

Abstract Submitted
for the GEC09 Meeting of
The American Physical Society

Plasma-Chemical Removal of Tissue CAMERON MOORE, IL GYO KOO, GEORGE COLLINS, Colorado State University — We report the use of plasma generated chemical species to affect a strong enhancement in removal of ex vivo tissue. The data show a demonstrable, perhaps predominant, chemical component which contributes to tissue removal. Effects expected from purely thermal processes are also observed to be limited. These initial studies have also shown the ability to create high aspect ratio regions of removed tissue, indicative of a directional process.

Cameron Moore
Colorado State University

Date submitted: 12 Jun 2009

Electronic form version 1.4