Web ID: 4409

Understanding anemia and its impact can empower people with kidney disease to work with their care team and take proactive steps to stay healthy.

Symptoms of Anemia include fatigue, weakness, shortness of breath, dizziness, pale skin, cold hands and feet, difficulty concentrating.

ANATOMY

OFANEM

Healthy kidneys produce erythropoietin (EPO), a hormone which signals the bone marrow to make RBCs. People with kidney failure produce little or no EPO, leading to anemia (low RBC count).

Red blood cells (RBCs) carry oxygen from the lungs to the rest of the body. Hemoglobin, a protein in RBCs, binds to oxygen and delivers it to tissues.

Treatments to Help Increase Red Blood Cell Production

Erythropoiesis-stimulating agents (ESAs), subcutaneous injection or IV
Iron supplements, Oral or IV
Hypoxia-inducible factor prolyl hydroxylase inhibitors, oral
Blood transfusions via IV

Proactive Steps to Take

Know Your Numbers Check your labs and know your hemoglobin levels.
 Work with Your Care Team Your nephrologist will adjust treatments based on your labs.
 Stay on Track Don't miss a dialysis treatment or a prescribed medication dose.
 Speak Up Say something to your healthcare team if you have symptoms.