

Materials List for

Pedicle Screw Placement Using an Augmented Reality Head-Mounted Display in a Porcine Model

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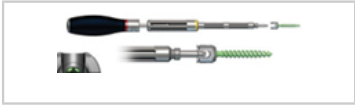
DOI

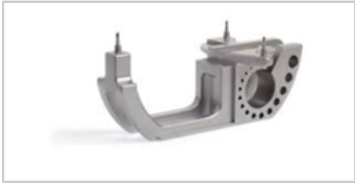

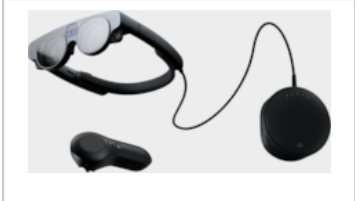

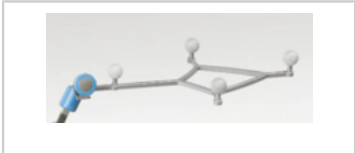
10.3791/64474


URL

jove.com/video/64474

Materials

| Name | Company | Catalog Number | Comments |
|--|---------------|----------------|--|
| Instrument tracking array spine & trauma 4-marker | Brainlab | | |
| Curve Navigation System | Brainlab | | Navigation System  |
| Disposable clip-on remote control | Brainlab | | SmartClip |
| Drill guide tube, handle with marker spheres, drill guide depth control insertable, drill bits | Brainlab | | Drill guide and accessories |
| Expedium | DePuy Synthes | | Screwdriver  |
| Instrument calibration matrix | Brainlab | | Instrument Calibration Matrix |

| | | | |
|--|-----------------|--|--|
| | | |  |
| Loop-X | Brainlab | | <p>CBCT scanner</p>  |
| Magic Leap 2 | Magic leap Inc. | | <p>Mixed Reality headset</p>  |
| Navigation pointer spine | Brainlab | | <p>Navigation Pointer</p>  |
| Spine reference array for reference clamp carbon (4-Sphere Geometry) | Brainlab | | <p>Spine Reference Array</p>  |
| Spine reference clamp carbon with slider | Brainlab | | <p>Spine Reference Clamp</p> |

| | | | |
|---|----------|--|---|
| | | |  |
| TruSystem 7500 | Trumpf | | Operating table |
| Software | | | |
| Mixed Reality Spine Navigation App for Magic Leap | Brainlab | | Run on Curve Navigation System Version: 2.0 |
| PDM | Brainlab | | Run on Curve Navigation System Version: 4.2 |
| Spine & Trauma Instrument Setup | Brainlab | | Run on Curve Navigation System Version: 6.2 |
| Spine & Trauma Navigation 2.0 | Brainlab | | Run on Curve Navigation System Version: 1.6 |