

Parto Resaneh

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بسم الله الرحمن الرحيم

فایل ضمیمه آموزش مبانی MRI-قسمت ۴

کاری از کیانوش حسینی

تمامی حقوق این اثر برای پرتو رسانه محفوظ است. (۱۳۹۶)

تصاویر این ضمیمه از کتاب MRI In Practice اخذ شده است.

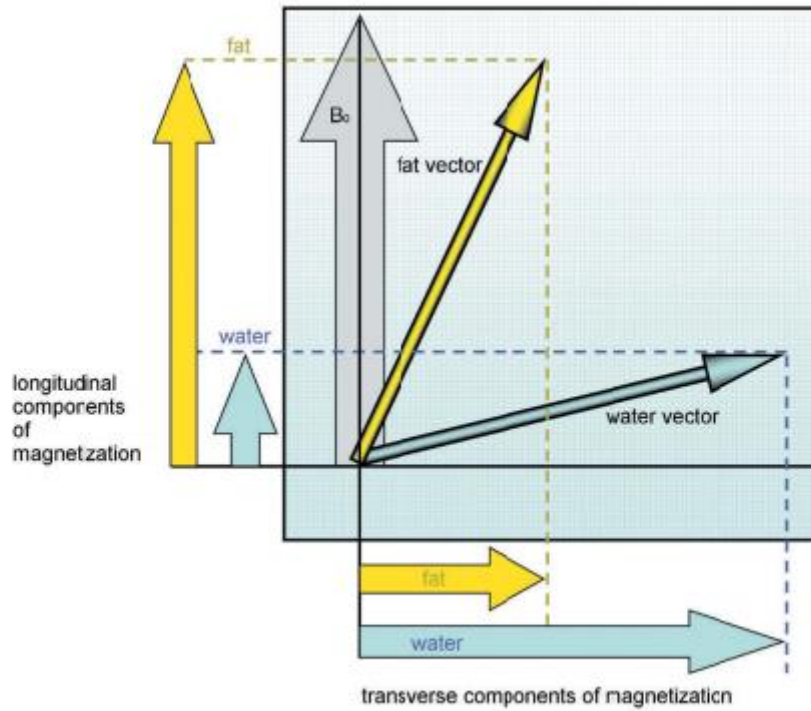
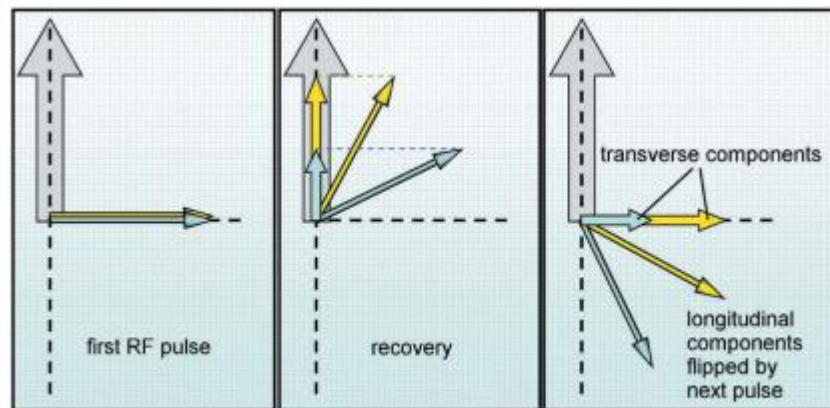
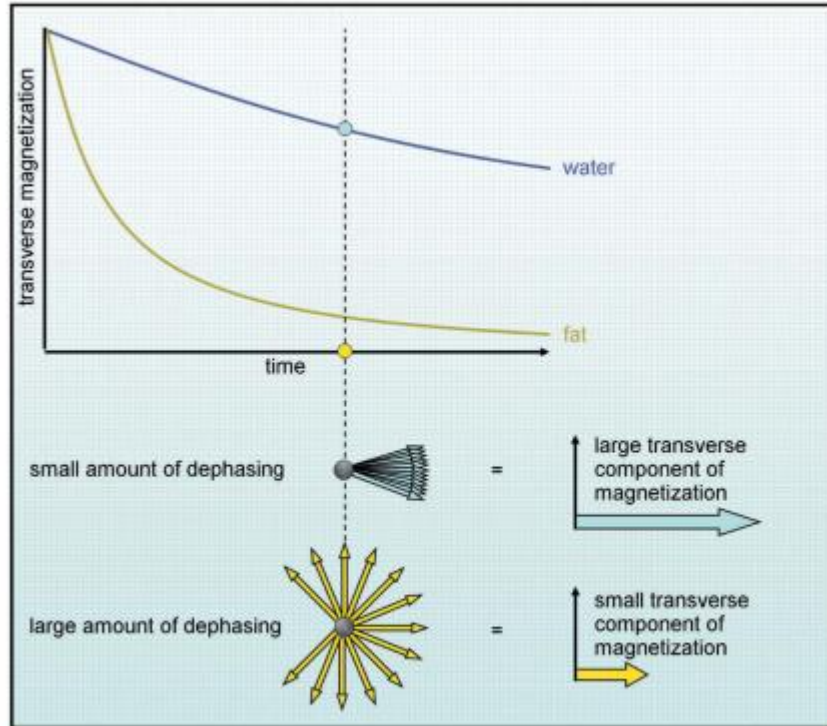


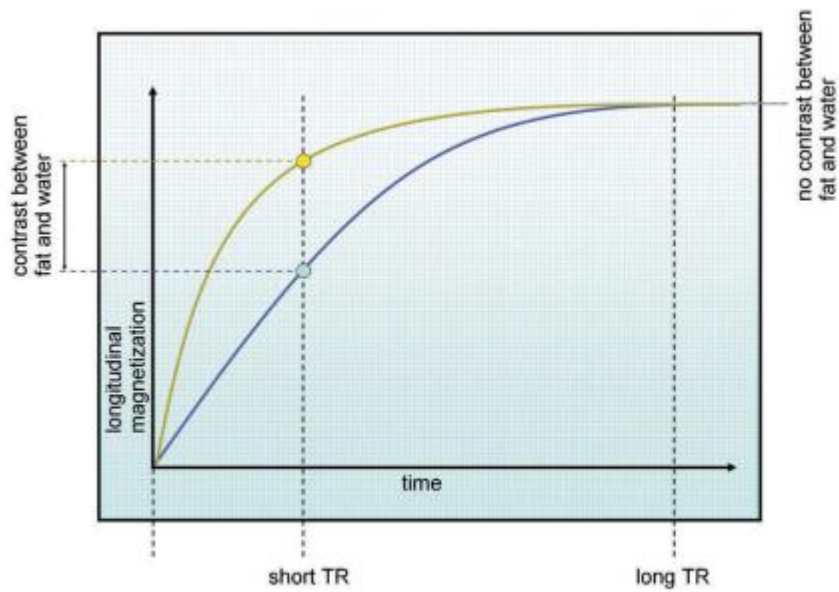
Figure 2.1 The magnitude of transverse magnetization vs amplitude of signal.



T1 contrast generation.



T₂ contrast generation.



The T₁ differences between fat and water.

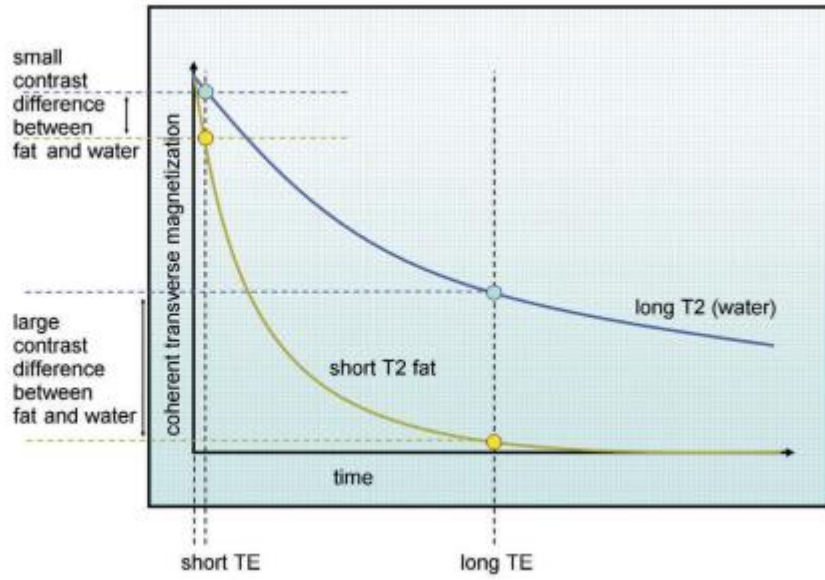


Figure 2.9 The T₂ differences between fat and water.

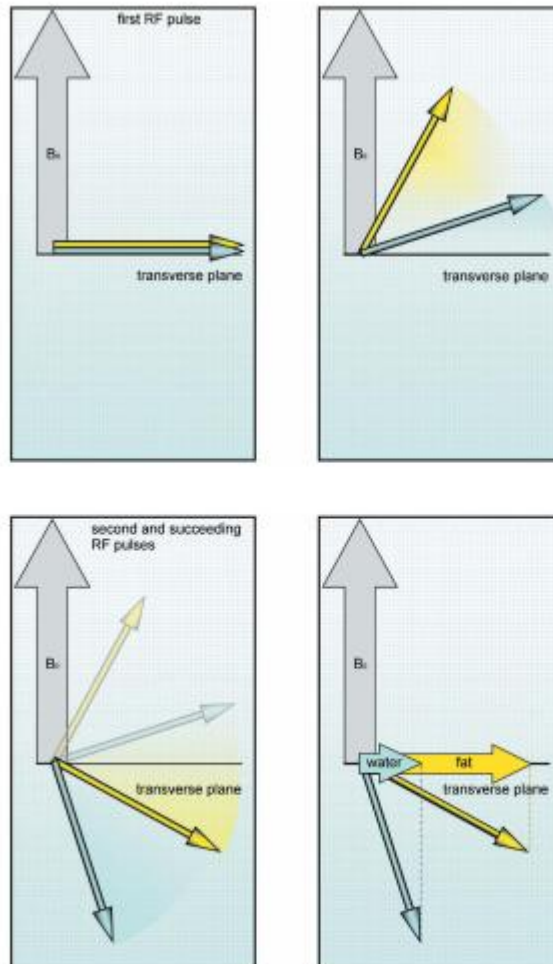


Figure 2.13 Saturation with a short TR.

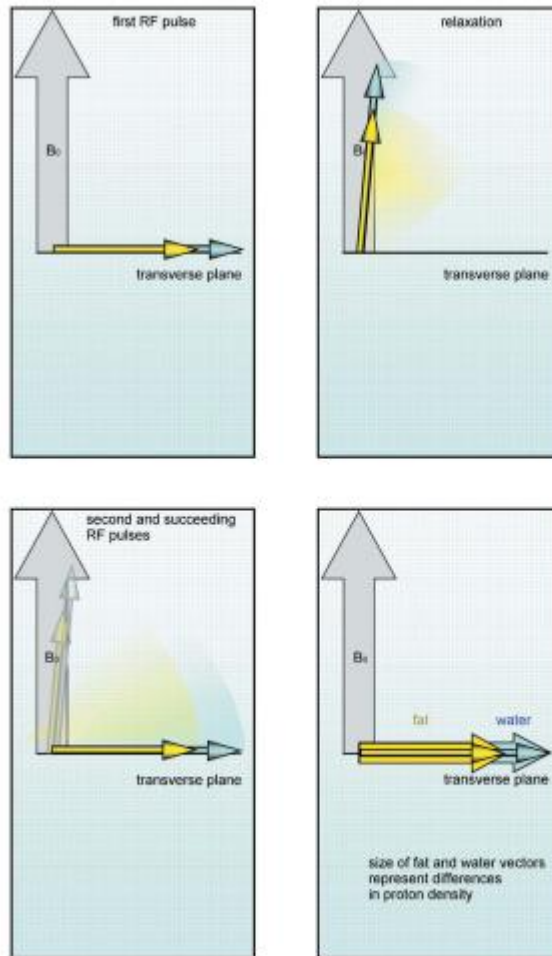


Figure 2.14 No saturation with a long TR.

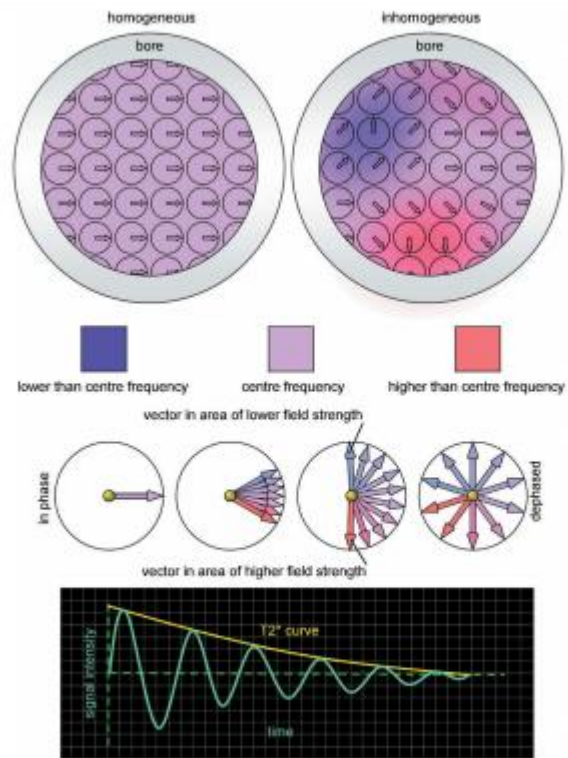


Figure 2.15 T2* decay and field inhomogeneities.