

# Abstracts

## Sterile Docking Using Microwave Heating

---

*K.L. Carr and R.S. Grabowy. "Sterile Docking Using Microwave Heating." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1267-1270.*

Peritonitis is the single most limiting factor for patients undergoing Continuous Ambulatory Peritoneal Dialysis (CAPD), a treatment associated with End Stage Renal Failure (ESRD). A device which destroys microorganisms that are recognized to be the most problematic in causing peritonitis has been developed and will be described. Moist heat has proven to be the most effective technique for disinfecting the inner lumen of commercially available medical connectors. Moist heat, using microwave heating, has proven to be the most effective and rapid technique. This device represents the first microwave-based medical product specifically designed for home or office use by the patient.

 [Return to main document.](#)