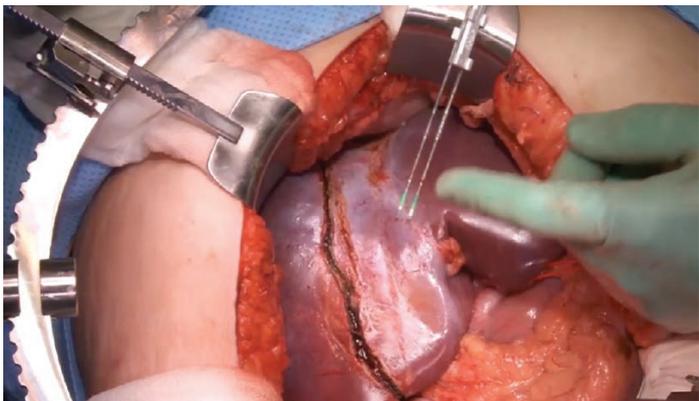
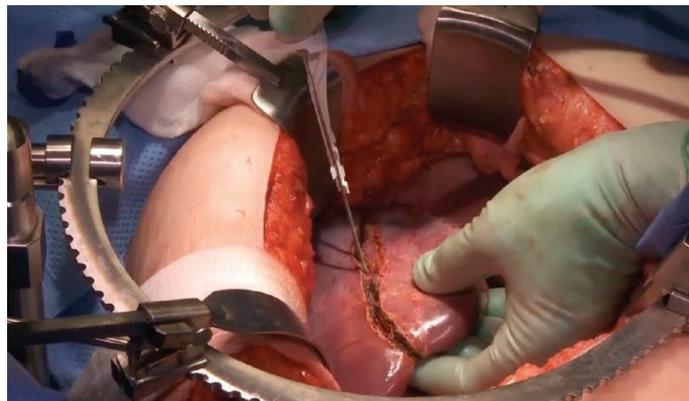


# Microwave Assisted Formal Right Hepatectomy\*

Steven Trocha, M.D., Greenville, SC



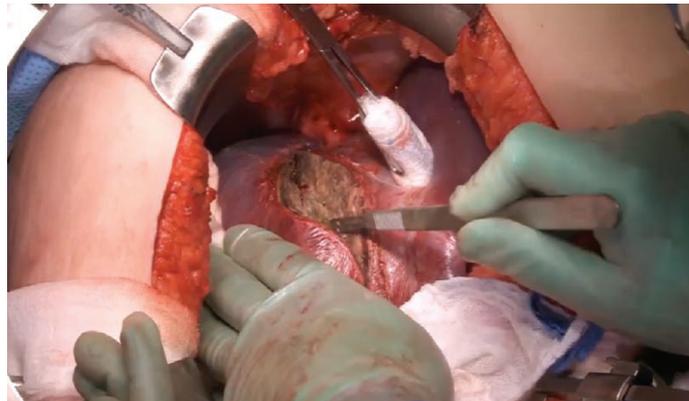
**1** Dr. Trocha makes sure probes are inserted at least 1mm beyond the solid green area of the probes.



**2** Two ablation probes used to create a plane of ablated tissue prior to transection.



**3** Microwave energy delivered in 20 second bursts at 65W per probe.



**4** After first pass of microwave ablation, Dr. Trocha transects through parenchyma with a scalpel.

## Case study highlights:

### Blood loss:

170 cc includes right hepatectomy, non-anatomic resection, and target ablation

### Follow-up:

100% of target tissue ablated

### Advantage:

Successful pre-transection coagulation enabled minimal blood loss & a dry surgical field



**15 minutes**  
of active ablation

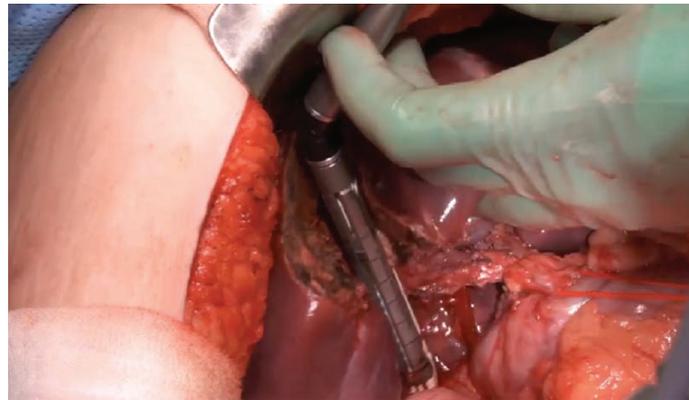
**ETHICON**

PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

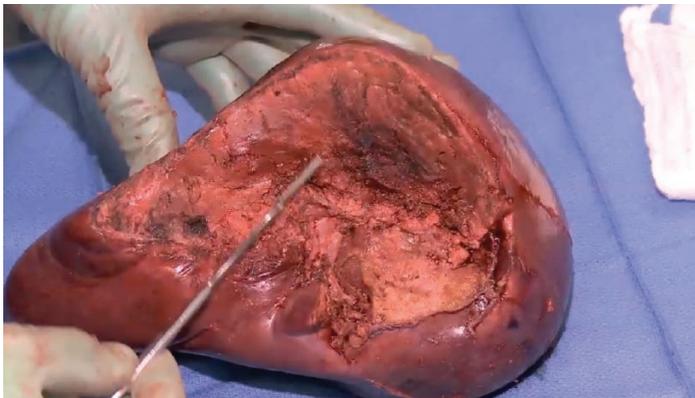
## Microwave Assisted Formal Right Hepatectomy continued...



**5** Second pass of microwave energy applied deeper into the liver parenchyma.



**6** Procedure completed in combination with ECHOLON FLEX™ ENDOPATH® Stapler for larger vascular structures.



**7** Visualization of liver specimen transection plane.



**8** Assessing transection plane on liver remnant.

**Results:** “As we transected across, we were able to maintain a fairly bloodless field by combining pre-transection microwave coagulation and vascular stapling for larger venous structures.”

— Steven Trocha, M.D., Greenville, SC

### DISCLAIMER:

The examples provided here are for educational and informational purposes only and this information is being provided by NeuWave Medical, Inc. to support the exchange of clinical experiences among physicians. The information in these cases is not meant to convey recommendations from NeuWave Medical, Inc. regarding appropriateness for a particular patient, power and time settings, final ablation zone size and shape or other procedure guidance. This site and these studies are not meant to render medical advice. NeuWave Medical, Inc. makes no representations and assumes no liability regarding the accuracy of the information provided herein or the effectiveness of any of the treatment or for any action or inaction you take based on or made in reliance on the information. When planning a case, consider all unique aspects, including tissue type, lesion location, surrounding vasculature and proximity to critical structures when determining probe type and power/time settings. Consult the product Instructions For Use for information regarding expected ablation sizes.

The NEUWAVE™ Microwave Ablation System is cleared for the ablation (coagulation) of soft tissue in percutaneous, open surgical and in conjunction with laparoscopic surgical settings. The NEUWAVE™ Microwave Ablation System is not cleared for treatment of any specific disease or condition. The NEUWAVE™ Microwave Ablation System is not indicated for use in cardiac procedures. The system is designed for facility use and should only be used under the orders of a clinician. Clinicians should exercise their independent medical judgment in use of the system.

\*One hospital's experience. Results may vary.

Steven Trocha, M.D., is a paid consultant of NeuWave Medical, Inc.