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Radiologic relation of the colon to the trajectory of percutaneous nephrolithotomy access in prone versus flank free modified supine position: A prospective study of intra and inter-individual influencing factors

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Abstract

OBJECTIVES: To compare the distance between the colon and the trajectory of PCNL access both in prone and FFMS positions as measured on CT and to study the effect of age, gender, BMI, side and previous renal surgery as influencing factors.

METHODS: In this prospective study, we included 367 patients scheduled for PCNL. All patients underwent low dose abdominal CT both in prone and FFMS positions. Patients <18 years and those with previous colonic surgery and/or renal congenital

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