

districts, with peaks covered with perennial snow down to foot-hills, luxuriant with foliage and fruits. Fertile valleys nestling within these ranges, exuberant with all manner of tropical flowers, fruit, grain, and the hives of busy hamlet, town and city. The local physicians are veritable custodians of health. They direct one to Tuscan, Phoenix, Denver, Redlands, Riverside, Pasadena, Pomona, San Diego, Santa Barbara, Los Angeles or San Francisco, or advise a prompt return home, as wisdom dictates and experience justifies.

Redlands, California.

Gastro-Duodenal Ulcer.

By DR. H. J. HAMILTON, Toronto.

PRELIMINARY.—The term gastro-duodenal ulcer can hardly be used in referring to the case about to be reported without apology or explanation. There are features in the case which would justify us in diagnosing an ulcerative process involving both stomach and duodenum. Gastro-duodenal ulceration is meant rather than an ulcer involving stomach and duodenum. There may be many ulcers, instead of one. If at the present time there is not active ulceration in the stomach itself, the history indicates that there has been in the past.

Mr. A., railway mail clerk, aged twenty-eight. Seen first, February 19th, 1898; general nutrition good; until five years ago enjoyed good health, having had no disease other than the ordinary diseases of childhood. When twenty-three years of age, while studying very hard for matriculation examination, he began to complain of digestive trouble. He was not taking sufficient exercise, and subjected to considerable worry over the coming ordeal. Neurasthenic symptoms were very marked. His eyes became weak, and it was necessary for him to give up study for a time on this account. At this time he complained of a good deal of nausea and sense of fulness after eating. Pain was not a marked symptom, but there was intense soreness over the stomach. During the next three months he vomited what he describes as black blood three times at intervals of about one month. On each occasion the vomiting was followed by tarry stools. On taking anything hot he felt as if it were passing over a raw surface when it reached the stomach. When he became free from mental worry his symptoms abated, the vomiting ceased and soreness diminished. Although he suffered from what he termed indigestion, he had no