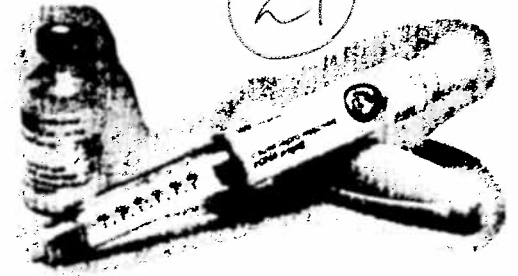


21



# Reteaching Activity 14-4

## Fill in the Blank Pgs. 458-463

Directions: Use the words in the word box to fill in the blanks of the explanations of diabetes and arthritis below. Some words may be repeated.

When you eat, your body breaks down the food you eat into a form of sugar called (1) \_\_\_\_\_. Then, your body uses the glucose for (2) \_\_\_\_\_. The insulin that your (3) \_\_\_\_\_ has produced regulates the level of glucose in your blood and helps it get into your cells for energy. If a person has type 1 diabetes, he or she does not have the (4) \_\_\_\_\_ he or she needs for the glucose to get into his or her cells. If a person has type 2 diabetes, he or she has (5) \_\_\_\_\_, but it does not do its job and glucose stays in the person's blood. Since diabetes cannot be (6) \_\_\_\_\_, people with diabetes must manage the disease. They may have to inject (7) \_\_\_\_\_ or take medications. Often, people with type 2 diabetes can control their disease by eating a (8) \_\_\_\_\_ and doing regular (9) \_\_\_\_\_ to maintain a healthy weight.

- swelling
- cured
- insulin
- glucose
- energy
- pancreas
- healthful diet
- physical activity
- joints
- low-impact
- rheumatoid arthritis

Another disease that affects millions of people is arthritis. Arthritis is a disease of the (10) \_\_\_\_\_ that is characterized by (11) \_\_\_\_\_ and stiffness. There are two main types of arthritis: osteoarthritis and (12) \_\_\_\_\_. To manage arthritis sufferers must balance times of rest with (13) \_\_\_\_\_ activity.

**Lesson 4**

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**Activity 68**

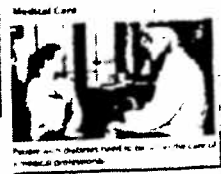
Use with Chapter 14, Lesson 4

**Managing Diabetes and Arthritis**

Pgs. 458-463

Identify each term in the column on the right by matching it with the correct description in the column on the left. Write the letter of the term in the space provided.

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>_____ 1. A disease that prevents the body from converting food into energy.</p> <p>_____ 2. The body turns food into this form of sugar.</p> <p>_____ 3. Between 90 and 95 percent of people with diabetes have this type.</p> <p>_____ 4. A disease of the joints marked by painful swelling and stiffness.</p> <p>_____ 5. People develop this when their immune systems attack healthy joint tissue.</p> <p>_____ 6. The most common form of arthritis.</p> <p>_____ 7. A symptom of juvenile rheumatoid arthritis.</p> <p>_____ 8. Insulin is manufactured here.</p> | <p>a. osteoarthritis</p> <p>b. arthritis</p> <p>c. glucose</p> <p>d. rheumatoid arthritis</p> <p>e. diabetes</p> <p>f. high fevers</p> <p>g. pancreas</p> <p>h. type 2</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Answer the following questions about diabetes and arthritis. Write your answers on the lines provided.

9. Explain how type 1 and 2 diabetes differ in relation to insulin.

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10. List some ways to effectively manage diabetes.

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11. Explain a difference between osteoarthritis and rheumatoid arthritis in relation to the joints.

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