

more fatal, extremely unfavourable, the safest anaesthetics are used sparingly, so that these agents are employed under desperate circumstances, with results which give for such anaesthetics a less favourable incidence of fatality. A further point which has to be considered is that, when comparing the results of general anaesthesia with spinal and local analgesia, is that when the statistics of the latter compare every type of administrator, including many who are quite inexperienced and even devoid of medical knowledge, the record given by the work of their experts whose care and manner are commendable and whose technique is as good as our present knowledge of anaesthesia permits; nor is this knowledge slight, since the days of experimental groping has passed and methods and technique are generally settled.

Physicians again are in absolute conflict about what pathological conditions contraindicate the spinal method. It may be useful to attempt to briefly summarize the consensus of views. The method is recommended in some, and is contraindicated, for operations below the navel, in cases of acute and chronic appendicitis; also when acute or serious pulmonary or pulmonary disease exists and the lungs are waterlogged; also in cases of severe glaucoma, and gangrene of the extremities.

Whether patients with serious cardiac lesions, with excessive blood pressure, or with pronounced albuminuria, should have the spinal method is very doubtful. The decision could only be made by scrutiny of each case. Whereas, formerly, the old and feeble, suffering from chronic albuminuria, were regarded as good subjects for spinal anaesthesia, this view is not at present universally held. In cases of chronic obstruction complicated with stereotyped vomiting, the method had been looked to as a way out of a dangerous impasse. Unfortunately, several deaths have occurred through fatal drowning associated with those occasionally met with when general anaesthesia was employed. When feasible, local analgesia is undoubtedly safer than is the spinal method for such patients, but it fails to remove the distress arising from handling the viscera.

If the dangers of sepsis are omitted, local analgesia offers few disadvantages, except that it is only applicable in comparatively few cases unless we are willing to inflict a certain amount of pain, pain which is sometimes severe. Its best use is undoubtedly when combined with light narcosis, whether by alkaloids or inhalation. For attaining this end, Crile's method of *anxi-association*, i.e., the local and regional injection of analgesics, and the employment of a general anaesthetic, e.g., nitrous oxide and oxygen, gives a good prognosis. It is said to be especially the case in exophthalmic goitre. It must be noted here that persons who were subjects of the *status lymphaticus* are not good when a local analgesic has been injected, even though no general anaesthetic had been given. Another danger which is not always recognized is that nervous persons, and those whose mentality is unstable, are liable not only to serious neurasthenia, but even to delusional