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**Title:** The impact of hands-on respiratory management for physicians in clinical practice and its future perspective

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**Body:** Introduction; To respond the demands of systemic mechanical ventilation management education, the Respiratory Management Hands-on Workshop for Physicians in-training (RMWP) began in November of 2010 as an extracurricular program, followed by the Brush-up workshop for supervisory doctors in July of 2011. Objectives; To evaluate the impacts and the value of RMWP on clinical practice and to establish a future direction, we conducted a pre/post-test, a questionnaire on the contents, and a post-survey of the workshop attendees via the Web. Methods; The pre/post-test and the anonymous questionnaire were conducted during the workshops. As for the post-survey, the e-mail with questions regarding workshop was sent in September 2011 to the attendees of the workshop and the first 1-day brush-up workshop for advisory doctors'. Results; The attendees' knowledge base requiring for respiratory management was not correlated with experiences of mechanical ventilation. In regard to the post-survey, a total of the 55% (61 out of 111) answered. There are two remarkable findings. Firstly, the number of physicians using Assist-Control mode increased, whereas SIMV mode decreased. Secondly, the lecture of Graphic monitoring & Lung mechanics, although the lecture had been marked as less useful than others in the questionnaire taken right after the workshop, was marked as the most useful lecture in their practice. Conclusions; The results of post-survey indicated the potential to change physicians' behavior in respiratory management. RMWP should provide both lectures and practice sessions with expert eyes to overcome the physicians' misunderstandings and lack of the whole picture.