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Ex-vivo confocal fluorescence microscopy for rapid evaluation of renal core biopsy.

Mir MC, Bancalari B, Calatrava A, Casanova J, Dominguez Escrig JL, Ramirez-Backhaus M, Gomez-Ferrer A, Collado A, Wong A, Iborra I, Sanmarti O, Rubio-Briones J. *Minerva Urol Nefrol.* 2020 Feb;72(1):109-113. doi: 10.23736/S0393-2249.19.03627-0. Epub 2019 Dec 12.

ABSTRACT

Small renal mass incidentally diagnosed are common findings nowadays due to the widespread of imaging. Renal mass biopsy is still underutilized by urologists due to its non-diagnostic rates. Confocal microscopy allows for rapid imaging of fresh tissue samples. We report the feasibility of using confocal technology for determining the quality of the renal core at renal mass biopsy on 4 consecutive cases at our institution. PMID: 31833726 DOI: 10.23736/S0393-2249.19.03627-0