

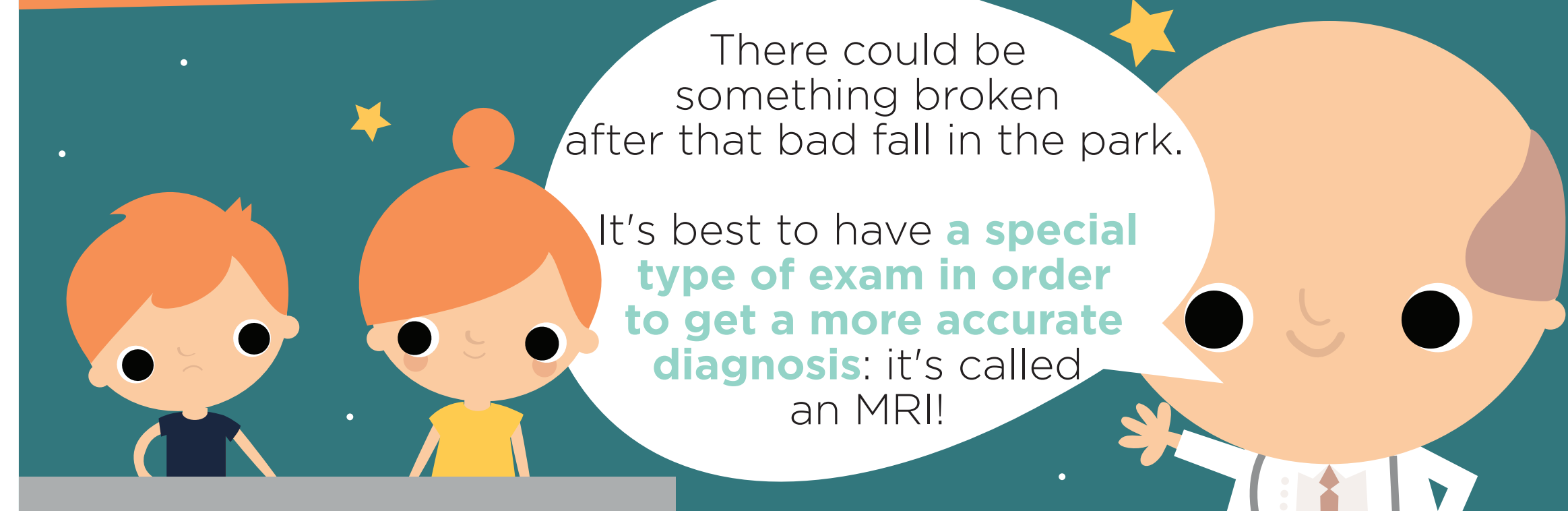
MAGNETIC RESONANCE IMAGING

LET'S FIND OUT WHAT IT IS!

I just had an MRI. It was an incredible experience!

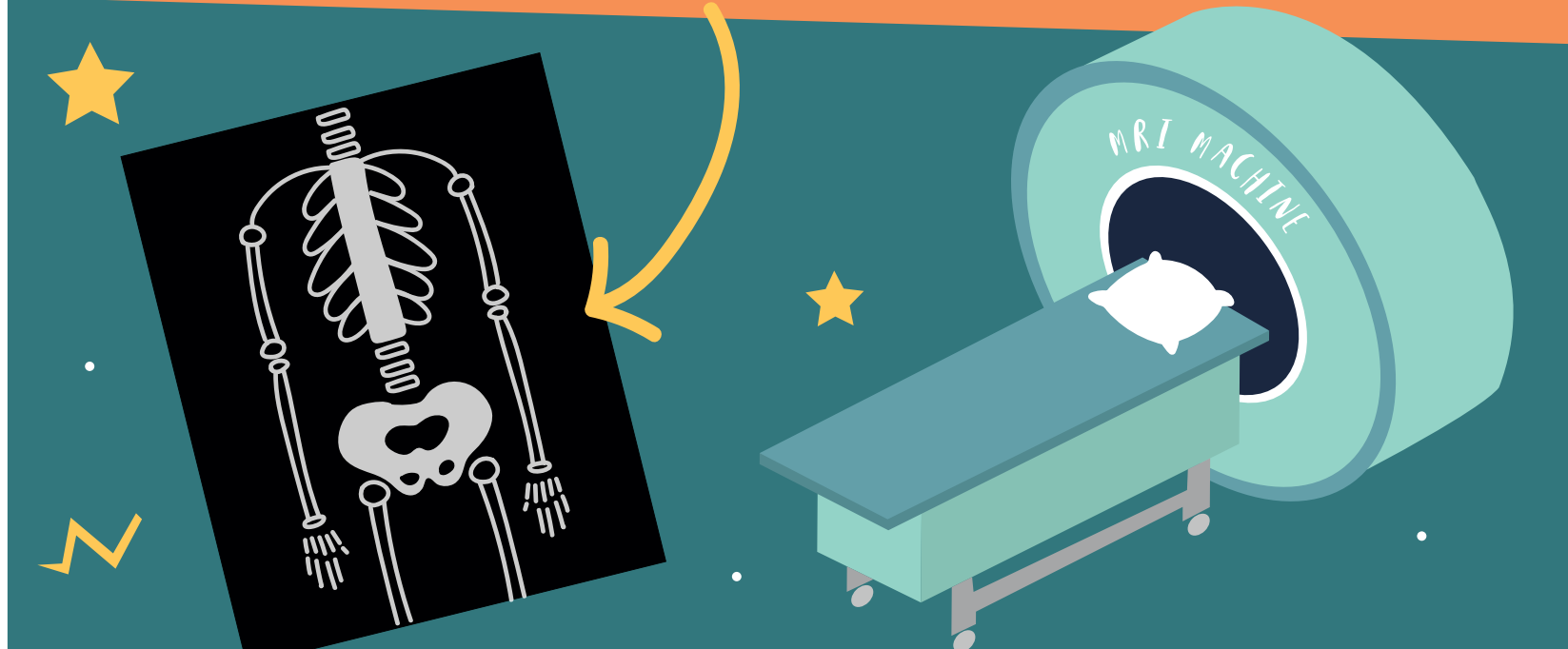


THE DOCTOR IS THE ONE WHO DECIDES WHETHER YOU SHOULD GET AN MRI



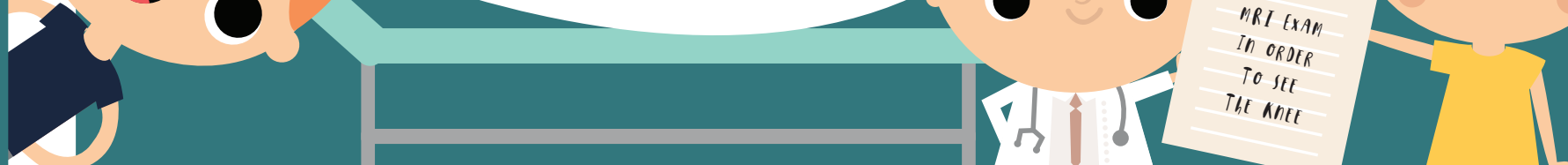
WHAT IS MAGNETIC RESONANCE IMAGING?

Magnetic Resonance Imaging is a type of exam that creates images that show us how we are made inside. It allows us to accurately study certain parts of the human body.



The doctor asked me some questions to make sure that there was no reason why I shouldn't get the exam.

My mom filled out the exam request and the form that gave permission for the exam to be done.



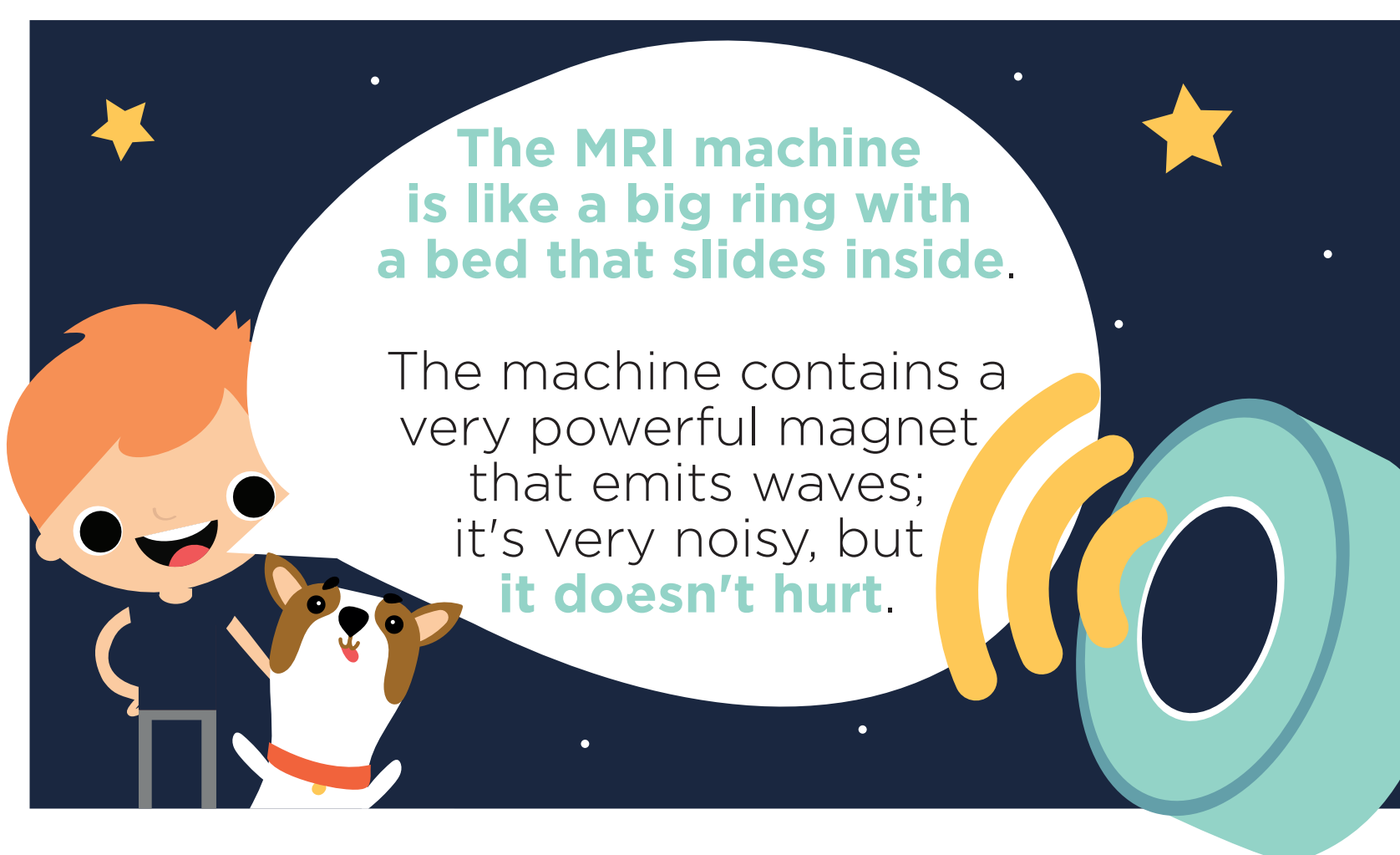
And so I went to the place where I would get the MRI. You should have seen it! It was like a spaceship!

I've never heard of an MRI. How does it work?

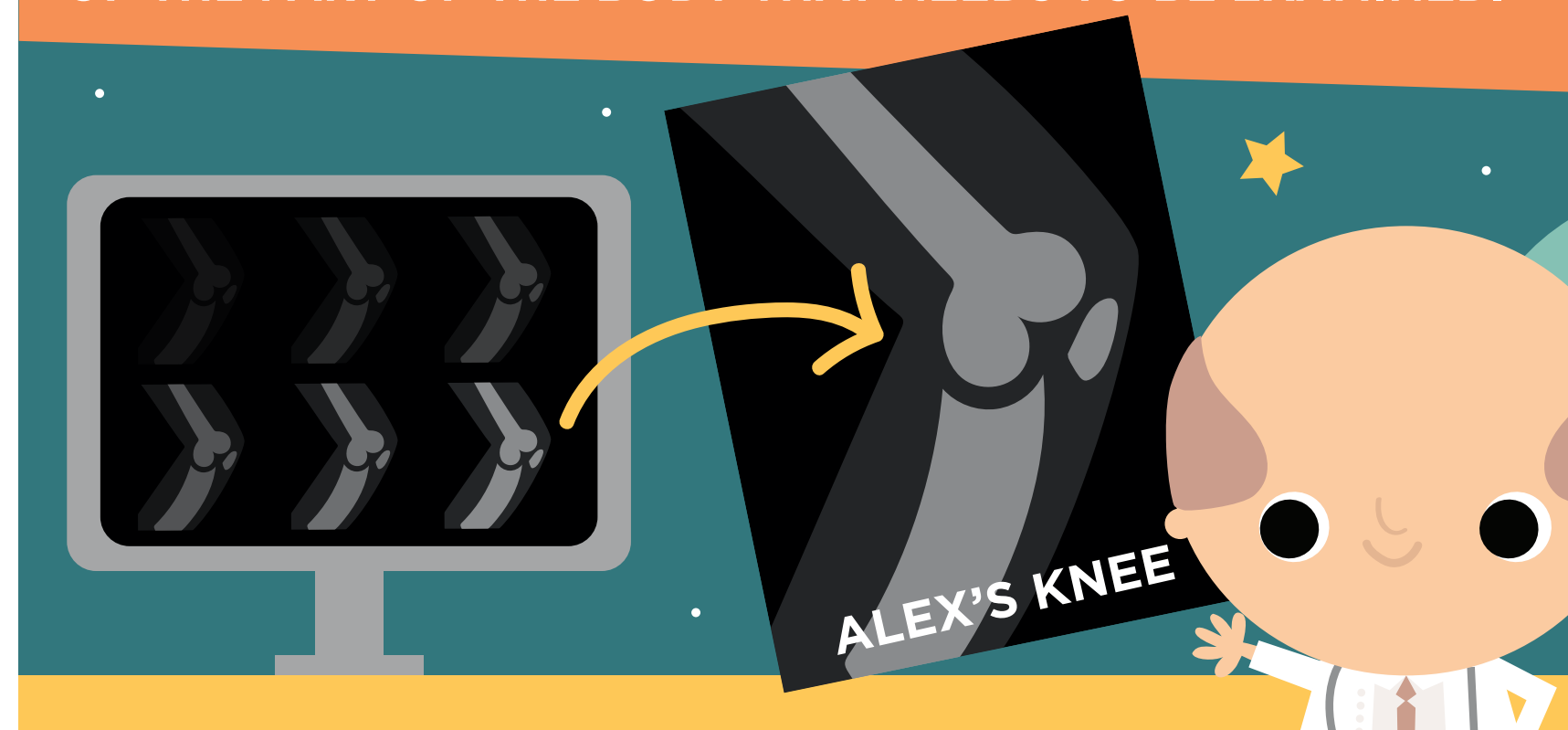


The MRI machine is like a big ring with a bed that slides inside.

The machine contains a very powerful magnet that emits waves; it's very noisy, but it doesn't hurt.



A COMPUTER TRANSFORMS THE WAVES INTO IMAGES OF THE PART OF THE BODY THAT NEEDS TO BE EXAMINED.



IN SOME CASES, A CONTRAST AGENT IS USED

In certain cases, your vein may be prepped for an injection before starting the exam so that the contrast agent may be administered during the exam.

However, this is only performed in special cases when it is necessary to get more detail about the part of the body being examined.

MRI is SAFE because it doesn't use ionizing radiation. The contrast agent is also safe.



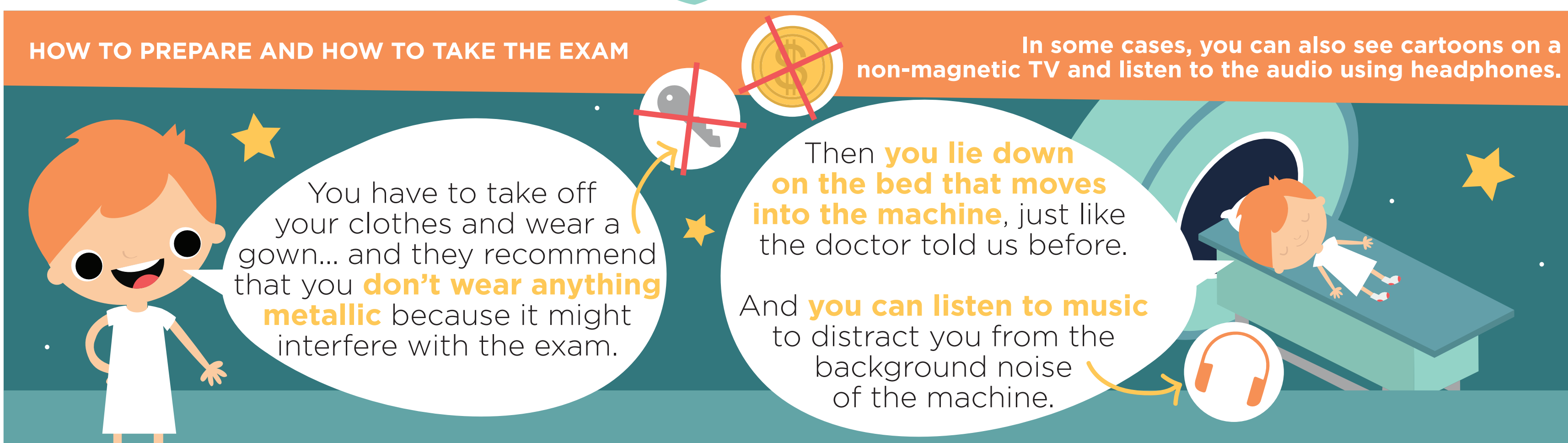
HOW TO PREPARE AND HOW TO TAKE THE EXAM

In some cases, you can also see cartoons on a non-magnetic TV and listen to the audio using headphones.

You have to take off your clothes and wear a gown... and they recommend that you **don't wear anything metallic** because it might interfere with the exam.

Then you lie down on the bed that moves into the machine, just like the doctor told us before.

And you can listen to music to distract you from the background noise of the machine.



Were you afraid?

Does the exam take a long time?

Could anyone be near you?



NO REASON TO BE AFRAID!

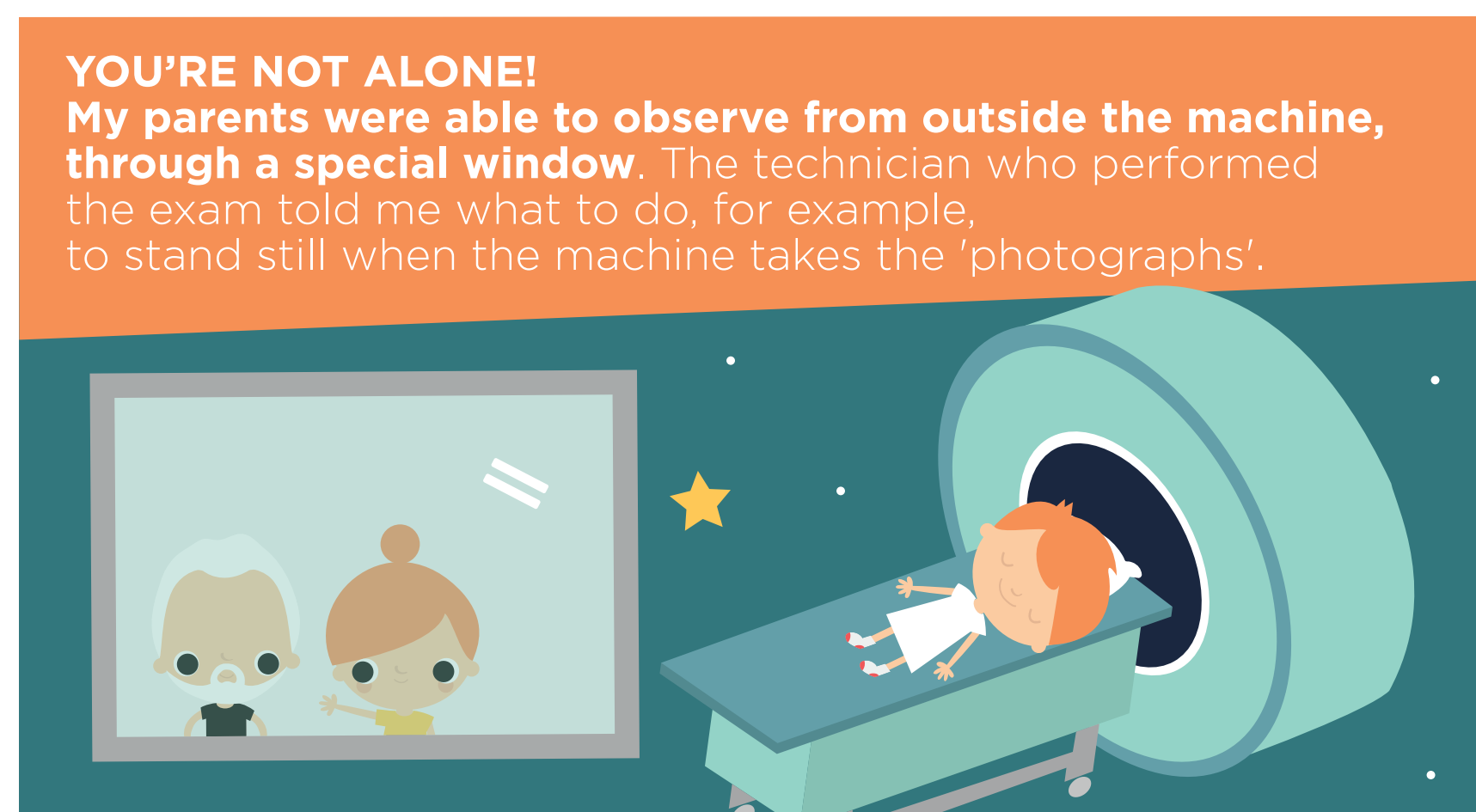
The space inside the MRI machine is a bit small, but it's comfortable enough. You have also a microphone to keep in touch with the medical team.

It was fun... it was like being on a spaceship!



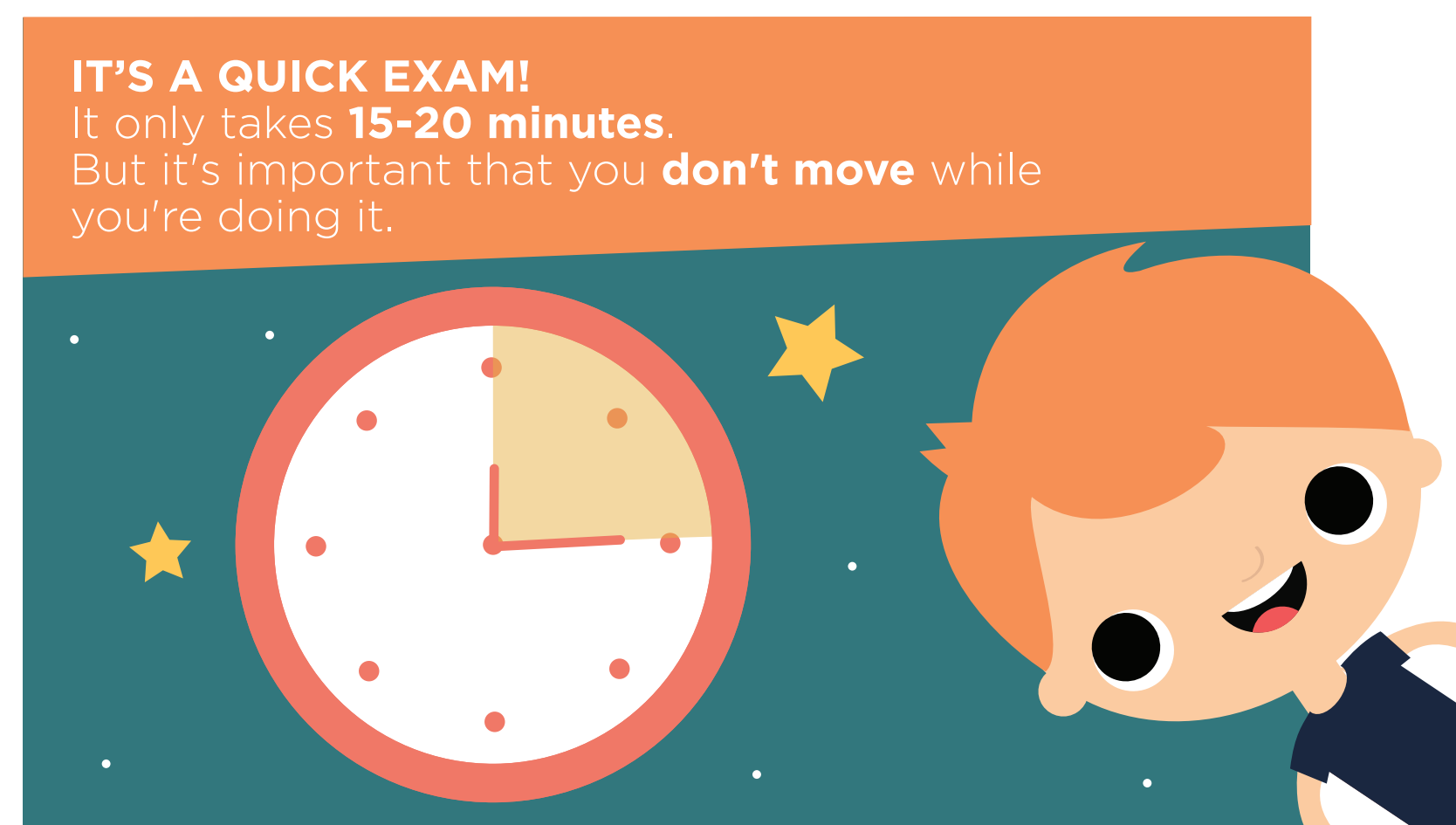
YOU'RE NOT ALONE!

My parents were able to observe from outside the machine, through a special window. The technician who performed the exam told me what to do, for example, to stand still when the machine takes the 'photographs'.



IT'S A QUICK EXAM!

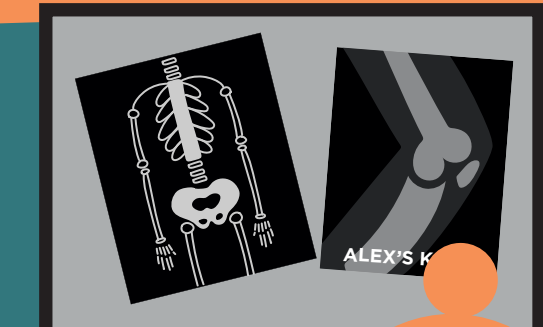
It only takes 15-20 minutes. But it's important that you don't move while you're doing it.



THE IMAGES ARE ANALYZED BY A RADIOLOGIST

Thanks to the precision of these images and the radiologist's report, the doctor will be able to see what happened and what needs to be done.

Let's see... if the limb is broken, it may need to be put in a cast... If it's not broken, you just need to follow my instructions and you can continue on having fun with your friends.



What did you do after?

Fortunately, nothing was broken, and now I can run through the park with you again! Come on, let's go!

