

## WHAT ARE WE SEENG UNDER THE DARKFIELD MICROSCOPE: INTERPRETING THE BLOOD MORPHOLOGIES

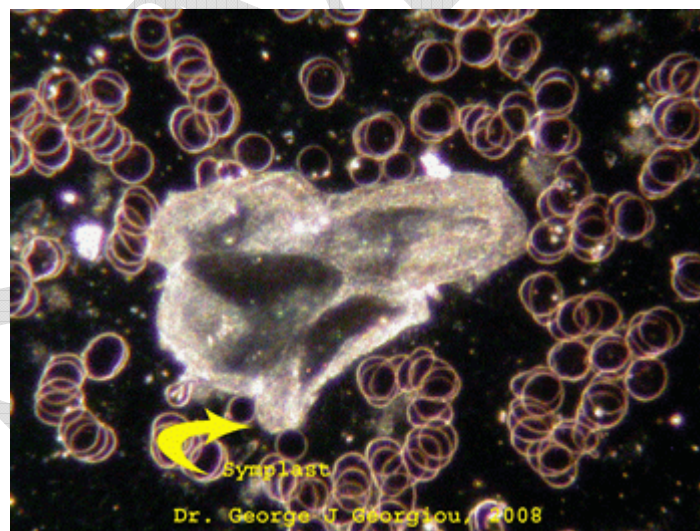
### AN ENDERLEIN PERSPECTIVE

#### SAMPLE LESSON 8 – PART III

This is a continuation of Part II where we were examining the Enderlein concepts regarding Live Blood Analysis. This is in comparison to Part I of Lesson 8 which examines the more main-stream approach to Live Blood Analysis that is accepted by classical microbiologists of today. It is good to understand both approaches and their limitations so that you can become a competent Holistic Microbiologist who is aware of both schools and understands Holistic models of health.

#### CRYSTALS: PLAQUES AND SYMPLASTS

One of the most important factors for consideration regarding crystalline inclusions in the circulatory system stems from the new work that has been done by Ray Peat, Ph. D, Aajonous Vonderplanitz, Price-Pottenger Foundation et al, which shows that fats and proteins which are cooked or heated, and thereby made devoid of enzymes, are indigestible. Raw fats will contribute to thermogenesis, removing accumulated fats from the body and regulating the thyroid and hormones. They have an overall calming and lubricating effect. Low-fat is the half-baked solution for using deteriorated fats. Replace those with raw fats from both animal (healthy) and vegetable sources. The application of this principle has had extremely positive benefits for many people and may make all further supplemental recommendations redundant.

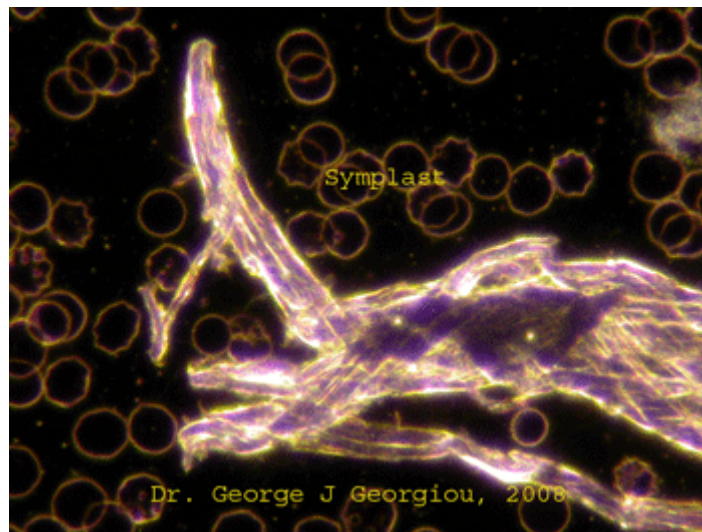


**Symplast**

Endobiosis is another factor regarding crystalline accumulations, as dysregulated microorganisms develop part of the constituents of these crystalline structures. These crystals are an amalgam of CWD's and nucleic acids, lipids, cellular debris and toxins.

Crystals are sclerotic or pseudocrystalline chunks. Bright white and highly reflective crystal (with sporoid inclusions) are primarily protein in structure, are related to hardening (sclerosis) and aging. Faceted crystals that are less reflective, often

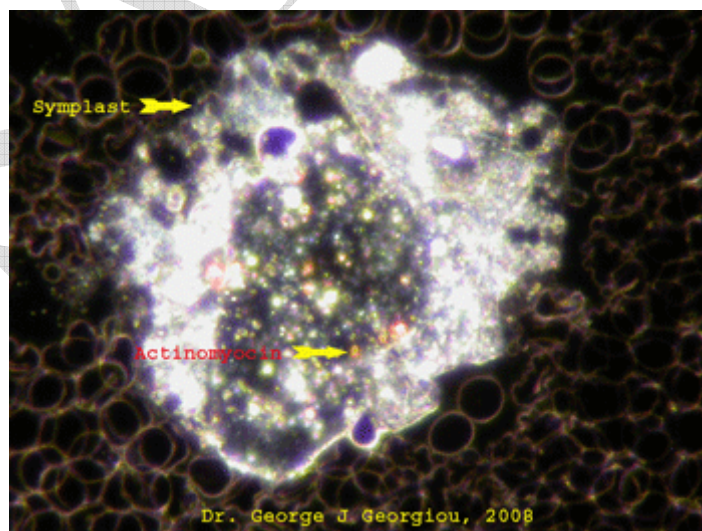
transparent with very sharp edges are pseudocrystals and although appear to be like hard gems, are actually gelatinous and primarily structured from lipids.



**Symplast**

Crystals that include coloured spores (rainbow) are an expression of chemicals and metals in the body. Specific drugs will cause crystals to have a very specific colour, usually the colour will look like artificial colouring or dyes, with very blue blues and very red reds, etc. and can be throughout the whole crystal. When you see these, think of drugs and metals.

Crystals with orange or brownish-orange in them are most often related to lower bowel toxicity or infection. The orange colour is from actinomycin, an antibiotic produced by the body. This is also observed in a great number in food poisoning. In acute situations use Notakehl, Fortakehl, ozone insufflation and electrolytes such as Cell Food.

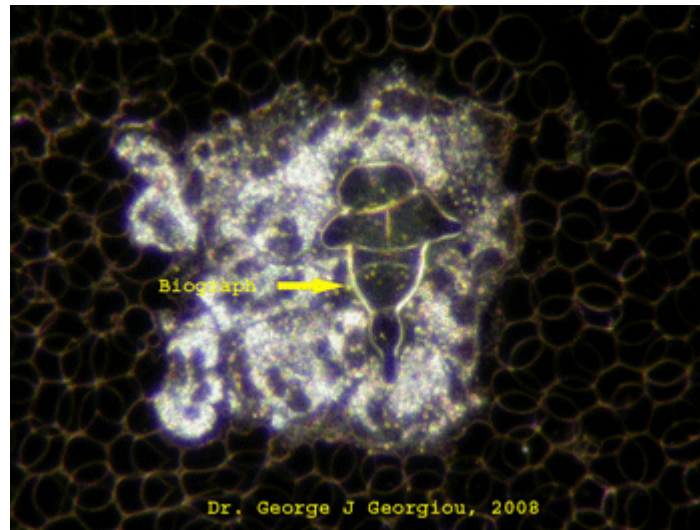


**Symplast with actinomycin**

The study of Biographs (shape signatures) of the symplasts has been revitalized by [Dr. Harvey Bigelsen, M.D.](#) The shape of the crystal often reflects the 'holographic

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representation' and shape of the effected organ or system, thereby giving the observer clues as to what to look further for.



**Biograph**

SAMPLE