**SUPPLEMENTAL DIGITAL CONTENT**

**Supplemental Table 3. Relationship between inclusion of Foundational Ultrasound Topics, Basic MSKUS Concepts, and Diagnostic Joint and Nerve Studies in MSKUS+ Curricula.** Means provide percentage of foundational topics covered among programs that do (“Yes”) or do not (“No”) also cover basic MSKUS concepts and diagnostic MSKUS procedures. Foundational topics included ultrasound physics, machine operation, and imaging protocols.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Foundational Ultrasound Topics (%)** | | | | |
|  |  | **N** | **Mean** | **SD** | | **t** | **p** |
| **Basic MSKUS Concepts** | | | | | | | |
| Tissue characteristics | Yes | 33 | 77.9 | | 27.6 | 3.93 | <.001 |
| No | 2 | 0 | | 0 |
| Joint Injection | Yes | 31 | 78.57 | | 27.66 | 2.844 | .008 |
| No | 4 | 33.93 | | 44.18 |
| Perineural Injection | Yes | 19 | 84.59 | | 21.46 | 2.378 | .024 |
| No | 13 | 59.89 | | 37.29 |
| **Diagnostic Joint Studies** | | | | | | | |
| Shoulder | Yes | 33 | 77.9 | 27.6 | | 3.93 | <.001 |
| No | 2 | 0 | 0 | |
| Elbow | Yes | 31 | 77.9 | 27.6 | | 3.93 | <.001 |
| No | 2 | 0 | 0 | |
| Wrist | Yes | 30 | 80.95 | 26.08 | | 3.47 | .002 |
| No | 4 | 30.38 | 37.96 | |
| Hip | Yes | 29 | 81.28 | 26.34 | | 3.79 | .001 |
| No | 4 | 26.79 | 32.14 | |
| Knee | Yes | 31 | 77.88 | 28.53 | | 2.86 | .007 |
| No | 3 | 26.19 | 45.36 | |
| Ankle | Yes | 29 | 80.54 | 26.44 | | 3.05 | .005 |
| No | 4 | 33.93 | 11.18 | |
| **Diagnostic Nerve Studies** | | | | | | | |
| Median | Yes | 32 | 79.02 | 27.33 | | 3.94 | <.001 |
| No | 3 | 14.29 | 24.74 | |
| Ulnar | Yes | 28 | 82.40 | 26.40 | | 3.86 | .001 |
| No | 6 | 34.52 | 33.02 | |
| Radial | Yes | 23 | 85.40 | 22.43 | | 3.87 | .001 |
| No | 10 | 45.00 | 37.20 | |
| Sciatic | Yes | 21 | 89.13 | 18.13 | | 6.70 | <.001 |
| No | 11 | 42.14 | 36.49 | |
| Tibial | Yes | 23 | 89.13 | 18.13 | | 4.98 | <.001 |
| No | 10 | 42.14 | 36.49 | |
| Fibular (peroneal) | Yes | 24 | 84.52 | 22.36 | | 3.32 | .002 |
| No | 10 | 48.57 | 40.80 | |
| Axillary | Yes | 7 | 97.96 | 3.49 | | 2.41 | .023 |
| No | 21 | 63.95 | 36.80 | |
| Musculocutaneous | Yes | 12 | 94.64 | 6.90 | | 2.96 | .006 |
| No | 19 | 61.65 | 37.96 | |
| Brachial plexus | Yes | 6 | 96.43 | 3.91 | | 1.92 | .066 |
| No | 24 | 67.88 | 35.99 | |
| Phrenic | Yes | 5 | 97.20 | 7.65 | | 1.86 | .073 |
| No | 26 | 39.61 | 35.62 | |
| Pudendal | Yes | 0 | 0 | 0 | | \* | \* |
| No | 30 | 71.67 | 34.31 | |

\* A zero value for the “Yes” group makes statistical testing not possible.