Auricular Inflammation

SIR,—I had opportunity to notice during ten years of service in China four cases of a peculiar otochondritis in the cartilage of the external ear, with the signs of acute inflammation, redness, swelling, and localized pain. In such a case the auricula is tender and sometimes shows an oedematous swelling, which subsides on pressure, causing considerable pain. This otochondritis disappears after a few weeks, leaving the auricula enlarged and the cartilage thickened. After some time—weeks or months—the next attack would set in with a very similar course, possibly a bit of fever, and clear up again. After years, as I have seen in one case—a middle-aged woman of Chinese race—the auricula becomes hard as a board, inflexible, and stands at a right angle to the sagittal plane of the body. The skin is dark brown, hyperpigmented, and the patient complained of being unable to lie on the diseased side.

I could not find any cause for this disease. One patient had a positive Kahn test, and antisyphilitic treatment had no influence on the course of the disease. I tried local application of tincture of iodine, cold and hot fomentations, and sulphonamides by mouth, all *sine effectu*. Could somebody enlighten me on this subject or relate similar experiences, especially in tropical countries?—I am, etc.,

London, W. I.

W. WINTERSTEIN.

Treatment of Varicose Veins

SIR,—The article on the treatment of varicose veins by Prof. A. M. Boyd and Mr. D. J. Robertson (Sept. 20, p. 452) contains points of much practical interest, some of which call for further discussion. The 12 cases of deep thrombosis seen in a space of five months must surprise most of your readers. Many years ago I had one such case in a man of 70 to whom I had given some injections of, I think, quinine below the knee. The following week he reported with his whole saphena vein thrombosed to the groin. He did not turn up again for a few months and then said that in the meantime he had had pneumonia, but my inquiry to his doctor as to whether he thought the "pneumonia" was an embolic condition or whether it was a primary condition which might have caused the deep thrombosis failed to elicit a reply. I have never seen deep thrombosis following groin ligation plus injection. I wish the authors had said more about the technique used in the 12 cases and the amount and nature of solution employed.

The authors repeat the usual statement that it is important to ligate the saphena tributaries in the groin to prevent recurrence and show a photograph to illustrate a recurrence where this has not been done. As it is virtually impossible to get a clear view of the sapheno-femoral junction without dividing these tributaries it is safe to assume in such cases of recurrence that effective ligation has not been done, but the point is academic. The writers refer to temporary oedema of the ankle and lower part of the leg which may follow injections alone. I have had this annoying complication from time to time, but, owing to its transient nature, have wondered whether it might be caused by unduly prolonged reflex spasm spreading to some of the sub-fascial veins. I do not dispute their explanation, however, that it may be due, in part at least, to some degree of thrombosis in the deeper veins.

The authors do not refer to sclerosing agents, but the choice of these is of some importance. Thirteen years ago I started experimenting with carbolic-glycerin mixtures of various strengths, and for the last eight years have used a solution of 2% liquid phenol in 30% glycerin measured by volume. This solution is an adequate sclerosing agent, seldom causes undue reactions, is relatively harmless to the subcutaneous tissues, possibly due to the hygroscopic qualities of the glycerin leading to its dilution with tissue fluids, and is cheap and antiseptic, and can be stored in bulk. Haemoglobinuria has not been reported from its use, though it occurred at times with higher strengths. 15 ml. is the standard amount given at any one sitting, though 20 or 25 ml. has frequently been injected in divided doses. The only disadvantage to report is that vertigo sometimes occurs after injecting 5 ml. at one point, but this passes off in a minute or so, and further injections do not cause a return of the giddiness. A modification of this solution has been reported on by Dodd in this *Journal* (March 15, p. 366).

Another point in treatment I may be allowed to mention here is that the saphena vein may be thrombosed by mechanical damage

to the intima. For this purpose a "scraper" is used. This instrument consists of a metal tube (25 in. (63 cm.) is a convenient length) with a screw joint in the middle for ease of portability; and at the end is fixed a metal cylinder with a rounded end and roughened surface, which is passed down the saphena trunk after its division in the groin. The instrument will not pass a marked tortuosity in the vein, but obstructing valve cusps can be broken down safely with a few judicious jabs, and in most cases the roughened cylinder will reach at least as far as the knee, and in large veins can often be pushed its full length to the middle third of the leg. During this proceeding escape of blood is prevented from the upper end of the vein by a piece of catgut passed twice round the vein, the ends being held by an assistant. In the case of the left leg, when the scraper has been passed to its limit with the right hand, the fingers of the left hand are pressed against the vein, with the little finger opposite its lower end, and the scraper is moved up and down a few times and rotated if desired. This procedure is repeated a hand's breadth at a time in an upward direction till the whole length of vein is dealt with. If it is desired to inject the vein at operation, the tube of the instrument is filled with solution to displace air before it is passed, and when it has been pushed down to its limit 10 ml. of the solution mentioned above is injected and the "scrapping" then proceeded with.

Boyd and Robertson give evidence to suggest that injection below the knee is unlikely to be harmful, and, as mechanical thrombosis of the trunk above the knee cannot affect the intima of the deeper veins, the technique described appears to meet their criteria of safety in treatment. This may account for the lack of anxiety I have had with the method during the past four to five years.

The instrument is made by Messrs. Phillip Harris and Co., 44, Edmund Street, Birmingham, 3.—I am, etc.,

Birmingham.

J. W. RIDDOCH.

Homosexuals in Prison

SIR,—All workers in this field welcome Dr. F. H. Taylor's article (Oct. 4, p. 525), which puts forward the evidence of facts to take the place of speculation and theory. As he rightly says, it is the true invert whose case is of most interest, and several matters arise from his report of the 13 prisoners of this type who came under his care.

First, the facts refute a popular misconception that the natural homosexual is attracted to small boys, as among 13 true inverts only one was interested in boys. An invert turns towards adults of his own sex as naturally as a normal man is sexually attracted by a woman as a potential mate rather than by a child.¹ Homosexual offences against children are almost exclusively the prerogative of the pseudo-homosexual group, wherein over 50% exhibit mental subnormality, many of them being of the same mental age as the children they seek to seduce.

Secondly, the evidence from the series of true inverts might be used to give support to the theory that seduction in early youth or childhood is a dominant factor in the production of homosexuality, which is the view taken by Sir Norwood East and W. H. Hubert² and opposed by E. A. Bennet and others.³ This point of course is supremely important in connexion with the social as well as the clinical aspects of homosexuality. But the support given by this investigation is considerably weakened by a closer examination of the evidence which Dr. Taylor quite impartially puts forward. Among these 13 men androgynous physique was present in six cases: obviously the physique could not have been caused by the seduction, though the reverse might well have been true. The fallacy of *post hoc ergo propter hoc* can be excluded only by comparable statistics from a control series of non-homosexual prisoners. Some form of homosexual activity which can only be described as seduction is the experience of large numbers of public-school boys during their early teens, the incidence varying widely from school to school, but in some places it is certainly of the order of 50%; a similar figure is probable in other social strata, and it may well be even higher among the sub-intellectual group that contributes so largely to the prison population. The postulated connexion between seduction and later homosexuality can therefore be established only if a similar investigation among a control series of prisoners reveals a difference that is statistically significant. It is to be hoped that this evidence will be forthcoming, for without a knowledge of the facts further discussion is useless.