



IN THE SCANNER, ALL THESE PROTONS IN YOUR BODY LINE UP IN THE SAME DIRECTION. PULSES OF RADIO WAVES KNOCK THE PROTONS IN AND OUT OF ALIGNMENT, WHICH SENDS RADIO SIGNALS BACK TO THE SCANNER. THESE SIGNALS TELL THE SCANNER EXACTLY WHERE THE PROTONS IN YOUR BODY ARE.

(H2O). THE HYDROGEN ATOMS CONTAIN PROTONS WHICH ARE LIKE

TINY MAGNETS.

THE COMPUTER IN THE SCANNER CAN USE THIS INFORMATION TO GENERATE AN IMAGE OF THE INSIDE OF YOUR BODY.



YOUR HEART IS PUMPING BLOOD, BUT

THAT DOES MEAN IT'S CONSTANTLY

MOVING GO IT'S DIFFICULT TO GET A
DECENT PICTURE OF IT

AND WE NEED TO TAKE PICTURES

FROM SEVERAL DIFFERENT

ANGLES TO GENERATE A 3D

IMAGE.

I'VE GOT PAINS

IN MY CHEST,

WHAT'S THE

MRI SCAN?

KNOW WHAT

THAT IS.



















