

What Should Further Developments Dealing with Sexual Dysfunction in This Century Consist of ?

With the evolution of therapies for ED during the last few decades, and the greater awareness of the existence of effective treatments, more patients are requesting evaluation and treatment for their sexual dysfunction in this century. The rational approach for ED patients has changed to being goal orientated and patient directed. In some cases, the underlying etiology of ED needs to be diagnosed from detailed examinations. However, most patients are just looking for a convenient and effective treatment such as oral medications. At present, the diagnosis and treatment of ED have evolved to the point where virtually all kinds of organic ED can be successfully treated if patients can accept any kind of definite therapy. However, psychogenic factors as well as partner and marital relationships remain the most tough problem in dealing with the management of sexual dysfunction even after solving the erectile difficulty for the male. In fact, during the last 2-3 years (after the launching of sildenafil), scientists have shifted part of their attention from male sexual dysfunction and have generated tremendous research interest in understanding female sexual physiology and treatment options for female sexual dysfunction.³²⁻³³ I believe that more consideration of female sexual dysfunction, patient-partner counseling, and comprehensive sex therapy is the basis for further success of sexual dysfunction treatment in this century.

REFERENCE

1. Master, J. H., Johnson, V. E. Principles of the new sex therapy. *Am. J. Psychiatry*. 1976; **133**: 548-554.
2. Breaz, J., Aboseif, S. R., Orvis, B. R., Lue, T. F., Tanagho, E. A. Detailed anatomy of penile neurovascular structures: surgical significance. *J. Urol*. 1989; **141**: 437-443.
3. Lue, T. F., Takamura, T., Schmidt, R. A., Palubinskas, A. J., Tanagho, E.A. Hemodynamics of erection in the monkey. *J. Urol*. 1983; **128**: 1237-1241.
4. Goodwin, W. E., Scott, W. W. Phalloplasty. *J Urol* 1952; **68**:903.
5. Scott, G. E., Bradley, W. D., Timm, G. W. Management of erectile impotence. *Urology*. 1973; **2**: 80.
6. Michal, V., Kramar, R., Pospichal, J., Hejhal, L. Direct arterial anastomosis on corpora cavernosa penis in the therapy of erectile impotence. *Rozhledy Chirurgii*. 1973; **52**: 587-590.
7. Virag, R. Intracavernous injection of papaverine for erectile failure. *Lancet*. 1982; **2**: 938.
8. Zorgniotti, A. W., Lefleur, R. S. Auto-injection of the corpus cavernosum with a vasoactive drug combination for vasculogenic impotence. *J. Urol*. 1985; **133**: 39-41.
9. Goldstein, I., Lue, T. F., Padma-Nathan, H., Rosen, R. C., Steers, W.D., Wicker, P.A. Oral sildenafil in the treatment of erectile dysfunction. *New Engl. J. Med*. 1998; **338**: 1397-1404.
10. Bivalacqua, T. J., Hellstrom, W. J. Potential application of gene therapy for the treatment of erectile dysfunction. *J. Androl*. 2001; **22**: 183-190.
11. Eid, J. F. Sildenafil citrate: current clinical experience. *Int. J. Impot. Res*. 2000; **12**: S62-S66.
12. Sadovsky, R., Miller, T., Moskowitz, M., Hackett, G. Three-year update of sildenafil citrate (Viagra) efficacy and safety. *Int. J. Clin. Pract*. 2001; **55**: 115-128.
13. Padma-Nathan, H., McMurray, J. G., Pullman, W. E., Whitaker, J. S., Saoud, J. B., Ferguson, K. M., Rosen, R. C. IC351 On-Demand Dosing Study Group. On-demand IC351 (Cialis) enhances erectile function in patients with erectile dysfunction. *Int. J. Impot. Res*. 2001; **13**: 2-9.
14. Klotz, T., Sachse, R., Heidrich, A., Jockenhovel, F., Rohde, G., Wensing, G., Horstmann, R., Engelmamm, R. Vardenafil increases penile rigidity and tumescence in erectile dysfunction patients: a RigiScan and pharmacokinetic study. *World J. Urol*. 2001; **19**:32-39.
15. Dula, E., Bukofzer, S., Perdok, R., George, M. Double-blind, crossover comparison of 3 mg apomorphine SL with placebo and 4 mg Apomorphine SL in male erectile dysfunction. *Eur. Urol*. 2001; **39**: 558-564.
16. Garban, H., Marquez, D., Magee, T., Moody, J., Rajavashisth, T., Rodriguez, J. A., Hung, A., Vernet, D., Rajfer, J., Gonzalez-Cadavid, N. F. Cloning of rat and human inducible penile nitric oxide synthase. Application for gene therapy of erectile dysfunction. *Biol. Reprod*. 1997; **56**: 954-963.