**S2 Table: Results from US elasticity imaging**

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| --- | --- | --- | --- |
| **Phantom Number** | **Cure Time (sec)** | **Shear Wave Velocity (m/s)** | **Young’s Modulus (kPa)** |
| **12** | 5 | 1.6±0.1 | 7.6±0.7 |
| 7.5 | 2.2±0.1 | 14.3±0.8 |
| 10 | 2.3±0.1 | 15.2±0.7 |
| 12.5 | 2.3±0.1 | 15.6±0.6 |
| **13** | 8 | 4.9±0.1 | 72.9±1.1 |
| 12 | 6.2±0.1 | 115.3±1.1 |
| 17 | 6.3±0.1 | 118.9±0.8 |
| 20 | 6.4±0.1 | 123.6±0.9 |
|  | **Imaging Angle** | **Shear Wave Velocity (m/s)** | **Young’s Modulus (kPa)** |
| **14** | 0º | 2.6±0.1 | 20.3±0.7 |
| 45º | 2.5±0.04 | 18.6±0.5 |
| 90º | 2.3±0.03 | 15.6±0.4 |