

**Table of the Typical Appearances of Some Tissues in  
Different Image Weighting**

<b>Tissue Type</b>	<b>Weighting</b>		
	<b>Proton Density</b>	<b>T1-Weighted</b>	<b>T2-Weighted</b>
<b>Fat</b>	<b>Bright</b>	<b>Bright</b>	<b>Gray</b>
<b>Cortical Bone</b>	<b>Dark</b>	<b>Dark</b>	<b>Dark</b>
<b>Blood (fast flow)</b>	<b>Dark</b>	<b>Dark</b>	<b>Dark</b>
<b>Edema</b>	<b>Bright/Gray</b>	<b>Gray/Dark</b>	<b>Bright</b>
<b>Protein</b>	<b>Bright/Gray</b>	<b>Bright</b>	<b>Bright</b>
<b>Cerebral Spinal Fluid</b>	<b>Gray</b>	<b>Dark</b>	<b>Bright</b>
<b>Gray Matter</b>	<b>Isointense</b>	<b>Gray</b>	<b>Gray</b>
<b>White Matter</b>	<b>Gray/Dark</b>	<b>Bright</b>	<b>Dark</b>
<b>Spinal Cord</b>	<b>Intermediate Gray</b>	<b>Intermediate Gray</b>	<b>Gray</b>
<b>Vertebral Body</b>	<b>Intermediate Gray</b>	<b>Intermediate Gray</b>	<b>Intermediate Gray</b>
<b>Intervertebral Disk</b>	<b>Light gray</b>	<b>Gray</b>	<b>Bright</b>
<b>Meniscus</b>	<b>Dark</b>	<b>Dark</b>	<b>Dark</b>
<b>Ligament/Tendon</b>	<b>Dark</b>	<b>Dark</b>	<b>Dark</b>
<b>Hyaline Articular Cartilage</b>	<b>Bright</b>	<b>Bright</b>	<b>Gray</b>
<b>Fibrous Tissue (scar)</b>	<b>Dark</b>	<b>Dark</b>	<b>Dark</b>
<b>Muscle</b>	<b>Intermediate Gray</b>	<b>Intermediate Gray</b>	<b>Intermediate Gray</b>
<b>Bone Marrow</b>	<b>Intermediate Gray</b>	<b>Intermediate Gray</b>	<b>Intermediate Gray</b>
<b>Air</b>	<b>Dark</b>	<b>Dark</b>	<b>Dark</b>

