



## Taiwan MOOCs

A massive open online course (MOOC /mu:k/) is an online course aimed at unlimited participation and open access via the web. MOOCs provide interactive user forums to support community interactions among students, professors, and teaching assistants (TAs). MOOCs link: <https://www.ewant.org/local/enterprise/coursespage.php?id=77>

### Effects:

1. Students can obtain certificate of course certification.
2. After this training, you can also get 2 credit hours of TMU International Master/Ph.D. Program in Medicine of 「Seminars of Clinical Studies」 course and also be linked to TMU advanced curriculum.

## The aim of MOOCs-Lung medicine and rehabilitation

1. Professional cognition of basic cardiopulmonary rehabilitation therapy.
2. Correctly implement the clinical nursing skill of cardiopulmonary rehabilitation.
3. Therapeutic effect of clinical cardiopulmonary rehabilitation.

Title of Course	contents	Hours and Schedules
<b>Pulmonary Rehabilitation</b>	<ol style="list-style-type: none"> <li>1. Respiratory physiology</li> <li>2. Timing of Pulmonary Rehabilitation</li> <li>3. Pulmonary rehabilitation in COPD</li> <li>4. Pulmonary rehabilitation in Asthma</li> <li>5. Pulmonary rehabilitation in Bronchiectasis</li> <li>6. Pulmonary rehabilitation in non-COPD lung disease</li> <li>7. Environmental lung disease</li> <li>8. Patient-center outcomes</li> </ol>	45 minutes per unit, total of 6 hours.
<b>Sleep and Respiratory Care</b>	<ol style="list-style-type: none"> <li>1. Introduction of sleep medicine and sleep mechanism</li> <li>2. Sleep deprivation and health</li> <li>3. The physiology and psychology of sleep</li> <li>4. Sleep monitoring and the image study of sleep</li> <li>5. Sleep Disorder I : Insomnia and the treatment</li> <li>6. Sleep Disorder II : Sleep breathing disorder and CPAP treatment</li> </ol>	60 minutes per unit, a total of 6 hours.
<b>Practice in Rehabilitation and Cardiopulmonary Exercise</b>	<ol style="list-style-type: none"> <li>1. Rehabilitation: Expert to Promote Functional Recovery</li> <li>2. Functional evaluations and rehabilitation assessment scale</li> <li>3. Functional training</li> <li>4. Activities of Daily Living training</li> <li>5. The Assistive Technology and Evaluation</li> <li>6. Eating and communicating: the mouth and swallowing rehabilitation</li> <li>7. Exercise away your Pain</li> <li>8. Cardiopulmonary training</li> </ol>	45 minutes per unit, a total of 6 hours.