



SIMTICS Laboratory Testing Module Outlines

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Perform Rapid Infectious Mononucleosis Test

Description

This module teaches you how to prepare for and administer a rapid infectious mononucleosis test.

Learning Objectives

- Describe pre-procedure considerations for a rapid infectious mononucleosis test.
- Describe and demonstrate the preparation for a rapid infectious mononucleosis test.
- Identify signs of infectious mononucleosis.
- Describe and demonstrate how to collect a rapid infectious mononucleosis test.
- Identify and understand how to interpret test results.
- Describe and demonstrate the correct post-procedure considerations.
- Define and demonstrate correct recording and reporting procedures.
- Define and use related medical terminology.
- Understand Occupational Safety and Health Administration (OSHA) guidelines.
- Understand correct post-procedure considerations.
- Explain the Patient Privacy Rule (HIPAA), Patient Safety Act, and Patients' Bill of Rights.

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Introduction

Step 1 - Preparation

Step 1.1 - Equipment preparation

Step 1.2 - Medical assistant preparation

Step 1.3 - Patient preparation

Step 2 - Perform finger stick

Step 2.1 - Prepare the puncture site

Step 2.2 - Puncture the skin

Step 3 - Process the blood sample

Step 3.1 - Capillary tube procedure

Step 3.2 - Hanging drop

Step 3.3 - Venipuncture procedure

Step 3.4 - Set a timer

Step 3.5 - Apply bandage

Step 3.6 - Read the results

Step 4 - Complete the procedure

Perform Rapid Strep Test

Description

This module teaches you how to prepare for and administer a rapid strep test.

Learning Objectives

- Describe pre-procedure considerations for a rapid strep test.
- Describe and demonstrate the preparation for a rapid strep test.
- Identify signs of streptococcus.
- Describe and demonstrate how to collect a throat swab specimen.
- Describe and demonstrate how to handle and process a throat swab specimen for a rapid strep test.
- Identify and understand how to interpret test results.
- Describe and demonstrate the correct post-procedure considerations.
- Define and demonstrate correct recording and reporting procedures.
- Define and use related medical terminology.
- Describe and demonstrate quality control protocols.
- Understand Occupational Safety and Health Administration (OSHA) guidelines.
- Understand correct post-procedure considerations.
- Explain the Patient Privacy Rule (HIPAA), Patient Safety Act, and Patients' Bill of Rights.

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Introduction

Step 1 - Preparation

Step 1.1 - Equipment preparation

Step 1.2 - Medical assistant preparation

Step 1.3 - Patient preparation

Step 2 - Perform throat swab

Step 3 - Collect rapid strep test results

Step 3.1 - Process test tube

Step 3.1.1 - Prepare test tubes of extraction

Step 3.1.2 - Process the test strip

Step 3.1.3 - Read the test results

Step 3.2 - Process cassette

Step 3.2.1 - Process the cassette

Step 3.2.2 - Process specimen

Step 3.3.3 - Read the results

Step 4 - Complete the procedure

Perform Routine Clinical Urinalysis Test

Description

This module teaches you how to prepare for and administer a routine clinical urinalysis test.

Learning Objectives

- Describe pre-procedure considerations for a urinalysis.
- Describe and demonstrate the preparation for a urinalysis.
- Identify reasons to conduct a urinalysis.
- Identify the various collection methods used to obtain a urine specimen.
- Describe and demonstrate how to perform a urinalysis through a physical and chemical exam.
- Identify and understand how to interpret test results.
- Describe and demonstrate the correct post-procedure considerations.
- Define and demonstrate correct recording and reporting procedures.
- Define and use related medical terminology.
- Understand Occupational Safety and Health Administration (OSHA) guidelines.
- Understand correct post-procedure considerations.
- Explain the Patient Privacy Rule (HIPAA), Patient Safety Act, and Patients' Bill of Rights.

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Introduction

Step 1 - Preparation

Step 1.1 - Equipment preparation

Step 1.2 - Medical assistant preparation

Step 1.3 - Patient preparation

Step 2 - Obtain a clean catch urine sample

Step 2.1 - Proper collection

Step 3 - Process urine sample

Step 3.1 - Perform physical examination

Step 3.1.1 - Urine volume

Step 3.1.2 - Urine odour

Step 3.1.3 - Urine colour

Step 3.1.4 - Urine clarity

Step 3.2 - Perform chemical test

Step 4 - Read the results

Step 5 - Complete the procedure