

Moodle contents of learning sighted guide techniques for guide dog user

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Introduction: An accident involving loss of guide dog user's (GDU's) life occurred at Aoyama 1 Chome Station of Tokyo Metro Ginza Line on August 15, 2016 in Japan. In general atmosphere, we have some resistance of talking to a GDU using a guide dog (GD). However if the nearest man of the fallen GDU had talked to him, he might not have died. Most of visually impaired people including GDUs say that don't hesitate to talk to them in dangerous situation like on the train platform.

Objective: The purpose of this manuscript is to promote a better understanding of GDUs on guiding them.

Methods: Sekita et al. presented Moodle contents of Shirogame-Style Basic Sighted Guide Techniques in IMC 15. Moodle is known as an open source learning platform and is widely used in education fields. In order to promote it, the Moodle contents are expanded for guiding GDUs.

Results: How to use a GD is mainly classified into two types; To grasp a metal handle of a GD, and to grasp a strap lead. In the former case a GD works to assist its user for safety, and in the latter case a GD is off-duty of the assistance. When we guide a GDU, it is important to know which type the GDU uses. In the Moodle contents in several scenes, both types are considered, and the type is clearly indicated in sighted guide techniques.

The Moodle contents can be accessible for not only login users but also guest users. The guest users don't have to register their e-mail addresses etc. and can only access Learning-form easily. The login users can access Quiz-form also and can maintain history of Quiz results.

Some user of the contents said that the contents have many video contents and are easily comprehensible, and they obtained new knowledge about GDUs.

Conclusions: We hope that the proposed contents make the resistance of assisting a GDU lower, and the mobility of visually impaired people becomes safer.

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