Although radical prostatectomy was introduced in 1905, few cases of prostate cancer were diagnosed at a stage amenable to curative resection. Megavoltage equipment that could safely deliver a curative dose of radiation to the prostate did not become widely available until the 1960's. To fill this therapeutic void, leading urologists often turned to brachytherapy. This presentation follows the development of intracavitary and interstitial techniques during the second and third decades of the 20th century.