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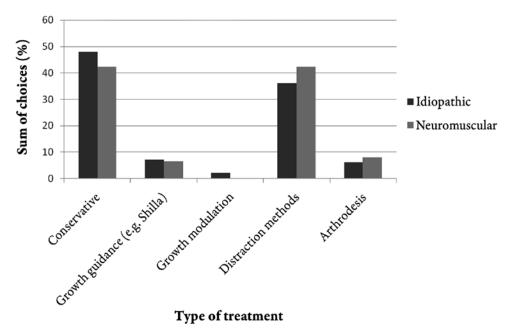


Fig. E-1

Distribution of treatment choices selected in Early-Onset Scoliosis Treatment Preference Survey for idiopathic and neuromuscular scoliosis case scenarios.

TABLE E-1 Case Scenarios That Did and Did Not Have Treatment Consensus and the Type of Treatment(s) Preferred

| TABLE E-1 Case Scenarios That Did and Did Not Have | | |
|---|-------------------------|--|
| Case Scenario Characteristics | Treatment Consensus | Treatment Uncertainty* |
| Idiopathic scoliosis | | |
| Age of 1, 2, 3, 6, or 9 yr and Cobb angle of 30° | Conservative | |
| Age of 2, 3, 6, or 9 yr; Cobb angle of 60° or 90° ; | Distraction | |
| and 15° or 30° curve progression in last 6 mo | | |
| Age of 6 or 9 yr, Cobb angle of 60°, and 15° or | Spine-based distraction | |
| 30° curve progression in last 6 mo | | |
| Age of 1 or 2 yr and Cobb angle of 60° or 90° | | Casting or bracing (75%) |
| Age of 2, 3, 6, or 9 yr; Cobb angle of 60°; and no | | Conservative or distraction methods |
| curve progression in last 6 mo | | (80%) |
| Age of 2 or 3 yr and Cobb angle of 90° | | Rib or spine-based distraction (100%) |
| Age of 9 yr and Cobb angle of 90° | | Distraction or arthrodesis (75%) |
| Neuromuscular scoliosis | | |
| Age of 2, 3, 6, or 9 yr and Cobb angle of 30° | Conservative | |
| Age of 2, 3, 6, or 9 yr; Cobb angle of 30°; and no | Observation | |
| curve progression or respiratory involvement | | |
| Age of 3, 6, or 9 yr; Cobb angle of 60° or 90°; 30° | Distraction (rib-based | |
| curve progression in last six months; normokyphosis; | distraction for those | |
| and no respiratory involvement | with 60° curves) | |
| Age of 3, 6, or 9 yr; Cobb angle of 30°; 15° or 30° | | Observation or bracing (71.4%) |
| of progression in last 6 mo; and respiratory | | - |
| involvement | | |
| Age of 3, 6, or 9 yr; Cobb angle of 60°; no or 15° | | Conservative or distraction methods |
| curve progression in last 6 mo; and kyphosis | | (91.7%) |
| Age of 3, 6, or 9 yr; Cobb angle of 90°; 30° of | | Rib or spine-based distraction (81.8%) |
| curve progression in last 6 mo; and high rather than | | |
| low muscle tone | | |
| Age of 9 yr, Cobb angle of 90°, and respiratory | | Distraction or arthrodesis (100%) |
| involvement | | |

^{*}Percent of case scenarios with the listed characteristics of the two specified treatment choices.