

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.

Outside resource suggestion: Medical dictionary at <http://www.medterms.com/script/main/hp.asp>

1. A SEE-I activity can be useful for considering a new concept. It stands for State; Expand, give an Example, and Illustrate (either by analogy or with an actual picture). Here is an example for concordance: Statement: Concordance is possession of the same trait or condition by both members of a pair. Expansion: It could mean both having some trait or both lacking it; the key issue is that the members of the pair are similar. Example: The twins in this case study are concordant for scoliosis because they both have it, even if not to quite the same degree. Illustration (optional today): It's like a team of cart horses being the same color, whatever that may be. (Illustrations are going to be optional because they really help some people, but I don't want to encourage **bad** analogies by forcing you to make **some** analogy no matter how desperate.)

Create your own SEE-(I) for the term idiopathic:

Statement:

Expansion:

Example:

Illustration (optional):

2. In both brothers studied, the authors report normal neurological test results - apparently nervous system function in both boys was normal. What kind of problems do you think the authors might have been concerned about, and why *[Inferences]*?

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](#)

3. What is the difference between monozygotic and dizygotic twins?

4. The authors make the following statement in the discussion: "Monozygotic twins are more often concordant with adolescent idiopathic scoliosis than dizygotic twins". If scoliosis developed only because of exposure to some kind of environmental factor (nutrition, injury, infection, whatever...) how would you expect the pattern of its appearance to be different from what these authors say it is, and why *[Implications]*?