

Name: _____ Section: _____

Connecting to patients (Published case reports on real people.)

Read the Case Report article in this week's BlackBoard folder. Don't Panic. You are not expected to understand everything in the papers that will be showing up this semester. When outside information is called for, the assignment will include a way to get it.
<http://www.nlm.nih.gov/medlineplus/mplusdictionary.html>

1. Explain the difference between hypotension and hypertension clearly and precisely.

2. How does "postural hypotension" differ from the more general term "hypotension"?

3. Over a fairly long period of trying to figure out what was causing the patient's dizziness, the authors of this report devoted some attention to his brain without any abnormal result. They tried all the following examinations:

- Brain computed tomography (CT) scan
- Brain magnetic resonance imaging
- Positron emission tomography of the brain
- Intravenous digital subtraction angiography of the cerebral vessels

In this particular patient, nothing relevant turned up. However, some brain structures and cranial nerves could (if damaged) produce symptoms of inability to do short-term regulation of blood pressure. For each of the structures listed below, indicate whether or not (yes or no) it contributes meaningfully to blood pressure control. Then, if it does, explain what aspect(s) of its normal function contribute(s) to normal blood pressure regulation.

Vagus Nerves:

Facial Nerves:

Glossopharyngeal nerves:

Thalamus:

Hypothalamus:

Medulla oblongata:

Text in Red

Indicates the infusion of the
Elements of Reasoning

Text in Blue

Indicates the infusion of the
Intellectual Standards

Text in Green

Indicates the infusion of the
Intellectual Traits

[Bracketed Text]

Indicates the indirect use of
critical thinking *[Elements]*,
[Standards], or *[Traits]*

[View more about the Paul-Elder
Framework of Critical Thinking](#)

