

PROSTATE & EJACULATORY APPARATUS

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Preface

The prostate disease is a major problem of urologist. The medical and surgical management of prostate disease has undergone dramatic changes, and exploded in the last few years or decade. Advances in medical imaging, surgery and predictive tools are life-saving, increase life span, and relief the suffering symptoms of men. Trans-rectal ultrasonography, P.S.A. and medical treatments play a major role.

This is a short comprehensive book for medical students, general practitioners and those who are interested on.

I am glad that I was one of the first pioneers to performed trans-rectal ultrasonography (TRUS) of prostate in Iran. I also determined the normal size of prostate in our race, the incidence of PCa. In abnormal P.S.A., Prostatitis, related urinary dysfunction, also disorders of ejaculatory apparatus.

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Anatomy and Embryology of Prostate

Introduction

History of prostate goes back to 300 years.

1-Vaslius and Gerard published comparative anatomy in 1674 about rat prostate.

2-In 1685 Samuel Collins described as a clinical entity the significance of prostate on bladder obstruction.

3-In 1769 by one of the founders of modern pathology; Morgagni, he was able to identify not only the site of origin for prostate hyperplasia and also prevalence of the disease of elderly men.

4-In late nineteenth century, in Germany a large number of papers were published for describing embryological development of accessory sex glands and urogenital. But Lowsley's (1912 New York) diagram of new borne male prostate was the most influential of all.