

## MINERAL SPRINGS IN THE TREATMENT OF RHEUMATISM.

E. S. HARDING, M.D., read the paper of the evening, dealing chiefly with the springs as found at Caledonia, Ontario. This paper appears on page 250 of this number of the JOURNAL.

RIDLEY MACKENZIE, M.D.—We are indebted to Dr. Harding for bringing before us this interesting account of these waters. I had the pleasure of visiting these Springs, and have used one of the waters for quite a long time. The influence of these waters on the alcoholic is most interesting.

J. ALEX. HUTCHISON, M.D.—We owe something to Dr. Harding for bringing this subject before us in this scientific way. I do not think anything of this kind has come before our Society in recent years, and it certainly is a subject deserving our attention.

W. F. HAMILTON, M.D.—I was interested in Dr. Harding's paper and was watching for any remarks he might make regarding the untoward effects of the excessive use of these waters, particularly the sodium chloride spring being followed by œdema. It would be interesting to know whether such cases were at all associated with the renal disease, with respect to the treatment of arthritis and arthritis deformans. I think I recognise in his remarks a reference to one of my own cases, a young lady I had treated and who had decided to go to Caledonia Springs. On her return, I was greatly pleased with the change in her joints, and certainly it was a most salutary one. While we all recognise that these cases are progressive, yet some mitigation of their suffering is at all events to be encouraged. The effect of these waters on the alcoholic is most interesting.

F. G. FINLEY, M.D.—I think that most of us appreciate the fact that many rheumatic cases are greatly benefitted by this treatment, yet one hesitates to advise individuals to go to such springs unless a competent doctor is in charge to regulate the treatment.

E. S. HARDING, M.D.—I wish to thank the members for their kind attention. As to the œdema I did not particularly note the renal conditions, but attributed it to the gastric disturbances which came on early in the course of the treatment with constipation. One rather interesting feature was the frequency of gastro-enteritis, but whether this was due to the waters or to hotel environment, etc., I could not determine.

JAMES BELL, M.D.: "Rupture of the Subclavian Artery and Brachial Plexus by Direct Violence." The report of this case will be found on page 267 of this number of the JOURNAL.

J. ALEX. HUTCHISON: "Fatal Perforating Gastric Ulcer and Shock Simulating Cerebral Hæmorrhage." The report of the latter case will be found on page 270 of this number of the JOURNAL.