CLAIMS:

What is claimed is:

1. A prostate treatment system, comprising:

an imaging system configured to provide real-time images of a patient's prostate;

an introducer shaft sized and configured for transurethral access into the patient;

a vapor delivery needle slidably disposed within the introducer shaft, the vapor delivery needle being configured to oscillate so as to enhance visibility of the vapor delivery needle in the real-time images from the imaging system; and

an advancement mechanism coupled to the therapy needle and configured to advance the vapor delivery needle from the introducer shaft through a prostatic urethra into the patient's prostate.

2. The prostate treatment system of claim 1, further comprising a magnet coupled to the vapor delivery needle, wherein the advancement mechanism comprises a push pull solenoid driver configured to move the magnet to advance and retract the vapor delivery needle.

3. The prostate treatment system of claim 2, wherein the solenoid driver is configured to oscillate the vapor delivery needle during vapor delivery.

4. The prostate treatment system of claim 1, further comprising a piezoelectric crystal disposed on or in the introducer shaft, the piezoelectric crystal being electrically coupled to a signal generator and configured to oscillate the vapor delivery needle during vapor delivery.

5. The prostate treatment system of claim 1, further comprising a piezoelectric crystal disposed on or in the vapor delivery needle, the piezoelectric crystal being electrically coupled to a signal generator and configured to oscillate the vapor delivery needle during vapor delivery.

6. The prostate treatment system of claim 1, further comprising a balloon disposed on or in the introducer shaft, the balloon being operatively coupled to a supply lumen, wherein rapid inflation and deflation of the balloon is configured to oscillate the vapor delivery needle during vapor delivery.

7. The prostate treatment system of claim 1, further comprising a balloon disposed on or in the vapor delivery needle, the balloon being operatively coupled to a supply lumen, wherein rapid inflation and deflation of the balloon is configured to oscillate the vapor delivery needle during vapor delivery.

8. The prostate treatment system of claim 1, further comprising a shape memory foil disposed on or in the introducer shaft, the shape memory foil being electrically coupled to a signal generator and configured to oscillate when current from the signal generator is passed through the shape memory foil to oscillate the vapor delivery needle during vapor delivery.

9. The prostate treatment system of claim 1, further comprising a shape memory foil disposed on or in the vapor delivery needle, the shape memory foil being electrically coupled to a signal generator and configured to oscillate when current from the signal generator is passed through the shape memory foil to oscillate the vapor delivery needle during vapor delivery.

10. The prostate treatment system of claim 1, further comprising a solenoid coil disposed on or in the introducer shaft, the solenoid coil being configured to strike the introducer shaft or the vapor delivery needle to oscillate the vapor delivery needle during vapor delivery.

11. The prostate treatment system of claim 1, further comprising a solenoid coil disposed on or in the vapor delivery needle, the solenoid coil being configured to strike the introducer shaft or the vapor delivery needle to oscillate the vapor delivery needle during vapor delivery.

12. The prostate treatment system of claim 1, wherein the imaging system comprises a Doppler ultrasound imaging system.

13. A prostate treatment device, comprising:

an introducer shaft sized and configured for transurethral access into the patient;

a vapor delivery needle slidably disposed within the introducer shaft;

one or more electrodes disposed on the vapor delivery needle;

one or more leads electrically connected to the one or more electrodes and configured to run along a length of the vapor delivery needle;

an advancement mechanism coupled to the therapy needle and configured to advance the vapor delivery needle from the introducer shaft through a prostatic urethra into the patient's prostate; and

a PCB disposed proximally of the advancement mechanism, the PCB comprising exit holes for the one or more leads and a PCT interconnect configured to electrically couple the one or more leads to a flexible wire lead that extends proximally away from the advancement mechanism.

14. The prostate treatment device of claim 13, wherein the one or more leads include slack between where the one or more leads extend from the exit holes and where the one or more leads connect to the PCT interconnect.

15. The prostate treatment device of claim 14, wherein the slack is provided in the one or more leads due to differential thermal expansion between the one or more wire leads and the vapor delivery needle during vapor delivery.

16. A prostate treatment device, comprising:

an introducer shaft sized and configured for transurethral access into the patient;

a vapor delivery needle slidably disposed within the introducer shaft;

a device body coupled to the introducer shaft and the vapor delivery needle; and

a handle comprising one or more controls for operation of the prostate treatment device, wherein the handle is detachable from the device body and configured to control operation of the prostate treatment device when the handle is attached to the device body and when it is detached from the device body.

17. The prostate treatment device of claim 16, wherein the handle is configured to control vapor delivery.

18. The prostate treatment device of claim 16, wherein the handle is configured to control saline delivery.

19. The prostate treatment device of claim 16, wherein the handle is configured to control vapor delivery needle advancement and retraction.

20. A surgical therapy system, comprising:

a patient table;

a horizontal adjustment rail;

a first stabilizer arm coupled to the horizontal adjustment rail, the first stabilizer arm comprising an unlocked state in which the first stabilizer arm can be adjusted to any desired bend or position and a locked state in which the bend or position of the first stabilizer arm is locked in place, the first stabilizer arm being adjustable axially along the horizontal adjustment rail relative to the patient table;

a second stabilizer arm coupled to the horizontal adjustment rail, the second stabilizer arm comprising an unlocked state in which the second stabilizer arm can be adjusted to any desired bend or position and a locked state in which the bend or position of the second stabilizer arm is locked in place the second stabilizer arm being adjustable axially along the horizontal adjustment rail relative to the patient table;

an imaging system coupled to the first stabilizer arm; and

a therapy system coupled to the second stabilizer arm.

21. The surgical therapy system of claim 20, wherein the therapy system comprises a vapor therapy system.

22. The surgical system of claim 20, wherein the imaging system comprises a transrectal imaging probe.