

to have the light solution anaesthetize the pelvis, one would then instead anaesthetize all nerves in the upper part of the body by which one then gets into the danger zone, for at once the respiratory muscles are paralyzed and respiration can only go on through the action of the diaphragm innervated by the vagus alone or assisted by artificial respiration until the motor functions are re-established, which may be an hour.

#### THE USE OF MORPHINE AS AN AUXILIARY.

Until I had seen the work of Dr. Babcock I had believed that I was alone in the use of morphine or morphine and hyoscine as a preliminary and auxiliary to spinal analgesia.

Many patients object to knowing anything about their operation and to all such it is a benefit to induce sleep by morphine and hyoscine. Doubtless other hypnotics would answer well, such as chloretone, as used by Dr. Ferguson, of Chicago, before giving either.

I think morphine alone preferable since a number of patients among my failures to whom both morphine and hyoscine had been given said they could feel the pain plainly, but were absolutely powerless to move or cry out, which effect was attributed at the time to hyoscine.

#### EXAMPLES OF SEVERAL CASES, SHOWING THE VALUE OF STOVAINE ANALGESIA.

U. S. 56, pool-room manager.

##### HISTORY OF TUBERCULAR KNEE OF TWENTY YEARS' DURATION.

When seen suppuration in knee was extensive and amputation in thigh was considered the only thing possible. Owing to extreme asthenia a general anaesthetic was thought by his physician not to be considered.

Sufficient morphine was given to produce ordinary sleep and Barker's heavy solution used. Patient was kept in partially elevated position, shoulders on one pillow, head on two.

Pulse 96 at commencement, 100 at finish. No sign of shock during or after operation. Patient still alive after two years.

#### PARALLEL CASES, SHOWING DIFFERENT METHODS OF USE OF BARKER'S AND BABCOCK'S SOLUTION.

Barker's Solution.  
Woman aged 60.

Babcock's Solution.  
Woman aged 50.

#### DIAGNOSIS.

Carcinoma of cervix, myocarditis.

Prolapsus uteri, torn perineum,  
anal fissure, myocarditis.