Philips RF coils bring out the best in your MR system. The SENSE Knee coil enables dedicated, high resolution imaging of the left or right knee. Its high in-plane spatial resolution helps to visualize fine cartilage structures and small ligaments, essential for advanced knee imaging. The coil is fully SENSE and CLEAR compatible. SENSE RF channel optimization provides up to 15% extra signal-to-noise ratio. Advanced imaging techniques like asymmetric TSE combined with SPAIR allow excellent fat suppression and resolution with this coil. The coil can be slightly rotated, relative to its base plate. This simplifies the coil set up and enhances patient comfort.
Features

• Split-coil design for easy positioning, coil with 8 elements
• Compatibility SW Release: R1
• Maximum SENSE factor: 8*
• Hardware configuration: 8-channel and higher RF platform
* SENSE factor 8 requires appropriate ScanTools level

PDW a-TSE showing ACL lesion, 0.4 x 0.6 x 3.0 mm, 24 slices in 4:05 min
(Courtesy: IRM des Sources, Lyon, France)

T2W SPAIR aTSE using SENSE, 0.5 x 0.58 x 4.0 mm, 30 slices in 3:53 min
(Courtesy: IRM des Sources, Lyon, France)

Cartilage defect visualization with SENSE PDW a-TSE, 0.3 x 0.4 x 3.0 mm, 24 slices in 2:25 min

SENSE 3D m-FFE showing meniscal tear, 0.6 x 0.7 x 1.0 mm, 75 slices in 4:30 min

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Printed in The Netherlands
4522 962 31771/781 © APR 2008

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