

Live Blood Cell Analysis/Darkfield Microscopy

Blood Analysis, as done by most labs, involves using stains and preparations that can alter the structure of our cells in their live state. Darkfield microscopy allows a clinician to view a living fresh blood sample and enables us to see conditions that are not normally even considered during the diagnosis of a normal blood test in a doctor's office or lab. Darkfield microscopy allows the health professional to evaluate the shapes and other properties of individual blood cells, indicating nutritional conditions which can be adversely affecting a person's health. It allows the detection of imbalances sooner, when the problem is in its stages of infancy. The condition of our blood provides a window into the prevention of many illnesses.

In darkfield microscopy, one is able to observe "live blood." Unlike the techniques of electron microscopy, no fixative is used, so the picture is one of mobility. In darkfield microscopy, we are viewing a dynamic living system. We get to see our cells in action and see what our cells are bathed in. One is able to view the activity of bacteria, fungi, undigested food and chemical crystals that tell us a lot about how well our body is functioning. This technique can help to identify conditions before they become a diagnosable illness.