Unit #35 Medical Science

Below is a list of the vocabulary needed to pass this unit with a good score.

**ADME**
the four stages a drug goes through when administered: Absorption, Distribution, Metabolism and Excretion
"Before being approved for use, new drugs must be studied according to ADME."

**cytology**
the study of cells
"Urine was collected so as to perform a cytology test."

**embryology**
the study of the unborn baby
"Developments in the field of embryology have resulted in advancements in artificial insemination."

**genes**
nucleotides passed from the parents to a child which determine the makeup of the body and mind
"Our physical and mental characteristics are highly determined by our genes."

**hematology**
the study of blood
"The complete blood count is the most common hematology test."

**histology**
the study of tissue using a microscope
"A lot of smaller hospitals are not equipped to conduct complex histology tests."

**idiosyncrasy**
an unusual side effect of a drug
"No one had expected the medication to cause this idiosyncrasy."

**oncology**
the study of and treatment of tumors
"The oncology ward can accommodate 30 patients."

**ophthalmology**
the study of disorders of the eye
"He studied general medicine for the first 5 years and then specialized in ophthalmology."

**optometry**
the study of the eye
"New technologies are dramatically changing the field of optometry and allowing more people to see better."
orthopedics
the study of bones and joints
"Historically, orthopedics was dominated by men due to the physical demands of the job."

otology
the study of the ears and hearing
"His research in otology led to finding a cure for certain kinds of deafness."

pathology
the study of changes in the body caused by disease
"His interest in pathology started in medical school when his father died of heart disease."

percussion
the action of tapping the body and listening to the sound produced as a method of diagnosis
"The doctor performed percussion on the rib cage and listened to the sound."

phlebotomy
the removal of blood using a needle
"A blood sample was taken using phlebotomy."

proctology
the study of rectal and anal disorders
"The proctology ward is fully equipped with all modern diagnostic machines."

prognosis
the likely course of a medical condition
"The doctor said that the prognosis was good for a full recovery."

somatic
of or connected to the body
"It was clear that the symptoms were somatic in origin."

treadmill stress test
a test to measure heart function while exercising
"The treadmill stress test showed an irregular heartbeat."

urinalysis
analysis of the liquid body waste
"The urinalysis showed the presence of bacteria in the urine."

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