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."

**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**
related 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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