

Beebe Healthcare
Margaret H. Rollins School of Nursing
N102 – Nursing Care of Adults
Chronic Kidney Disease
Class Preparation

Identify three (3) body systems that are affected by Chronic Kidney Disease (CKD). List two (2) clinical manifestations with rationale for each body system identified. Insert information in the table below. Be prepared to share with your classmates.

	<u>Body System Affected:</u> Cardiovascular	<u>Body System Affected:</u> Hematologic	<u>Body System Affected:</u> Urinary
<u>Clinical Manifestation with Rationale:</u>	Heart failure: If the kidneys are not working properly to remove waste and excess water, water can back flow into the heart causing fluid overload	Anemia: The kidneys help produce erythropoietin; when they are not functioning properly, adequate amounts will not be produced and RBC production will drop	Polyuria: results from the inability of the kidneys to concentrate urine
<u>Clinical Manifestation with Rationale:</u>	Hypertension: If the kidneys are not working properly to remove waste and excess water, there will be more fluid in the vessels which causes more pressure to the vessel	Bleeding tendencies: A decrease in platelets by impaired factor III does not allow blood to clot resulting in bleeding	Anuria: As CKD worsens, the kidneys become more damaged and retain more fluid because they cannot function properly, resulting in fluid retention