



1. **Temperature Measurement:** The patient's temperature was measured using a rectal thermometer. The reading was 100.4 °F (38.0 °C). This indicates a fever, which is a common sign of infection.

2. **Physical Examination:** The patient's lungs were clear, and there were no crackles or wheezes. The heart rate was 100 beats per minute, and the blood pressure was 120/80 mmHg. The patient's abdomen was soft, and there were no tenderness or rigidity.

3. **Diagnostic Tests:** A chest X-ray was performed, showing no evidence of pneumonia. A sputum culture was sent to the laboratory, and the results are pending.

4. **Treatment:** The patient was started on intravenous antibiotics (ceftriaxone) and fluids. The patient's condition is being closely monitored, and the temperature is expected to decrease over the next 24 hours.

Hand hygiene is one of the most important ways to prevent infection. It is a simple, effective way to protect yourself and others from germs. Hand hygiene is a key part of preventing the spread of infection in healthcare settings.

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Hand Hygiene and Preventing Infection (www.mskcc.org/cancer-care/patient-education/hand-hygiene-preventing-infection)

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QUESTION

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- **Hand hygiene** is the most effective way to prevent the spread of germs. Wash your hands often with soap and water, for at least 20 seconds. If soap and water are not available, use hand sanitizer (such as Purell®) that contains at least 60% alcohol.
 - **Wash your hands** often with soap and water, for at least 20 seconds. Sing the "Happy Birthday" song twice as a guide for how long to wash.
 - **Use hand sanitizer** if soap and water are not available. Use a product that contains at least 60% alcohol. Rub the sanitizer over all surfaces of your hands until they are completely dry.
- **Wear a mask** when you are around other people and when you are coughing or sneezing.
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- **Allogeneic stem cell transplant** is a procedure that replaces diseased bone marrow with healthy stem cells from a donor. It is used to treat certain types of cancer, such as leukemia, lymphoma, and multiple myeloma. *"Allogeneic stem cell transplant is a complex procedure that involves many steps, from finding a donor to the actual transplant and recovery." Allogeneic Stem Cell Transplant: A Guide for Patients & Caregivers (www.mskcc.org/cancer-care/patient-education/allogeneic-stem-cell-transplantation)-*

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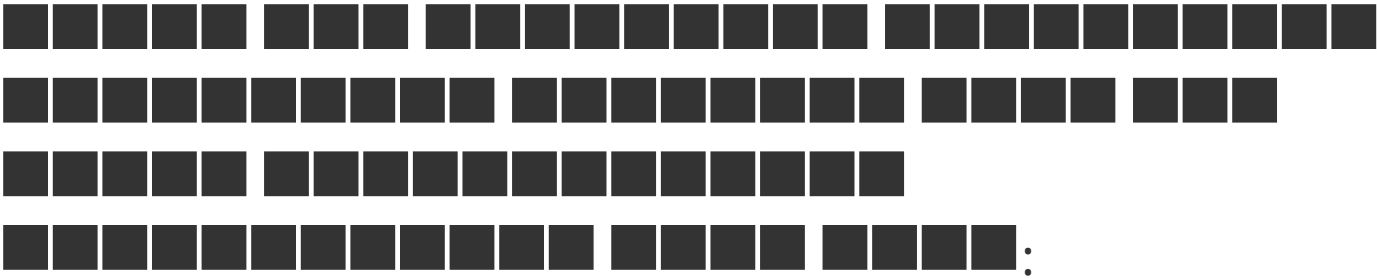
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- **Neutropenia (Low White Blood Cell Count)** is a common side effect of chemotherapy. It can increase your risk of infection. If you have a fever of 100.4°F (38°C) or higher, or if you have any other signs of infection, call your healthcare provider immediately.
- **Neutropenia (Low White Blood Cell Count)** can also cause you to have a higher risk of bleeding. If you have any signs of bleeding, such as nosebleeds, bleeding gums, or blood in your stool, call your healthcare provider immediately.

If you have questions or concerns, contact your healthcare provider. A member of your care team will answer Monday through Friday from 9 a.m. to 5 p.m. Outside those hours, you can leave a message or talk with another MSK provider. There is always a doctor or nurse on call. If you're not sure how to reach your healthcare provider, call 212-639-2000.

For more information, visit www.mskcc.org/pediatric or call 212-639-2000.

Neutropenia (Low White Blood Cell Count) - Last updated on December 11, 2023

Memorial Sloan Kettering Cancer Center