

Reply to: Technical Comment on "Saccadic eye movement performance as an indicator of driving ability in elderly drivers"

Other Journal Item**Author(s):**

Schmitt, Kai-Uwe; Seeger, Rolf; Fischer, Hartmut; Lanz, Christian; Muser, Christian; Walz, Felix; Schwarz, Urs

Publication date:

2015-10-27

Permanent link:

<https://doi.org/10.3929/ethz-b-000113132>

Rights / license:

[Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International](#)

Originally published in:

Swiss Medical Weekly 145, <https://doi.org/10.4414/smw.2015.14195>

Reply to: Technical Comment on “Saccadic eye movement performance as an indicator of driving ability in elderly drivers”

Kai-Uwe Schmitt^{a,b}, Rolf Seeger^c, Hartmut Fischer^b, Christian Lanz^b, Markus Muser^b, Felix Walz^b, Urs Schwarz^d

^a University and ETH Zurich, Institute for Biomedical Engineering, Switzerland

^b Arbeitsgruppe für Unfallmechanik (AGU Zürich), Zurich, Switzerland

^c University of Zurich, Institute for Legal Medicine, Division Traffic Medicine, Switzerland

^d University Hospital Zurich, Department of Neurology, Switzerland

With regard to the letter by Vaucher et al., it should be stressed that neither the premise of our study nor our conclusions are reflected correctly in this comment. As described in our paper, it is not intended to use solely a saccadic eye test to make a final decision on the ability to drive. However, our study indicates that such a test can be helpful as a screening tool, i.e. as a first step determinant to pre-select individuals who are likely to perform poorly as a driver and thus need a more detailed assessment. Given the high number of examinations that can be expected owing to our aging population, we believe that

efficient and reliable test procedures are necessary to assess the ability to drive.

Correspondence: Kai-Uwe Schmitt, PhD, University and ETH Zurich, Institute for Biomedical Engineering, Gloriastrasse 35, CH-8092 Zurich, Switzerland, [Schmitt\[at\]ethz.ch](mailto:Schmitt[at]ethz.ch)

Letter to the Editor:
<http://www.smw.ch/content/smw-2015-14194/>