



Virtual Learning

Medical Interventions Cancer Treatment

April 20, 2020



Medical Interventions

Lesson: April 20, 2020

Objective/Learning Target:

Recognize that chemotherapy and radiation therapy are cancer treatments that work to destroy cancer cells by stopping or slowing their growth; both treatments can cause negative side effects to the patient. (3.3.1)



Let's Get Started:

1. Watch this [video](#) that describes how to make decisions about cancer treatment.
2. Think about how you would communicate to someone who is about to make a decision regarding cancer treatment. What do you need to know?



Let's Get Started: **Answer**

1. Watch this [video](#) that describes how to make decisions about cancer treatment.
2. Think about how you would communicate to someone who is about to make a decision regarding cancer treatment. What do you need to know?
 - a. You need to be informed about all of the options available, including how the treatment is performed, goals, and any possible side effects



Lesson Activity

Use the information from the [NIH website](#) to complete the table below over cancer treatments in your notebook.

| Cancer Treatment | Definition | Description of Treatment | When commonly used | Reasons for recommending | Possible side effects |
|----------------------|------------|--------------------------|--------------------|--------------------------|-----------------------|
| Surgery | | | | | |
| Chemotherapy | | | | | |
| Radiation Therapy | | | | | |
| Immunotherapy | | | | | |
| Targeted Therapy | | | | | |
| Hormone Therapy | | | | | |
| Stem Cell Transplant | | | | | |
| Precision Medicine | | | | | |



Lesson Activity - **Answers**

Use the information from the NIH website to complete the table below over cancer treatments in your notebook.

- Check your answers by viewing this [document](#).



Practice

For each statement, indicate the correct cancer treatment.

1. Takes into account genetics to select treatments most likely to help patients
2. Can be administered to patient either via infusions, pills, shots, creams, etc.
3. Local treatment (only affects region targeted), can treat most cancers/tumors
4. Recommended for patients who have had their blood-forming cells destroyed
5. Removal of the tumor/surrounding tissue during operation



Practice - **Answers**

For each statement, indicate the correct cancer treatment.

1. Precision medicine
2. Chemotherapy
3. Radiation Therapy
4. Stem Cell Transplant
5. Surgery



Additional Practice/Resources

1. Review cancer treatments by viewing these [flashcards](#).
2. Check your understanding by completing this [case study](#) over cancer treatments.
3. Read [this article](#) to learn more about the promise of using immunotherapy to treat cancer.