y              | N                  | N             | 39                         |
| 17          | M   | 39       | Bricklayer    | N       | 7                         | N              | N              | N                  | N             | 39                         |
| 18          | F   | 61       | Office worker | N       | 6                         | Y              | Y              | N                  | N             | 39                         |
| 19          | M   | 23       | Carpenter     | N       | 12                        | Y              | Y              | N                  | N             | 38                         |
| 20          | F   | 45       | Homemaker     | N       | 7                         | Y              | Y              | N                  | N             | 32                         |
| 21          | M   | 48       | Technician    | N       | 6                         | Y              | Y              | N                  | N             | 37                         |
| 22          | M   | 54       | Office worker | N       | 6                         | Y              | Y              | N                  | N             | 35                         |
| 23          | F   | 60       | Caretaker     | N       | 5                         | Y              | Y              | N                  | N             | 6                          |
| Mean        |     | 42.7     |               |         | 10.4                      |                |                |                    |               | 64.7                       |
| Stand. dev. |     | 18.0     |               |         | 7.0                       |                |                |                    |               | 29.6                       |

TABLE E-2 Demographic and Outcome Data for Fixation Group

| Case        | Sex | Age (yr) | Occupation | Athlete    | Duration of Nonunion (mo) | Healed in 3 Mo | Healed in 6 Mo | Additional Surgery | Complications                | Duration of Follow-up (mo) |
|-------------|-----|----------|------------|------------|---------------------------|----------------|----------------|--------------------|------------------------------|----------------------------|
| 1           | F   | 70       | Retiree    | N          | 4                         | Y              | Y              | Hardware removal   | Hardware removal             | 23                         |
| 2           | F   | 78       | Retiree    | N          | 4                         | Y              | Y              | Hardware removal   | Hardware removal             | 24                         |
| 3           | F   | 37       | Disabled   | N          | 13                        | N              | N              | Hardware removal   | Hardware removal             | 56                         |
| 4           | F   | 36       | Cleaning   | N          | 4                         | Y              | Y              | N                  | N                            | 6                          |
| 5           | M   | 46       | Laborer    | N          | 4                         | Y              | Y              | Hardware removal   | Hardware removal, cellulitis | 24                         |
| 6           | M   | 70       | Retiree    | N          | 4                         | N              | N              | Hardware removal   | Hardware removal             | 6                          |
| 7           | F   | 64       | Disabled   | N          | 4                         | Y              | Y              | N                  | N                            | 8                          |
| 8           | F   | 28       | Janitor    | N          | 4                         | Y              | Y              | N                  | N                            | 6                          |
| 9           | M   | 19       | Farmer     | Basketball | 6                         | Y              | Y              | N                  | N                            | 18                         |
| 10          | F   | 19       | Student    | N          | 8                         | Y              | Y              | N                  | N                            | 20                         |
| 11          | F   | 21       | Student    | Soccer     | 6                         | Y              | Y              | Hardware removal   | Hardware removal, refracture | 24                         |
| 12          | M   | 24       | Police     | N          | 6                         | Y              | Y              | Hardware removal   | Hardware removal             | 18                         |
| 13          | F   | 51       | Secretary  | N          | 9                         | Y              | Y              | N                  | N                            | 18                         |
| 14          | M   | 22       | Student    | Jogger     | 6                         | Y              | Y              | N                  | N                            | 16                         |
| 15          | M   | 37       | Laborer    | Soccer     | 6                         | Y              | Y              | N                  | N                            | 16                         |
| 16          | F   | 46       | Homemaker  | N          | 8                         | Y              | Y              | N                  | N                            | 20                         |
| 17          | M   | 48       | Disabled   | N          | 9                         | Y              | Y              | Hardware removal   | Hardware removal             | 18                         |
| 18          | M   | 25       | Sales      | N          | 6                         | Y              | Y              | N                  | N                            | 18                         |
| 19          | F   | 48       | Bookkeeper | N          | 6                         | Y              | Y              | Hardware removal   | Hardware removal             | 18                         |
| 20          | F   | 27       | Laborer    | N          | 6                         | Y              | Y              | N                  | N                            | 16                         |
| Mean        |     | 40.8     |            |            | 6.2                       |                |                |                    |                              | 18.7                       |
| Stand. dev. |     | 18.6     |            |            | 2.3                       |                |                |                    |                              | 10.6                       |