Reviewer's report

Title: Minimal change nephrotic syndrome in an 82 year old patient following a tetanus-diphtheria-poliomyelitis-vaccination

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Reviewer: audard vincent

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Clajus et al report the case of a patient with MCNS diagnosis that occurred 6 weeks after a vaccination for tetanus, diphtheria and poliomyelitis suggesting (according to the authors) a close relationship between these two events.

Major concerns

- The patient previously received in April 1998 a vaccination for tetanus diphtheria and poliomyelitis without nephrotic syndrome occurrence. Why the same vaccination protocol may induce or not nephrotic syndrome? This point should be discussed
- The regular medication of this patient included diclofenac treatment that is a known cause of toxic MCNS. MCNS related to Diclofenac treatment may sometimes occurred with a long delay after Diclofenac exposure (Yinnon AM et al Br Med J 1987 ; 295 :556. Champion de Crespigny PJ et al Cli Nephrrol 1998 ; 30 : 52-5). To my opinion, in this case, we can not exclude that MCNS diagnosis is more related to Diclofenac exposure rather than vaccination.

Minor concerns

Please modify in the abstract « nephritic syndrome » by « nephrotic syndrome »
MCNS is not an inflammatory disease but the authors claimed that « MCNS might be related to the vaccination possibly due to hypersensitivity syndrome » I think that the following sentence could be more appropriate « In this patient MCNS occurrence might be related to immune challenge initiated by vaccination».
Could the authors indicate the value of microscopic hematuria observed in this patient?
The authors should include in the discussion section the article of Abeyagunawardena AS et al about risk of nephrotic syndrome relapse after meningococcal C conjugate vaccine

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published
**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests