

Technical Report

Submitted to: YOU NAME THE Hospital
Patient Counseling Services
Submitted by: Mrs. Carolyn Nguyen, Counselor
Date: PLACE APPROPRIATE DATE HERE
Re: AIDS Counseling

The intention of this report is to bring to your attention a problem I encountered in counseling Mr. Will Truman, a patient admitted to the hospital last week. Mr. Truman is a 35-year old male who sought medical attention from his physician after a 1-month period of fatigue, intermittent fevers, night sweats, diarrhea, and weight loss of 10 lbs. The patient reported engaging in unprotected male-to-male sexual contact during the last 2 years. Because of the patient's clinical symptoms and high-risk behavior, his physician ordered an HIV antibody test and lymphocyte subset analysis. Laboratory results are enclosed with this report.

The negative laboratory result for the HIV antibody test seemed inconsistent with the patient's risk factors and lymphocyte subset results. Therefore, I experienced difficulty in counseling this patient. In order to prevent further problems of this sort in the future, I would like the Patient Counseling Services to provide guidelines for handling such situations. Please discuss this during your next meeting and provide guidelines to the counseling staff no later than (INSERT DATE THAT IS 2-3 CLASS PERIODS LATER THAN ORIGINAL DATE).

Laboratory Data for Will Truman

Test	Patient Results	Normal Values
WBC Count	12.0 x 10 ⁹ /L	4.0-10.0
WBC Differential		
Granulocytes	80%	33-73
Lymphocytes	16%	13-52
Monocytes	4%	0-10
Lymphocyte subset analysis*		
CD3+ cells	45%**	62-86
CD4+ cells	19%**	27-65
CD8+ cells	26%**	14-42
CD4/CD8 ratio	0.7	1-3.4
HIV Antibody	Negative	Negative

*CD3 is a marker for all mature T cells, CD4 is a marker for helper T cells, and CD8 is a marker for suppressor T and cytotoxic T cells.

**Percentage of the total peripheral blood lymphocytes

Curriculum Alignment for HIV Problem

Unit I Lymphatic System and Immunity

MD 09.02 Analyze the function of the lymphatic system

c. Immunity

MD 09.03 Evaluate characteristics and treatment of common lymphatic disorders

e. AIDS/HIV

MD 09.04 Apply standard precautions

c. The AIDS patient

Unit G Hematology

MD 07.01 Explain the structure of the blood

c. Leukocytes

1. Granulocytes

a. Neutrophils

b. Eosinophils

c. Basophils

2. Agranulocytes

a. Lymphocytes

b. Monocytes