
Varicocele in relation to fertility

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24 male patients were suffering from primary varicocele. These patients were selected from attendant El-Demerdash, Banha and Shebeen El-Koom Hospitals. The study comprised complaints of the patients, symptoms and signs. Examination of patients was done thoroughly under adequate illumination, to exclude any type of varicocele other than primary type which is the subject of our study. The laboratory investigations were performed and semen analysis which showed oligozoospermia in 21 cases (87.5 %). Spermatic count was below 20 million/ml. The different operations done for treatment of varicocele and evaluation of the results in relation to fertility. Follow up of the cases and semen analysis after 10 - 12 weeks which is the proper time to detect the net results. Multiple ligatures is the operation of choice in this work. This operation gave a 66.6% (6 patients) maximum improvement, a 22.2% (2 patients) of moderate improvement and an overall incidence of satisfaction was 88.8%. This operation was found effective in mild and moderate degree of varicocele especially in the subfertile group (88.8 % satisfaction). The spermatic count after this operation rapidly increased, also there is improvement in morphology, volume and motility in 8 cases. The remaining one patient not reach the normal level. This operation was easily done and does not interfere with sympathetic nerve supply of the testis. It is not dangerous to the testicular artery. For the previous data this operation is considered by us as the best and the most successful one for surgical interference with varicocele •