

Confirmation paralleling other investigators' findings in a nationwide search for the prevention of arteriosclerotic disease and fatty degeneration was sought and partially obtained by the use of solubilized brain tissue. Our aqueous pancreas, brain, liver and placental preparations proved highly effective in the initial phase of the research project. A pediatrician in Los Angeles started treatment of mongoloid children with our tissue preparation. His enclosed letter confirms highly encouraging results.

Further progress was obtained in modifying the existing techniques for the solubilization of cortisone and other hormones. The only aqueous form obtained to date in a given instance by the entire pharmaceutical industry has been an unstable aqueous hydrocortisone solution and other steroids soluble in an alcoholic medium. Aqueous hormones have shown tremendous therapeutic benefits that result from the clinical use of hormones in this form. For instance, the intravenous injection of cortisone or hydrocortisone in shock or allergic conditions; intravenous female hormone to control (previously considered uncontrollable) hemorrhage as in post-tomselectomies, prostatectomies and epistaxis. We have shown that the simultaneous intravenous use of cortisone and an antibiotic has made it possible for a physician for the first time in medical history to treat Infectious Hepatitis or homologous serum jaundice, dramatically shortening these conditions from months to a matter of days, treating many cases ambulatory, and preventing in all instances liver damage and eliminating further the threat of cirrhosis.

Publication of the paper re our clinical work was accepted by the New York State Medical Journal and was published 10/1/56. These cases were treated at Mt. Sinai Hospital, New York City, with material supplied by the Foundation. It cannot be too strongly emphasized that according to the Washington Institute of Epidemiology and Infectious Diseases that the threat and continuous increase of Infectious Hepatitis not only as a disease, but simultaneously as a threat to the contamination of the nations blood and plasma pools has tripled in the past year to the effect that a total of approximately 300,000 cases are reported annually. It specifically mentions that there is no known treatment to prevent or treat Infectious Hepatitis.

It should be noted that our results were only possible with the specific material, i.e. intravenous cortisone which had been developed by the Foundation. Naturally, the use of steroid - antibiotic therapy in the aforementioned way does not limit itself to the treatment of jaundice alone, but lends itself dramatically to the treatment of all infections, eliminating undesirable side effects, shortening treatment by modifying the impact of toxic side effects of the infection itself, as well as preserving the resistance of the body by buffering the shock that ordinarily occurs, as high temperature and the specific toxic bacterial or viral protein reactions. This therapy also lends itself to the local application of topical infections, inflammatory processes and allergic conditions.

In order to obtain full advantage of the use of small quantities of aqueous hormones having a stimulative effect on body functions,

extensive research resulted in a process that also enabled us to obtain a solution in which the otherwise oil soluble vitamins as Vitamin A, E and D were dissolved in an aqueous media, and further progress was made when, in the course of investigation of the otherwise non-utilizable portion of the Vitamin B Complex group (Non-utilization which might incidentally result in neurological disorders, nutritional disturbances, geriatric problems, etc.) the role of adenosine 5 monophosphate was investigated. The combination of aqueous vitamins A, E and D in conjunction with adenosin 5 monophosphate showed that these patients were then able to utilize the full Vitamin B Complex factor without undesirable side effects. Clinical results were dramatically manifested by marked improvement. Among our case reports is one diagnosed at Mt. Sinai as having Multiple Sclerosis. Complete paralysis of the left side was restored to full function after being treated with tissue and this combination. Cases of cerebral Sclerosis and Arthritis that had become resistant to cortisone, hydrocortisone and the newer anti-arthritic steroids alone responded to this combination, as well as geriatric conditions as circulatory disease, rehabilitation of heart failure and coronary infarction.

It must be noted that aqueous hormone therapy opens up a tremendous field in which stimulation with small quantities of quickly absorbable preparations avoid the danger of uncontrollable hormone therapy as is found in the use of oral or oil-soluble forms and suspensions.

The documented results which have been achieved by the research of the Foundation in such a short time are self-explanatory. The future program of the Foundation is tremendous. Promised contributions should enable us to enlarge our staff and facilities. Increased

publication and wider dissemination of information obtained from our research will be sought in order that it might benefit the whole medical profession in its fight against disease and old age which is the tremendous and urgent problem of ourtime.

It is the desire of the Foundation to investigate the application of its discoveries to diseases other than those mentioned in this report with the help of additional clinical investigators. Further research should be conducted to isolate and concentrate the cell-stimulating materials found in the soluble tissue preparations.

A list of present preparations now under clinical investigation:

1. Eye solutions containing soluble progesterone, Vitamin A, Estrone, cortisone and gantricin.
2. Injectable total-tissue preparations used in conjunction with Vitamins A,E and adenosine 5 monophosphate for neurological disorders and degenerative diseases.
3. Combined tissue for geriatric disorders.
4. Placenta, pancreas, brain and liver for fatty degeneration of liver and arteriosclerosis.
5. Water-soluble cerebral material for treatment of mongoloid children.
6. Water-soluble steroid therapy with water soluble vitamins A, E, D, B Complex and adenosine 5 monophosphate for cortisone resistant arthritis.
7. Cortisone-antibiotic therapy for the ambulatory treatment of infectious diseases.
8. Bone marrow, spleen, duodenum, both oral and injectable for Multiple Myeloma.
9. Intra-articular injections of aqueous cortisone for anti-inflammatory protection.
10. Heart, Vitamin A, E, adenosine 5 monophosphate, Vitamin B Complex for circulatory disorders, and other preparations too numerous to mention.