

Gallery

Contributed by Ingrid Naiman
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Somewhat typical example of red and white blood cells. It is a fasting sample so the plasma is quite clean, but some RBCs have circles inside, usually called "target cells" by darkfield microscopists, but they have other names as well. This is normally interpreted as indication that the cells are nutritionally deficient. RBCs are somewhat flat, biconcave discs, so that after they have delivered nutrients to tissue, they are a little thinner and the light passes more easily through the middle instead of only illuminating the edges.

White blood cell near small erythrocyte aggregation, probably caused by toxicity because some of the RBCs are crenating quickly and all the RBCs in the vicinity of this WBC died within a day. However, the WBC continued to attack the toxin (which is underneath the WBC.)

Severe erythrocyte aggregation following root canal.

Unmetabolized debris in blood following root canal.

Interesting "demise" of RBCs less than 24 hours after root canal.