



Anatomy Quiz

by Laura King, MA, ELS

Directions: Edit the following sentences based on your understanding of section 11.6 of the *AMA Manual of Style*.

1. The investigators examined catheter-induced lesions of the right heart.

ANSWER:

The investigators examined catheter-induced lesions of the right side of the heart.

Editor's Note: Authors often err in referring to anatomical regions or structures as the "right heart," "left chest," "left neck," and "right brain." Generally these terms can be corrected by inserting a phrase such as "part of the" or "side of the" (§11.6, *Anatomy*, p 410 in print).

2. In the study patients, lymphocyte-rich exudative pleural effusions normally affected the left chest more than the right chest.

ANSWER:

In the study patients, lymphocyte-rich exudative pleural effusions normally affected the left hemithorax more than the right hemithorax.

Editor's Note: Also acceptable in this example would be "the left side of the chest more than the right side of the chest," although use of the term hemithorax is more succinct (§11.6, *Anatomy*, p 410 in print).

3. Among node-negative (stages I and II) cases, specimen length, tumor size, and right colon location were significantly associated with the node count.

ANSWER:

Among node-negative (stages I and II) cases, specimen length, tumor size, and ascending colon location were significantly associated with the node count.

Editor's Note: Ascending colon *not* right colon is the correct term (§11.6, *Anatomy*, p 410 in print).

4. Mesenteric dissection between the left colon and the colorectal junction was performed close to the colon.

ANSWER:

Mesenteric dissection between the descending colon and the colorectal junction was performed close to the colon.

Editor's Note: Descending colon *not* left colon is the correct term (§11.6, *Anatomy*, p 410 in print).

5. Single-site studies suggest that a 2-week program of constraint-induced movement therapy for patients more than 1 year after stroke who maintain some hand and wrist movement can improve upper arm function that persists for at least 1 year.

ANSWER:

Single-site studies suggest that a 2-week program of constraint-induced movement therapy for patients more than 1 year after stroke who maintain some hand and wrist movement can improve upper extremity function that persists for at least 1 year.

Editor's Note: In this example, most likely the author means upper extremity *not* upper arm. The upper extremity comprises the arm (extending from the shoulder to the elbow), the forearm (from the elbow to the wrist), and the hand. The lower extremity comprises the thigh (extending from the hip to the knee), the leg (from the knee to the ankle), and the foot. Therefore, references to upper and lower arm and upper and lower leg are often redundant or ambiguous. When such references appear in a manuscript, the author should be queried (§11.6, *Anatomy*, p 410 in print).

6. Estrogen also increased activation in the right superior frontal gyrus during retrieval tasks, accompanied by greater left brain activation during encoding.

ANSWER:

Estrogen also increased activation in the right superior frontal gyrus during retrieval tasks, accompanied by greater left hemisphere activation during encoding.

Editor's Note: The terms right brain and left brain are incorrect. Instead the terms right hemisphere and left hemisphere should be used and the author queried (§11.6, *Anatomy*, p 410 in print).



7. Bone mineral density was measured at the lumbar spine, thigh neck, and total hip.

ANSWER:

Bone mineral density was measured at the lumbar spine, femoral neck, and total hip.

Editor's Note: *Where appropriate, use specific anatomical descriptors, for example, femoral neck not thigh neck (§11.6, Anatomy, p 410 in print).*

8. Chronic polyps were found in the proximal section of the small intestine between the duodenum and the ileum.

ANSWER:

Chronic polyps were found in the proximal jejunum.

Editor's Note: *Where appropriate, use specific anatomical descriptors, for example, proximal jejunum not "proximal section of the small intestine between the duodenum and the ileum" (§11.6, Anatomy, p 410 in print).*

9. The radiograph revealed that the lower part of the radius was fractured.

ANSWER:

The radiograph revealed that the distal radius was fractured.

Editor's Note: *Where appropriate, use specific anatomical descriptors, for example, distal radius not "lower part of the radius" (§11.6, Anatomy, p 410 in print).*

10. The physician examined the patient's lower extremities, legs, and feet.

ANSWER:

The physician examined the patient's lower extremities.

Editor's Note: *The lower extremity comprises the thigh (extending from the hip to the knee), the leg (from the knee to the ankle), and the foot. Therefore, mention of the legs and feet is redundant (§11.6, Anatomy, p 410 in print).*