

Cryoablation (Cryotherapy)

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"Cryoablation is a safe, state of the art treatment for small to medium sized renal tumors. This procedure is on the forefront of medical advancement and is shown to produce excellent results. I highly recommend this treatment option for eligible patients."



Keith D. Bloom, M.D.

Dr Bloom is an attending urologist at North Shore University Hospital, Manhasset and St. Francis Hospital, Roslyn and completed both his internship and residency at Harvard Medical School-Brigham & Womans Hospital. He has a special interest in laparoscopic and renal surgery. In addition to general urology, Dr. Bloom specializes in urologic oncology, laparoscopy and stone disease.

Cryoablation (Cryotherapy) is a surgical technique that destroys tumor tissue by freezing it. Through the use of highly specialized cooling rods, the cells of a tumor are frozen starting at the center of the lesion. Vital structures (non-tumorous), such as blood vessels, are not disturbed by the freezing process. Cryoablation is an excellent tool for urologists to use in the treatment of certain kidney tumors.

Paired with laparoscopy, cryoablation makes treatment of small to medium sized renal masses less invasive. This translates into shorter hospital stays and less significant complications without compromising treatment efficacy.

Cryoablation of kidney tumors performed laparoscopically generally requires patients to remain in the hospital for 24 hours. Often, a specialized ultrasound probe is used to guide surgeons in precisely locating tumors within the kidney to accurately treat cancers while leaving healthy kidney tissue unharmed. Furthermore, very little bleeding (if any) occurs during or after cryoablation of renal tumors.

To make an appointment or for more information, please call 516.627.6188 ext. 149