THE LIVER

Which organ have you chosen?

I chose the liver.

Where are you found in the body?

The liver is located under the diaphragm on the right side of the abdomen. It relates to the right kidney, the hepatic flexure of the colon and also with the stomach and duodenum.

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1. **artículo**
   1. the

What do you look like?

Form: compared with the upper half of horizontal ovoid, elongated transversely.  
Color: red brown.  
Consistency: friable (brittle). It consists of a parenchyma, surrounded by a thin fibrous capsule called Glisson's capsule.  
Length: in adults is approximately 26 by 15 cm in anteroposterior, and 8 cm thick at the right lobe.  
Approximate Weight: 2 kg.

Are you alone or do you come in pairs?

It works alone.  
What job do you do?

The liver performs multiple functions in the body such as:  
- Production of bile, the liver excretes bile into the bile duct, and thence to the duodenum. Bile is necessary for the digestion of food.  
- Metabolism of carbohydrates.  
- Lipid Metabolism.  
- Synthesis of proteins such as albumin and lipoproteins;  
- Synthesis of clotting factors such as fibrinogen (I), prothrombin (II), accelerator globulin (V), proconvertin (VII), antihemophilic factor B (IX) and Stuart-Prower factor (X).  
- Detoxification of the blood.  
- Transformation of ammonium to urea.  
- Deposit of multiple substances.  
- In the first trimester of pregnancy, the liver is the principal organ of red blood cell production in the fetus. From week 12 of gestation, the bone marrow takes on this role.

If you stopped working, could the body function without you or could it find a replacement/transplant and keep on going? If so, how?

In the event that the liver fails, this could be transplanted without problems, it could be transplanted in pieces, this piece would regenerate to form a new liver.

Escuchar

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1. **conjunción**
   1. in case that
   2. supposing

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