

Overview:

Dr. Timothy Jordan and Dr. Amy Thompson, Co-Directors of the Center for Health and Successful Living at the University of Toledo, deliver their talk, “The Latest On Breast Cancer and Cervical Cancer” at St. Luke’s Hospital. Data regarding both types of cancer is presented.

Summary:

In the excerpt, “Risk Factors for Breast Cancer,” Dr. Timothy Jordan discusses reasons why the number of women with cervical cancer, once one of the most common causes of death, have now lessened as detection and prevention methods improve. He notes that breast cancer is the most commonly diagnosed cancer. Dr. Amy Thompson provides insights on common myths and risk factors related to breast cancer. Each seeks to raise awareness concerning these diseases, including early detection measures.

ODE 9-12 STANDARD 1: Health; Topic 1, Reproductive Systems and Cycles; Topic 2, Nutrition; Topic 3, Exercise and Lifestyle Choices

ODE 9-12 STANDARD 2: Science; Course, Human Anatomy and Physiology; Topic, APR.1: Reproductive System

ODE 9-12 STANDARD 3: Science; Course, Biology; Section, B.H. Heredity, Topic 1, B.H.1, 2, 3, 4, 5 Cellular genetics, inheritance and mutations; Topic 2, B.C. Cells 1, 2 Cell structure, function and processes

Discussion Questions:

1. What are some methods for cancer detection?
2. What steps can individuals take to prevent different types of cancers?

Activity:

1. Research the major types of cancer: carcinoma, sarcoma, melanoma, lymphoma, and leukemia. Note differences and similarities.
2. Research images of healthy cells and cancerous cells, then illustrate the differences. Be sure to include cellular structures like chromatins, nucleus, nucleolus, and the cytoplasm. Next, in a paragraph, describe the differences between your illustrations. Check answers here: <https://visualsonline.cancer.gov/details.cfm?imageid=2512>

Resources:

Testimonial from a cancer survivor and oncologist about the importance of supportive doctor/patient relationships:

<https://wgte.pbslearningmedia.org>

Causes of Cancer: <https://wgte.pbslearningmedia.org>

What is Cancer: <https://wgte.pbslearningmedia.org>

