What is MRI?

Non-invasive method to form a picture of the anatomy but also physiology of processes in the body, better contrast of soft tissues

Anatomy：解剖学

2. 

（1）anisotropic diffusion: restrict the movement direction of water

(2) isotropic diffusion: no restriction

Measures the restricted diffusion of water molecules in tissue

Maps the structure of fiber tracts to model brain connectivity

3. fMRI, watching brain activity in real time

Principle: fMRI detects blood flow and Blood oxygenation level.



