

ALLERGY OF THE SECRETORY MECHANISMS

The above described case of asthma and hay fever demonstrates that where the allergy was of long duration, personally and hereditarily, recovery may require a long time too. A case of hay fever of short time duration illustrates how rapidly a case of allergy of the secretory mechanism can recover.

Mr. L. K.—Age 48. Regular autumn hay fever for last ten years. Had to go North for relief. Suffered quite badly. After suffering for two weeks in Fall of 1934, one cc. of glyoxylide solution was injected at four in the afternoon and the next morning he awakened without distress and remained free from all allergic symptoms to date.

Mr. J. L.—Age 50. Father had asthma. Patient had asthma for ten years, in which time he could not draw a full breath. Much secretion and spasms. Constant dyspnoea, especially on exertion. Could walk stairs with difficulty only. One cc. malonide solution given September 8, 1936, was followed by total freedom from symptoms in about three weeks. Has gained thirty pounds in weight since and is perfectly normal. Climbs hills without discomfort.

Mr. A. L.—Age 23. Hay fever and asthma several years with increasing severity so that he had to leave the environment during the pollen season. One cc. of glyoxylide given in July, 1935, before attack came conferred immunity so that a month later he worked in the field thrashing right in the blower dust

without the slightest indication of an attack. He has remained well ever since in spite of exposure.

Correction of allergy of a ductless gland is well illustrated in the following case.

Mrs. W.—Age 58. Several years of nervousness. Tendency to perspire easily. The gradual development of extreme exophthalmus, tremor, dyspnoea, and bronzing of the skin. There was vomiting with loss of weight from 150 to 108 pounds in one year. Examination revealed also an oedema of feet and legs and the presence of a hard fixed mass bulging from and filling the epigastrium. One dose of glyoxylide was given, September 28, 1929. Recovery was complete in about sixty weeks. She remains in perfect health to date. Normal in weight and all respects.

We have here a recovery from advanced Cancer of the stomach with mediastinal secondaries and severe thyroid and adrenal disease. The daughter of this woman, who was thirty years younger, developed a brain tumor after severe head injury. Almost constant convulsions characterized her case at the time she received a dose of glyoxylide—also in 1929. Recovery was completed within two years and is permanent. Their homes are in the goitre belt of Ohio, yet normal thyroid function returned under the same conditions where its pathology developed.