

Training of Tracheal Intubation by Emergency Life Saving Technicians at Fukuoka University Hospital

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Abstract : The training of tracheal intubation among surgical patients by emergency life saving technicians under the supervision of board certified anesthesiologists has been conducted since May 23, 2005 at Fukuoka University Hospital. We herein report the results of this training. Five emergency life saving technicians completed the training by March 15, 2006. Two hundreds and thirty-four patients were asked to participate in this training program. Among them, 177(75%) gave informed consent to undergo tracheal intubation by the emergency life saving technicians. Among the 177 patients, eight were excluded from the training because their vocal cords were difficult to visualize using direct laryngoscopy by a board certified anesthesiologist. In the remaining 169, the tracheas of 151(89%) were intubated by the emergency life saving technicians. In addition, the tracheas of 18(11%) could not be intubated by the emergency life saving technicians after two attempts.

Key words : Emergency life saving technician, Tracheal intubation training, Medical control, Airway