

# Review on Pathology of Blood and Urine

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**Abstract:** Pathology is being important now a days Since the major pandemic like COVID 19 where seen although it is very essential in some conditions like diabetes, kidney stones, High blood pressure conditions to take precautions to avoid Major damage and life threatening events. In this review article we get to know what the pathophysiology actually include and what is pathogenesis in turn of pharmacy. In this overview report of overview of the blood and urine through which various the disease conditions or the body behaviour is depend, if there is variation of the normal count of the constituents of these takes place it causes disfunction of the body organs or biochemical reactions. In the further overall studies we will discuss about the what are major components of the blood and urine as well Their Major role in the clinical signs and symptoms. Further we come to know that what are the actual analytical methods of the testing, recognising, classify grade and stages of the different components and classify them and various types of malignancy. Also let you know that is the contribution of the pathological analysis in the disease oriented surveillance and the evaluation, treatment as well.. at the end we will go through some report samples of pathological laboratories.

**Keywords:** Blood and Urine

## REFERENCES

- [1]. Robbins Basic Pathology - (2003) Reviewed by SK Nema
- [2]. A brief history of pathology, Preface to a forthcoming series that highlights milestones in the evolution of pathology as a discipline, Jan G. van den Tweel & Clive R. Taylor.
- [3]. Introduction to the history of plant pathology By, Geoffrey Clough Ainsworth.
- [4]. comparative survey of the results of analyses of blood serum in clinical chemistry laboratories in the United Kingdom, T. P. Whitehead, D. M. Browning, A. Gregory
- [5]. Multivariate calibration for assays in clinical chemistry using attenuated total reflection infrared spectra of human blood plasma, Guenter. Janatsch, J. D. Kruse-Jarres, Ralf. Marbach, and H. M. Heise
- [6]. Carrier Erythrocytes: An Overview, Mehrdad Hamidi & Hosnieh Tajerzadeh, Pages 9-20
- [7]. | Published online: 29 Sep 2008
- [8]. Conjugated bilirubin triggers anemia by inducing erythrocyte death, Elisabeth Lang, Sergios Gatidis, Noemi F. Freise, Hans Bock, Ralf Kubitz, Christian Lauermann, Hans Martin Orth, Caroline Klindt, Maximilian Schuier.
- [9]. Molecular pathogenesis of anemia of chronic disease By, Tomas Ganz published on 31 October 2005
- [10]. Elevated steady state WBC and platelet counts are associated with frequent emergency room use in adults with sickle cell anemia by, Susanna A Curtis, Neeraja Danda, Zipora Etzion, Hillel W Cohen, Henny H Billett.
- [11]. An Overview of White Blood Cell Disorders By Amber Yates, MD Updated on September 30, 2021
- [12]. Subclass Separation of White Blood Cell Images Using Convolutional Neural Network Models By, Mesut Togacar, Burhan Ergen
- [13]. Lymphocytes By, David F. La Rosa M D Jordan S. Orange MD
- [14]. Physiological and Molecular Mechanisms of Lymphocyte Homing By, L J Picker, E C Butcher
- [15]. Platelets: Physiology and Biochemistry By, Kerstin Jurk, Beate E. Kehrel.
- [16]. The role of platelets in inflammation By, Mark R. Thomas, Robert F. Storey.
- [17]. A Sample Report of Blood Testing, By, Shrikrushna Laboratory, wadala.
- [18]. Physiological conditions can be reflected in human urine proteome and metabolome, by, Jianqiang Wu & Youhe Gao published on 15 October 2015

- [19]. Urine: Composition, Constituents and Deposits Article Shared by A Taneja.
- [20]. A Sample report of urine analysis By Omkar laboratory.
- [21]. Light Microscope- Definition, Principle, Types, Parts, Labeled Diagram, Magnification published online on September 7, 2022 by Faith Mokobi
- [22]. Fundamental of light Microscopy and electronic imaging A Book by Douglas B. Murphy, printed in USA.