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**APPENDIX 1: Survey**

**We are conducting a research study on the handedness of orthopaedic surgeons and trainees, and invite you to participate by completing this brief online survey. We deeply appreciate your participation. Your completion of the survey will serve as your consent to be in this research study. Thank you.**

**1. Your sex**

* **Male**
* **Female**

**2. Your level of training**

* **Resident**
* **Fellow**
* **Attending**

***[Question 3 is for those who answered “fellow” or “attending” to question 2]***

**3. Your subspecialty**

* **Arthroplasty**
* **Foot and ankle**
* **General practice**
* **Hand**
* **Pediatrics**
* **Shoulder and elbow**
* **Spine**
* **Sports medicine**
* **Trauma**
* **Tumor**

***[Question 4 is for those who answered “attending” to question 2]***

**4. Please characterize your current practice:**

* **Private/community**
* **Academic/university**
* **Military**

**5. Which hand do you currently write with?**

* **Primarily left**
* **Primarily right**
* **Ambidextrous**

***[Questions 6–8 are for those who answered “primarily left” to question 5]***

**6. Do you have left-handed surgical instruments available to you?**

* **Yes**
* **No**
* **Unsure**

**7. Overall, how do you perceive being left-handed in a surgical field?**

* **Advantageous**
* **Disadvantageous**
* **Neutral**

**8. Do you feel that instruments made for right-hand use (e.g., needle driver, scissor) are inherently more challenging for you to use?**

* **Yes**
* **No**

***[Question 9 is for those who answered “primarily right” to question 5]***

**9. Overall, how do you perceive being right-handed in a surgical field?**

* **Advantageous
Disadvantageous
Neutral**

**10. Which hand do you currently cut with (holding scalpel/cautery)?**

* **Primarily left**
* **Primarily right**
* **Ambidextrous**

**11. Which hand do you currently suture with (holding needle driver)?**

* **Primarily left**
* **Primarily right**
* **Ambidextrous**

**12. Have you ever considered/tried changing your handedness for surgery?**

* **Yes**
* **No**

**13. Have you ever received laterality-specific training for psychomotor skills?**

* **Yes**
* **No**

***[Question 14 is for those who answered “yes” to question 13]***

**14. Please elaborate:**

**15. Have you ever encountered difficulty being trained (learning) due to a difference in handedness between yourself and the trainer?**

* **Yes**
* **No**

***[Question 16 is for those who answered “yes” to question 15]***

**16. Please elaborate:**

**17. Have you ever encountered difficulty training (teaching) due to a difference in handedness between yourself and the trainee?**

* **Yes**
* **No**

***[Question 18 is for those who answered “yes” to question 17]***

**18. Please elaborate:**

**19. Do you feel there is a need for formal laterality-specific training in surgical residency?**

* **Yes**
* **No**

**20. Please share any additional comments here:**