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Title of thesis: Comparison between pneumatic lithotripsy and laser stone dusting in management of ureteric stones ≥ 1.5 cm.

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Approval:30-4-2017

Abstract

Key words: pneumatic, laser, lithotripsy, ureteric stones.

Ureteral calculi represent a common condition that urologists encounter in everyday practice. Several treatment options are available for calculi that do not pass spontaneously or are unlikely to do so.

Aim of the study

This is a randomized prospective study included 40 patients aimed to compare pneumatic lithotripsy and laser stone dusting with regard to efficacy and safety in treatment of ureteric stones ≥ 1.5 Cm.

In conclusion, both laser stone dusting and pneumatic lithotripsy are effective and safe in treating large ureteric stones. However, laser stone dusting is associated with higher stone free rate and lower complications.