

# Physical therapy & innovation for disabilities people

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## Overview:

Community based learning (CBL) is a real world situation study program which has been extensively used in higher education of Thailand. Physical therapy is one of health professionals science that is needed to learn and apply knowledge to people in the community. Therefore, CBL is designed for senior physical therapy students for exploring, ordering, managing, and treating people with disabilities (PWD) and other vulnerable people in the community

## Aims

To enable students to learn the health system, survey health issues, planning, ordering, and managing to solve health problems, treat, and invent of innovation for PWD & aging people.

## Activities:

1. Survey health problems of PWD
2. Ordering the problems
3. Treat and rehabilitation
4. Re-assessment
5. Education to volunteers
6. Development invention, innovation for PWD and home environment modification.



## Outcomes

1. Quality of life of PWD and family, invention/innovations, knowledge & satisfaction of PWD.
2. Students got a varieties of 21<sup>st</sup> century skills via CBL processes e.g. communications skill, inter-personal skill, leadership skill, critical thinking and problem solving skill, teamwork, creative, and information technology skill.

## Future development:

1. Long term care of PWD and other people in community
2. Combined with academic service and research

## References:

1. Ibrahim M. The use of community based learning in educating college students in Midwestern USA. *Procedia Social and Behavioral Sciences*. 2010;2:392-6.
2. Avila-Linn, C., Rice, K., & Akin, S. ( 2012). *Designing community-based courses*. Berkeley, CA: Cal Corps Public Service Center. Retrieved from <http://publicservice.berkeley.edu/faculty/handbook>
3. Talaat W, Ladhani Z. *Community based education in health professions: global perspectives*: World Health Organization; 2014.