

## Spreading, introduction of several techniques, and technological improvement of respiratory endoscopy in Vietnam 19<sup>th</sup> MAR. 2025

- EBUS and bronchoscopy are the world's leading fields in Japan. Bronchoscopy is one of the basic elements of respiratory clinical practice, but bronchoscopy technology such as EBUS-TBNA, which is important in clinical practice even in the world guidelines, has not been introduced in Vietnam. This project is being renewed for a single year, and in 2017-2019, we succeeded in implementing EBUS on a demonstration machine in Vietnam, implementing about 100 cases at a total of 8 hospitals, and a total of 45 doctors at 12 facilities, and help approving of health insurances. After training, some hospitals are beginning to purchase and introduce EBUS, but In 2020 and 2021, due to the influence of COVID-19, only some simple alternative projects were implemented, so equipment purchase Pending at 7 hospitals, equipment purchased but has not started at 2 hospitals, and the number of cases has not increased at 2 hospitals that have already been started EBUS. In addition, the Vietnamese Respiratory Society has requested assistance in introducing new technologies such as internal medical thoracoscopy and cryobiopsy. Over the next three years from 2025, the aim is to (1) quickly deploy the system to major hospitals nationwide, and (2) incorporate EBUS into educational courses at teaching hospitals.
- With the cooperation of the Olympus Vietnam Chapter, the NCGM Department of Respiratory Medicine will be conducted mainly by a Japanese specialist (doctor) who can provide direct instruction in Vietnamese. The Vietnamese Respiratory Society, which we cooperate with, will fairly recruit competent doctors from major hospitals throughout Vietnam. Trainees will be trained at NCGM for 3 weeks. After returning to Vietnam, experts will visit the trainees' medical institutions to give lectures and practical training. We will carry out early deployment of EBUS and the other respiratory endoscopy throughout Vietnam. We will also offer one 11-day course to improve the level of those who have already taken and to learn applied matters.
- The widespread use of the world-standard bronchoscopic procedure required for medical treatment will bring health benefits to the enormous number of patients throughout Vietnam. While aiming to incorporate it into medical insurance, it will be disseminated to core hospitals throughout Vietnam within a few years. Regarding the aforementioned (1) and (2), this project and the Vietnam Respiratory Society will promote the project and improve the level of EBUS at each teaching hospital (introduce it to facilities that have not yet introduced it), so that they can be spread to the provincial hospital level within 10 years.

