

Point to point author's reply

Reviewer #1: This is very well written review. My criticism is as follows: Management of post-biopsy complications should be covered more extensively especially pharmacological treatment even off-label drug use (i.e. recombinant activated factor VII).

REPLY We agree with this criticism and this important issue was improved

Radiologists usually perform renal biopsy in USA whereas in Europe over 80% of biopsies are done by nephrologists

REPLY we reported a recent survey, added this sentence: *A recent european survey stated that in 60% of the centers renal biopsy is performed by nephrologists, in 30 % by radiologists and in 5% by nephrologists and radiologists*

Reviewer #2: This is a review article. It is well written and provides comprehensive information about renal biopsy practice. Moreover it provides general information regarding the historical evolution of the procedure, side effects as well as alternative diagnostic technics. Minor concerns: The authors have to review the grammar as well as the references section

REPLY The grammar has been checked by an English native person and the references section has been reviewed

Reviewer #3: This review paper is well-written and provides comprehensive information about renal biopsy practice. Some points should be revised. 1. It may be better to add the section of indication for kidney biopsy.

REPLY We added a table with indications for renal biopsy

2. page 6, line 22-24: Reference no. 17 did not show the content describe here. Dr. Haars suggested that routine use of EM to evaluate renal biopsy is not wasteful or frivolous and recommended that renal tissue for EM be set aside in each case if EM cannot be performed routinely.

REPLY: We agree with the reviewer and reported, correctly, the meaning of suggestions of Dr Haas. See the the following sentence: *However, due to the relevance of EM in some specific glomerular disease, it has been recommended that renal tissue for EM be set aside in each case if EM cannot be performed routinely*

3. page 6, line 25: “LM e IF” What does it mean?

REPLY for the meaning see the last three lines of the previous paragraph

4. page 10, the section of “Alternative approaches for the renal biopsy: Open kidney biopsy should be added to this section.

REPLY This alternative approach has been added

5. page 11, line 11-13:What does it mean? There is a grammatical error. Please revised this sentence.

REPLY: we changed the sentence in order to make it clear.

Reviewer #4:

Visconti L et al. reported comprehensive review in renal biopsy. This reviewer has some minor comments. 1. The authors stated that “in 2011 Lane et al showed that radiologists were the main performers of this technique (figure 1) [9-10]” (P4, L4-5). Is this universal? In my country in Asia radiologists rarely perform needle renal biopsy.

REPLY See the reply to the reviewer #1

2. The authors described that “(EM) (fixed in 2–3% glutaraldehyde or 1–4% paraformaldehyde)”

(P4, L4 from last line). I do not think that 1% paraformaldehyde is enough to fix the renal specimens well for EM. Confirm this and cite reference for this.

REPLY Appropriated reference was added

3. The statement “The treatment of symptomatic cases is based on superselective transcatheter arterial embolization or, in rare cases, surgery.” (P6. L6-7 from the last line) needs appropriated references.

REPLY :Appropriated references were added