Set up the phantom according to the ADNI instruction manual.

Use the electronic ADNI protocol that has been loaded on your scanner.

**NOTE:** The "adni" pulse sequence used for series 2 and 3 is a works in progress pulse sequence that ADNI sites obtain from GE Healthcare.

<table>
<thead>
<tr>
<th>SERIES</th>
<th>coil</th>
<th>scan plane mode</th>
<th>IMAGING PARAMETERS</th>
<th>ACQUISITION TIMING</th>
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<tbody>
<tr>
<td>1.</td>
<td>HEAD</td>
<td>3-plane</td>
<td>matrix/nex</td>
<td>256 / 128 / 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Whole Body gradient)</td>
<td>fov (cm) slice/space</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SAT</td>
<td>autoshim</td>
<td>5 / 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>On</td>
</tr>
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</table>

**IMAGING PARAMETERS ACQUISITION TIMING**

**SERIES**

**coil**

**scan plane mode**

**scan time**

**ACQUISITION TIMING**

**2.** Sag QC MPRAGE

**coil**

**head**

**scan plane mode**

**scan time**

**ACQUISITION TIMING**

**IMAGING PARAMETERS ACQUISITION TIMING**

**SERIES**

**coil**

**scan plane mode**

**scan time**

**ACQUISITION TIMING**

**3.** Sag QC MPRAGE

**coil**

**head**

**scan plane mode**

**scan time**

**ACQUISITION TIMING**

**ADDITIONAL PARAMETERS**

**flip angle**

**bw1/bw2**

**scan time**

**SCANNING RANGE**

**#echos**

**te**

**Prep time**

**image opts.**

**psd name**

**Sag**

**3D ( ZOOM gradient)**

**SPGR**

**EDR, IrPrep, Fast adni**

**Filter Choices = none**

**swap fat chem shift = 1**

**mprage mode = 1**

**TD or mprageTR=3000**

**td or mprageTR=3000**

**notes**

**comments**

Cover the phantom

**ADDITIONAL PARAMETERS**

**flip angle**

**bw1/bw2**

**scan time**

**SCANNING RANGE**

**bw1/bw2**

**scan time**

**SCANNING RANGE**

**bw1/bw2**

**scan time**

**notes**

**comments**

Cover the phantom