

# Neurology

## Neurologie

Otevřením Sestry na této straně jste se zároveň stali účastníky páté lekce odborné angličtiny, jejímž tématem je neurologie.

### Vocabulary – Slovníček

automatic [o:tə'mætɪk] – automatický, neuvědomělý  
 blur [blɜː]/blurred/blurry – čmouha, skvrna, rozmazat/rozmazaný/rozmazaně  
 brain [breɪn] – mozek  
 cerebellum [serɪ'beləm] – mozeček  
 cerebrum [serɪbrəm] – mozek  
 decision [dɪ'sɪʒən] – rozhodnutí  
 double [dʌbl] – dvojitý  
 faint/fainting [feɪnt/feɪntɪŋ] – omdlít, slabý/mdloba, omdlévající  
 headache [hedeɪk] – bolest hlavy  
 impulse [ɪmpʌls] – impulz, podnět  
 medulla oblongata [me'dʌlə oblongata] – prodloužená mícha  
 nauseous [no:'sɪəs] – nechutný, působící zvedání žaludku  
 nerve [nɜːv] – nerv  
 nervous system [nɜːvəs sistəm] – nervový systém  
 numbness [nʌmɪs] – otupělost, snížená citlivost  
 organ [o:gən] – orgán  
 prevent [prɪ'vent] – zabránit, zamezit  
 reaction time [ri(:)'ækʃən taɪm] – doba odezvy, reakční čas  
 reality [ri(:)'æləti] – realita  
 reflex [ri:'fleks] – reflex  
 rubber band [rʌbər'bænd] – gumový (pryžový) pás  
 seizure [si:ʒə] – záchvat  
 split-second [splɪt'sekənd] – okamžitý  
 spinal cord [spainl ko:d] – mícha  
 tightness [taɪtnɪs] – tuhost, staženost  
 tongue [tʌŋ] – jazyk  
 unconscious [ʌn'kɒnʃəs] – bezvědomý  
 urinate [juə'reɪnɪt] – močit  
 vision [vɪʒən] – zrak, vidění  
 vomit [vɒmɪt] – zvracet, dávat  
 weakness [wi:knis] – slabost

### The Nervous System – Nervový systém

There are three main parts of the nervous system: the brain, the spinal cord, and the nerves. The brain has three main parts that interact with the nervous system: the cerebrum, the cerebellum, and the medulla oblongata. The cerebrum is responsible for thinking and learning, while the cerebellum manages learned automatic body functions, including walking, jumping, and running. The medulla oblongata processes simple body functions, such as breathing and digestion.

The spinal cord is where reflexes are made. Split-second decisions do not go back to the brain and then back to the organ or body part. This would take too long and the nerve impulse would arrive too late to prevent the stimulus from becoming reality. For

example, if a ball were thrown at a person's head, the reflex to move out of the way would come from the spinal cord, not the brain, increasing reaction time.

### Answer the following questions using words from the text – Zodpovězte otázky s použitím slov z textu

- The three parts of the nervous system are the brain, \_\_\_\_\_, and the nerves.
- When I am learning something new, the part of my brain I am using the most is \_\_\_\_\_.
- The \_\_\_\_\_ is the part of the brain responsible for breathing.
- Split-second decisions come from the \_\_\_\_\_.
- The movements your spinal cord makes are called your \_\_\_\_\_.

### Matching exercise with the possibility to win – Přiřazovací cvičení s možností výhry

The following are some questions a nurse in the neurology department would ask a patient who came to the hospital because of a seizure.

**Directions:** Match the question to the correct answer. Send the right solution together with your address by e-mail to: info@g5plus.com. On June 12, 2007 we will publicly draw 10 winners who will be sent a vitamin package of the 500 CZK value by Walmark copany.

**Pokyny:** Přiřaďte ke každé otázce (viz první oddíl) správnou odpověď (viz druhý oddíl). Zašlete správné řešení spolu s vaší korespondenční adresou e-mailem na: info@g5plus.com. 12. června 2007 veřejně vylosujeme 10 výherců, kteří od společnosti Walmark obdrží vitaminový balíček v hodnotě 500 Kč.

#### Questions:

- Do you get a lot of headaches?
- Did you notice any weakness, tingling, or numbness in your legs?
- Do you often feel like fainting?
- How long were you unconscious?
- Have you had any blurred vision before?
- How is your vision now?
- Do you ever see things double?
- Did you bite your tongue when you fainted?
- Did you urinate yourself?
- How long did your seizure last?

#### Answers:

- No, I never saw double, just blurry.
- I don't think I went unconscious; I think was awake the whole time.
- Yes, I get headaches about once a week.

D. Yes, the blurred vision would usually happen right before I felt faint.

E. No, I didn't notice any problems with my legs.

F. Yes, I did bite my tongue but it wasn't too bad.

G. I'm not sure, I think it was for a few minutes but it felt like forever!

H. Now my vision is fine.

I. Well just recently I started feeling faint, but this is the first time I had a seizure.

J. Fortunately I didn't urinate myself.

### Conversation – Konverzace

Nurse: Tell me, how old are you?

Patient: I'm twenty-nine.

N: How long have you been having these headaches?

P: I've had them for several months.

N: Can you describe the headaches?

P: There's tightness all around my head, like a rubber band is squeezing my head.

N: Does the pain come and go?

P: It never seems to go away completely. Sometimes it's worse than at other times, but it's there most of the time.

N: When you get a headache, does anything else happen?

P: Sometimes I also feel a little nauseous.

N: Do you ever actually vomit?

P: No, I just feel nauseous but fortunately I don't vomit.

N: What do you do about a headache when you get it?

P: Well I've tried to take pills and tablets but it doesn't seem to help.

N: Okay, we're going to do a few tests and see if we can help get rid of those headaches!

### Answer the following questions – Odpovězte na následující otázky

- What do the patient's headaches feel like?
- What other problems does she have when she gets a headache?
- What does the patient usually do when she gets a headache?

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