

Mrs. C. J.—Cavity on posterior surface of first right upper bicuspid—sensitive to heat, cold and touch—applied guaiacocaine (Morton) with current of 1-10 ma.—not unpleasant—gradually increased to 2-5 ma. Total time of application fifteen minutes. No unpleasant sensation on preparing cavity.

Miss D.—Treatment of lateral incisor root, preparatory to crowning. Had abscessed several times, and was in very bad condition; applied current of 3-5 ma. for ten minutes with pyrczone for half the time, and euthymol the remainder. Did not have to treat again, and put Logan crown on a few days afterwards.

Mr. G.—Bleaching right central. Prepared twenty-five per cent. aqueous solution of pyrozone, as suggested by Professor Morton. Applied current of 1-1.5 ma. for fifteen minutes. Operation not as successful as I expected, but made tooth much lighter.

Miss B.—Nerve extraction. First right upper bicuspid; exposed pulp, and painful on the slightest pressure. Applied fifteen per cent. solution of cocaine in electrozone for thirty minutes as follows: 1-10 ma. in five minutes, gradually raised to 1-5, in three minutes more to 2-5, another 1-5 in five minutes; another 1-5 in one minute. In twenty minutes meter registered 4-5; gradually raised it 1-5 more in five minutes, making a current of 1 ma. in thirty-five minutes. At thirty minutes removed current, opened up canals, removed nerve. The only pain noticed by patient was when disconnecting the nerve. Operation very satisfactory to both patient and myself.

Mrs. O.—Cavity on cervical margin of lateral incisor; exceedingly sensitive. Applied cocaine, fifteen per cent. solution, in electrozone for fifteen minutes. Cavity quite sensitive in making retaining grooves, but patient felt that she could not have endured operation without cataphoresis.

I notice that Dr. Carleton Brown, of Elizabeth, New Jersey, at the New Jersey Dental Association, stated that he had succeeded in materially reducing the time required for analgesia, but I have not as yet made any progress in that direction. I have no doubt, though, that it takes much longer to produce analgesia in dense and sensitive dentine than in that less so. Dr. Brown stated that he used a fifteen per cent. solution of cocaine in electrozone, and had anæsthetized a cavity in one minute and a half.

Now, Mr. President and gentlemen, I am not here this evening to advocate any special cataphoric apparatus or electrodes. I simply relate to you my short experience with the operation. Since Dr. Gillette's first experiments with cataphoresis, the batteries and electrodes have been much improved. Dr. Peter Brown, of Montreal, has been working in this direction, and very kindly sent me some photos of clamp electrodes he has introduced. There is