

Einfluss von Ethanol auf die Kontrast- und Blendempfindlichkeit

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Literatur

- [1] Bundesministerium für Verkehr, Bau und Stadtentwicklung. Fahrerlaubnisverordnung (FeV) Anlage 6 - Einzelnorm. 2010. https://www.gesetze-im-internet.de/fev_2010/anlage_6.html. Accessed 24 Jul 2018.
- [2] Fahreignungsbegutachtung für den Straßenverkehr, Anleitung für die augenärztliche Untersuchung und Beurteilung der Eignung zum Führen von Kraftfahrzeugen (6. Auflage). 2013.
- [3] Wilhelm H, Peters T, Durst W, Roelcke S, Quast R, Hüttten M, et al. Assessment of mesopic and contrast vision for driving licences: which cut-off values, which methods are appropriate? *Klin Monbl Augenheilkd*. 2013;230:1106–13.
- [4] Cavalcanti-Galdino MK, Silva JA da, Mendes LC, Santos NA da, Simas MLB. Acute effect of alcohol intake on sine-wave Cartesian and polar contrast sensitivity functions. *Braz J Med Biol Res*. 2014;47:321–7.
- [5] Nicholson ME, Andre JT, Tyrrell RA, Wang M, Leibowitz HW. Effects of moderate dose alcohol on visual contrast sensitivity for stationary and moving targets. *J Stud Alcohol*. 1995;56:261–6.
- [6] Pearson P, Timney B. Effects of moderate blood alcohol concentrations on spatial and temporal contrast sensitivity. *J Stud Alcohol*. 1998;59:163–73.
- [7] StVG. § 24a StVG - Einzelnorm. 2014. https://www.gesetze-im-internet.de/stvg/_24a.html. Accessed 24 Jul 2018.
- [8] Ewing JA. Detecting alcoholism. The CAGE questionnaire. *JAMA*. 1984;252:1905–7.
- [9] Widmark EMP. Die theoretischen Grundlagen und die praktische Verwendbarkeit der gerichtlich-medizinischen Alkoholbestimmung. Berlin, Wien: Urban & Schwarzenberg; 1932.
- [10] Seidl S, Jensen U, Alt A. The calculation of blood ethanol concentrations in males and females. *Int J Legal Med*. 2000;114:71–7.
- [11] Mortimer RG. Effect of Low Blood-Alcohol Concentrations in Simulated Day and Night Driving. *Percept Mot Skills*. 1963;17:399–408.
- [12] Watten RG, Lie I. Visual functions and acute ingestion of alcohol. *Ophthalmic Physiol Opt*. 1996;16:460–6.
- [13] Miyao M, Ishikawa H, Ito M, Teo PC, Furuta M, Ishigaki H. Effect of a low dose of alcohol on dynamic visual acuity. *Percept Mot Skills*. 1994;78 3 Pt 1:963–7.
- [14] Grütters G, Reichelt JA, Ritz-Timme S, Thome M, Kaatsch HJ. Impairment of safety in navigation caused by alcohol: impact on visual function. *Ophthalmologe*. 2003;100:391–5.
- [15] Andre JT, Tyrrell RA, Leibowitz HW, Nicholson ME, Wang M. Measuring and predicting the effects of alcohol consumption on contrast sensitivity for stationary and moving gratings. *Percept Psychophys*. 1994;56:261–7.
- [16] Zulauf M, Flammer J, Signer C. Short-term influence of alcohol on spatial brightness contrast sensitivity. *Ophthalmologica*. 1988;197:159–65.
- [17] Watten RG, Lie I. Visual functions and acute ingestion of alcohol. *Ophthalmic Physiol Opt*. 1996;16:460–6.
- [18] Quintyn JC, Massy J, Quillard M, Brasseur G. Effects of low alcohol consumption on visual evoked potential, visual field and visual contrast sensitivity. *Acta Ophthalmol Scand*. 1999;77:23–6.
- [19] Castro JJ, Pozo AM, Rubiño M, Anera RG, Jiménez Del Barco L. Retinal-image quality and night-vision performance after alcohol consumption. *J Ophthalmol*. 2014;2014:704823.
- [20] Reichelt JA, Grütters G, Ritz-Timme S, Grütters M, Kaatsch HJ. Impairment of safety in navigation caused by alcohol: pupillometry and measurement of pupil movements. *Ophthalmologe*. 2003;100:396–401.
- [21] Berke A, Rauscher C. Altern und Auge. 1st edition. Heidelberg: DOZ-Verlag Optische Fachveröffentlichung; 2007.