

TABLE E-1 Literature Review Addressing Clinical Outcomes of Patients with Gouty Ankle Osteoarthritis Treated with Total Ankle Replacement or Ankle Fusion

| Author(s)                       | Year | Patients |           | Procedure  | Results   |
|---------------------------------|------|----------|-----------|--|---|
|                                 |      | All      | With Gout |  |   |
| Said et al. <sup>12</sup>       | 1978 | 36       | 1         | Ankle fusion   | Successfully fused  |
| Swärd et al. <sup>13</sup>      | 1992 | 18       | 1         | Posterior internal compression arthrodesis of the ankle                | Successfully fused  |
| Kitaoka et al. <sup>14</sup>    | 1992 | 26       | 1         | Revision of ankle fusion nonunion with external fixation               | Successfully fused, very good clinical and subjective results |
| Wang <sup>15</sup>              | 1998 | 5        | 1         | Arthroscopic ankle arthrodesis   | Successfully fused  |
| Rowan and Davey <sup>16</sup>   | 1999 | 33       | 1         | Ankle arthrodesis using an anterior AO T plate                         | Successfully fused  |
| Weber et al. <sup>17</sup>      | 2002 | 6        | 1         | Tibiocalcaneonaviculocuboid arthrodesis                                | Successfully fused  |
| Mendicino et al. <sup>18</sup>  | 2004 | 20       | 2         | Tibiototalcalcaneal arthrodesis with retrograde intramedullary nailing | Successfully fused  |
| Kopp et al. <sup>19</sup>       | 2004 | 46       | 1         | Ankle arthrodesis (chevron technique)                                  | Successfully fused  |
| Wroslavsky et al. <sup>20</sup> | 2006 | 9        | 1         | Mini-arthrotomy ankle arthrodesis                                      | Successfully fused  |
| Kopp et al. <sup>21</sup>       | 2006 | 41       | 1         | Total ankle replacement using Agility prosthesis                       | Favorable clinical outcome, good patient satisfaction         |