

CLAIMS

1. A method of ablating a tissue region within a human subject comprising:
 - a) providing a laparoscopic instrument having a grasping portion and a microwave ablation probe comprising:
 - a microwave emission section, a rigid section, and a flexible section,
 - wherein the microwave emission section is positioned distal to the rigid section,
 - wherein the rigid section is positioned distal to the flexible section,
 - wherein the rigid section comprises one or more protrusions configured to engage with a grasping portion of a laparoscopic instrument,
 - wherein the microwave emission section is configured to emit microwave energy,
 - b) grasping the one or more protrusions of the microwave ablation probe with the grasping portion of the laparoscopic instrument,
 - c) positioning the microwave emission section of the microwave ablation probe at a desired tissue location, and
 - d) delivering microwave energy to the desired tissue location with the microwave ablation probe under conditions such that the desired tissue region is ablated.