

視覺能力對安全駕駛之影響分析與換照制度之探討

張建彥, 吳繼虹, 王世杰

運輸科技與物流管理學系

管理學院

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摘要

Driving performance is essentially related to drivers' physical ability. According to the prior study, more than 90% of roadside and on-road information are collected by human eyes. Obviously, visual ability is an important influence factor to safe driving. Many foreign countries have noticed the importance of visual ability on driving safety. They also include visual ability as a primary examination item in the relicensing system. Furthermore, some countries developed a reporting system to request drivers and/or doctors to report to the licensing agencies if drivers cannot satisfy the visual requirements of fitness to drive. The relicensing system in our country, on the other hand, need to be reviewed and some regulations and rules on drivers' visual abilities have to be implemented. This study reviews the associations between visual ability and fitness to drive and analyzes the importance of visual ability. In addition, this study summaries some current regulations and rules on visual ability in several developed countries and Taiwan. The findings of this study point out that our relicensing system needs to be reexamined and it is very important to introduce a substantial medical evaluation system into the licensing system.

關鍵字：Visual Ability, Safety Driving, Fitness To Drive.