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MATRIC NUMBER: 18/MHS07/016

COLLEGE: MEDICINE AND HEALTH SCIENCES

DEPARTMENT: PHARMACOLOGY

COURSE CODE: PHS 212

COURSE TITLE: RENAL PHYSIOLOGY, BODY FLUID & TEMPERATURE
REGULATION AND AUTONOMIC NERVOUS SYSTEM.

DATE: 23RD JUNE 2020 – 30TH JUNE 2020

ASSIGNMENT: WRITE SHORT NOTE ON URINALYSIS

URINALYSIS (UA)

urinalysis is the diagnostic physical, chemical and microscopic examination and testing of urine for any abnormalities. It gives us information about urine pH, the degree of acidity or alkalinity of the urine and urine specific gravity, the concentration of solutes in the urine. Urinalysis can be used to detect disease such as diabetes, gout and other metabolic disorder as well as kidney disease. This process can be used to uncover evidence of drug abuse. Accurate urinalysis may require a 'clean catch' of urine. Before a person performs this test, the person should drink plenty fluid and wait for 1 or 2 seconds into the flow of urine before catching the urine in the receptacle. For some test, it is important to get the first urine of the day because it has the highest concentration of toxins and other substances to be analyzed. For other test, a 24hour collection may be needed.

PURPOSE

- General evaluation of health.
- Diagnosis of metabolic or systemic diseases that affect kidney function.
- Diagnosis of endocrine disorder.
- Diagnosis of disease or disorder of the kidneys or urinary tract.
- Monitoring of patients with diabetes.
- Testing for pregnancy.
- Screening for drug abuse.

