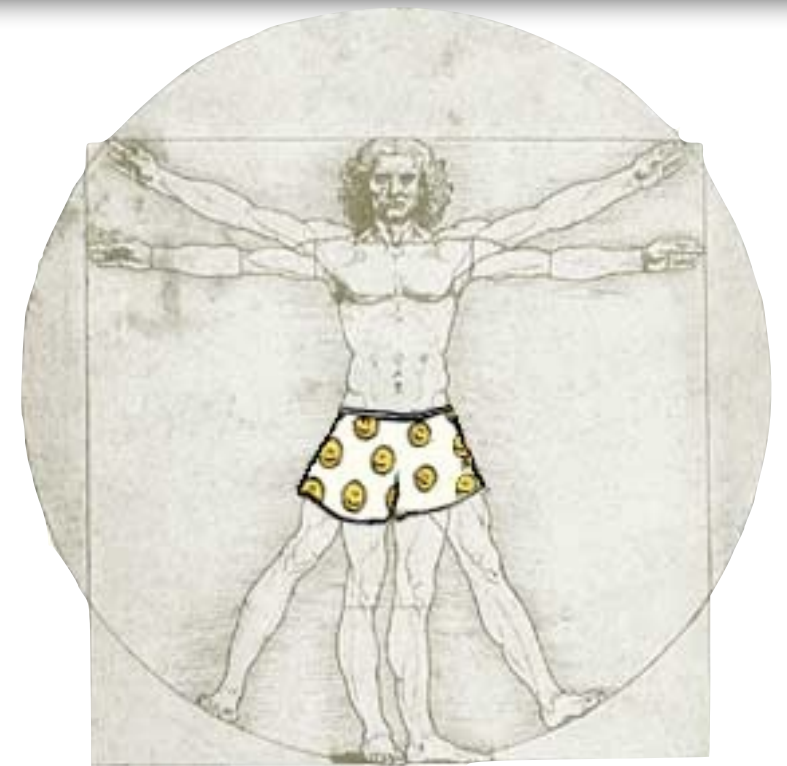


Unit 15

Urinalysis Lab



Miss School, Miss Out!

Urinalysis

Question: Can urinalysis be used to diagnose disease?

Hypothesis:

Procedure: Using the protocols, evaluate each patient's urine sample, and attempt to diagnose each patient's disorder/disease.

Observations: Fill a data table with information and observations gathered from the various tests of the urine samples.

Analysis & Conclusion: Support or reject your hypothesis with observational evidence and diagnose the three diseased patient samples.

Data Table

<i>Test</i>	<i>Normal</i>	<i>Patient 1</i>	<i>Patient 2</i>	<i>Patient 3</i>
<i>Glucose</i>				
<i>Ketone</i>				
<i>pH Value</i>				
<i>Yeast</i>				
<i>Albumin</i>				
<i>Specific Gravity</i>				
<i>Observations (smell, color, appearance)</i>				

Urinalysis Results

<i>Test</i>	<i>Normal</i>	<i>Patient 1</i>	<i>Patient 2</i>	<i>Patient 3</i>
<i>Glucose</i>	<i>none present</i>	<i>glucose present</i>	<i>none present</i>	<i>none present</i>
<i>Ketone</i>	<i>none present</i>	<i>ketone present</i>	<i>none present</i>	<i>none present</i>
<i>pH Value</i>	<i>6</i>	<i>4</i>	<i>5</i>	<i>6</i>
<i>Yeast</i>	<i>none present</i>	<i>none present</i>	<i>yeast present</i>	<i>none present</i>
<i>Albumin</i>	<i>none present</i>	<i>none present</i>	<i>albumin present</i>	<i>none present</i>
<i>Specific Gravity</i>	<i>1.07 mosm/L</i>	<i>1.10 mosm/L</i>	<i>1.12 mosm/L</i>	<i>1.01 mosm/L</i>
<i>Observations</i>	light yellow in color, clear, and slight odor	darker yellow in color, slightly cloudy, and fruity odor	darker yellow in color, very cloudy, and foul odor	very light yellow in color; almost clear, clear, and slight odor

Digital Lab Data and Conclusions

