

Materials List for

# Quantitative Measure of Lung Structure and Function Obtained from Hyperpolarized Xenon Spectroscopy

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jove.com/video/66038

## Materials

| Name                            | Company                | Catalog Number | Comments                               |
|---------------------------------|------------------------|----------------|----------------------------------------|
| Bi-directional Pneumotach       | B&B Medical AccutachTM |                |                                        |
| Chest Vest Coil                 | Clinical MR Solutions  |                | Adult Size                             |
| Face Mask                       | Hans Rudolph           | 7450           |                                        |
| Matlab                          | Mathworks              | Release 2018a  | Optimization Toolbox required          |
| Physiological Monitoring System | BIOPAC Systems Inc     |                |                                        |
| Tedlar Bag                      | Jensen Inert Products  |                | 250-mL and 500-mL; specialised PVF bag |
| Xenon Polarizer                 | Xemed LLC              | X-box E10      |                                        |
| Whole-body MRI Scanner          | Siemens                | 1.5 T Avanto   |                                        |