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18/MHS02/109

NURSING

PHS212

Characteristics and components of urine.

Physical characteristics of urine.

* Color: typically, yellow-amber, but varies according to recent diet and the concentration of the urine.
* Smell: the smell of urine may provide health information.
* The Ph of normal urine is generally in the range 4.6 – 8, with a typical average being around 6.0.
* Density: density also known as specific gravity. This is the ratio of the weight of a volume of a substance compared with the weight of the same volume of distilled water.
* COMPONENTS
* The glomerulus filters water and other substances from the bloodstream.
* The filtration membrane keeps blood cells and large proteins in the bloodstream.
* Reabsorption moves nutrients and water back into the bloodstream.
* Waste ions and hydrogen ions secreted from the blood complete the formation of urine.
* Urine is 95% water.

Turbidity: the turbidity of the urine sample is gauged subjectively and reported as clear, slightly, cloudy, opaque, flocculent. The glomerulus filters water and other substances from the bloodstream.

Urine is made of;

* Urea 9.3g/L
* Chloride 1.87g/L
* Sodium 1.17g/L
* Potassium 0.750g/L
* Creatinine 0.670g/L
* Other dissolved ions, inorganic and organic compounds ()