

is more lasting. Barker, for instance, recommends it strongly in combination with B eucaïne. The formula which he uses is as follows:

Distilled water.....	100 c.cm. 3½ ounces).
B eucaïne.....	0.2 gram. (3 grains).
Sodium chloride.....	0.8 gram. (12 grains).
1 pro mille adrenalin chloride.....	℥ 10.

The whole of the quantity may be used in one operation, and even twice as much has been used without the advent of toxic symptoms. He waits thirty minutes after the infiltration of the tissues before proceeding with the operation. The analgesia lasts, he says, for four hours. I have used the B eucaïne, but prefer the weak cocaine solution.

Corning found in 1885 that if a nerve be injected with a few minims of cocaine, the area supplied by that nerve became analgesic. Cushing took advantage of this in the performance of the operation for hernia. After infiltrating the skin with weak Schleich's solution (which is)

Cocaine hydrochloratis.....	0.1 gram.
Morphine hydrochloratis.....	0.02 gram.
Sodii chloridi.....	0.2 gram.
Aque destillata ad.....	100 c cm.

he used a few drops of a one per cent. solution of cocaine to inject the small nerves (anterior branch of the ilio-hypogastric, the ilio-inguinal and genito-crural) encountered during the operation. By following these few rules, the operation becomes almost painless. I say almost, because the sack of the hernia, which is a portion of the parietal peritoneum, is quite sensitive, and requires to be infiltrated also. With these precautions a so-called radical cure may be done with extremely little discomfort to the patient. One old man, eighty-four years of age, on whom I operated for strangulated hernia, and who was in great pain during the first part of the operation, ceased his cries immediately after the constriction was divided, and the strangulation relieved. A modified Halstead was done without apparently any discomfort to the old gentleman. There was no shock and he made a rapid recovery, and without any of the disagreeable sequelæ of a general anæsthetic. I have done only eight cases of hernia in this way, but of these, four were immutable for a general anæsthetic. One, a man of sixty-seven years, with chronic phthisis, nephritis, and a strangulated inguinal hernia. He could not pass his water, and I drew off a small quantity which was loaded with albumen, and contained granular and