Objective: There is conflicting data on prognostic implications of subclassification of pRCC. We aim to determine whether histological subtyping can be considered as a prognostic factor for survival.

Methods: A bicentric retrospective study compared clinicopathologic features and survival in patients treated surgically for 164 Type 1 and 198 Non Type 1 pRCC.

Results: Non Type 1 pRCC tumors were associated with more aggressive histological characteristics. Overall survival, cancer free survival and specific survival were significantly lower in Non Type 1 pRCC group. 92% Non Type 1 tumors were high Fuhrman grade lesions, which was the only histological prognostic factor for overall survival on multivariate analysis.

Conclusion: Non Type 1 pRCC is strongly associated with high grade and survival is significantly lower when compared to Type 1 pRCC.