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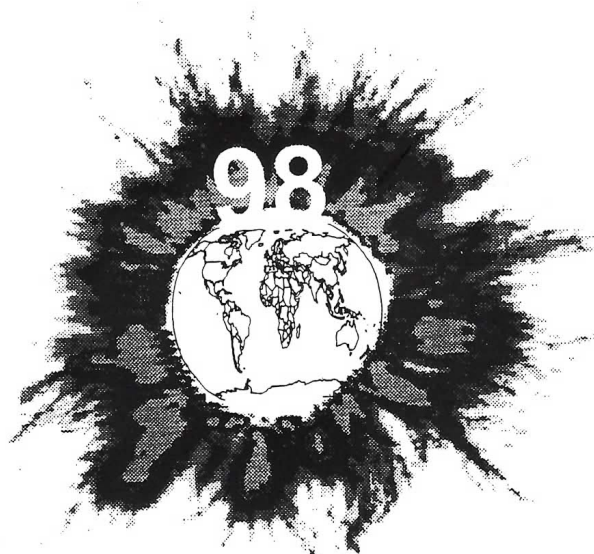
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**KIRLIAN PHOTOGRAPHY WITH THE USE OF
"VOLTAGE-SENSITIVE LIQUID CRYSTALS"
A NEW TECHNIQUE**

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KIRLIAN PHOTOGRAPHY has been used to demonstrate the aura around animate objects such as plant leaves and fingers, as well as other subjects. Studies to date have been inconclusive of what is being measured, i.e. electrical forces, hemodynamics or pressure-sensitive tissue. Most studies have been done during psychological examination, associated with anxiety, "thought-processes, which may be influenced by the physiological or psychological state of the person.

Our investigation is centered around pathological states such as hemodynamic disorders, musculoskeletal diseases, and neurocutaneous diseases. The example cited in this report is ovarian carcinoma, with the interesting phenomenon of hypnosis which may be used to alter the hemodynamic state or electrical field and by-pass the anxiety state. However, the purpose of this brief report is to demonstrate the effectiveness of a new technique utilizing voltage-sensitive cholesteric crystals with Kirlian photography.

TECHNIQUE

The Kirlian setup with its power sources is connected by cable to a large plate holder which lies on a wooden table. A thin film of voltage-sensitive liquid crystal is spread on a 1/8" thick plain glass plate. This is put into the plate holder. The subject is given a trial run, so there will be the exact pressure placed on the fingertip, and exact positioning. Then the fingertip is placed directly in contact with the glass containing the voltage-sensitive liquid crystals. An electrical charge of one second is pulsed through the photographic glass. This generates an electrical field around the fingertip.

The glass slide is photographed for a permanent record using a single reflex camera with a macro lens and Ektachrome film. The correct lighting angle and direction is established visually by moving the light around the plate until the colors are clearly identified. Reflections are eliminated with the use of a Kodak Polo-Screen.

DISCUSSION

The initial electrical field normally visible in Kirlian imagery, has an effect beyond its own reach in that it influences the characteristics of an adjacent field of charge. The energy released by the initial cold electron charge produces some equal and opposite effect which materializes into the nature of a field of the opposite charge, which can be seen with the use of voltage-sensitive liquid crystals. Voltage-sensitive liquid crystals show that the initial field is influencing an adjacent field. (Kirlian routine photography does not establish a secondary field). Therefore one can evaluate the charge transfer characteristics of a patient. This may be an important tool in medical diagnoses and treatment as well as follow-up progress.

A 37-year-old woman who had moderately-advanced ovarian carcinoma was investigated with the use of the electrically-charged cholesteric liquid crystal Kirlian technique. It was noted on routine Kirlian photography that there were defects in the aura around the fingertips. This led to further investigation with the use of color prints and a means by which one could study the progression of her disorder while she was being treated with cobalt and chemotherapy. The results were readily and easily reproduced, showing the same field defects.

The results with the new voltage-sensitive cholesteric liquid crystal photography, using the same voltage as in Kirlian photography, as well as variables such as pressure, temperature, moisture, anxiety states being the same, indicated that she had a similar defect in the aura around her fingertips. We used this subject for further studies in hypnosis, noting that hypnosis definitely increased the aura around her fingertips. Hypnosis was utilized to alleviate her symptoms of nausea, vomiting, pain and depression.

More studies will be undertaken to correlate hypnotic states, as their usefulness applies to treatment of various medical and psychological disorders. Kirlian photography using voltage-sensitive cholesteric liquid crystals may provide a new means for evaluating diagnosis and prognosis in many disease states, as well as the usefulness of various modes of therapy such as drugs or hypnotherapy.

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