

The big deal with teaching direct ophthalmoscopy in medical students – one session in the community equals many sessions in the hospital outpatients department



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Introduction

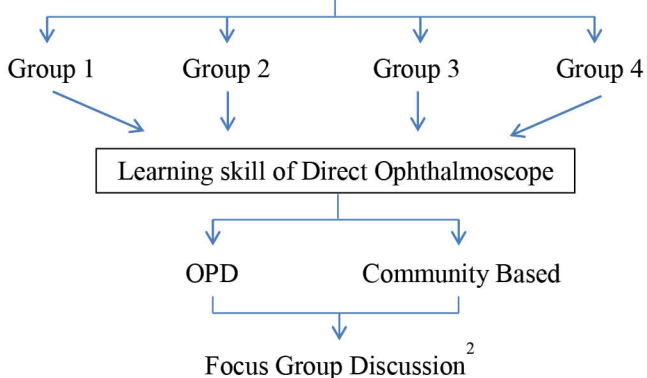
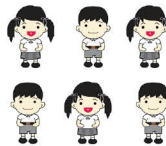
Fundoscopy examination with direct ophthalmoscope is important for medical students. Some eye diseases and systemic problems are diagnosed from fundus picture. Skill is the factor that leads to success for fundus examination. Therefore, learning and good practice in direct ophthalmoscope¹ is essential for patients caring.



Objectives

- To compare the teaching of direct ophthalmoscope between community based and outpatient department (OPD).
- To develop the teaching plan of direct ophthalmoscope in medical students.

Methods

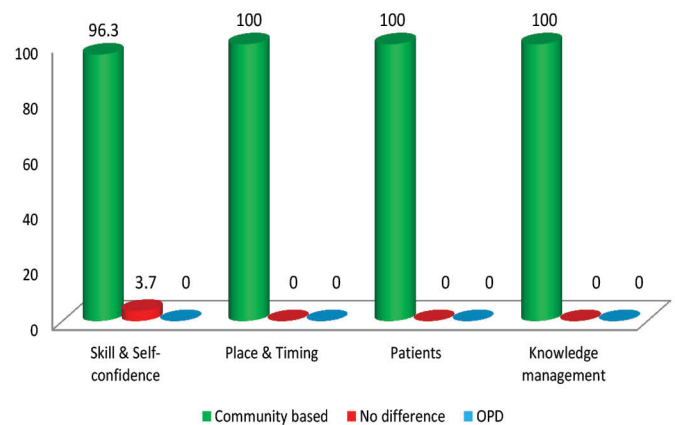


References

1. Timberlake GT. and Kennedy M. The direct ophthalmoscope how it works and how to use it. University of Kansas, 2005.
2. Guidelines for conducting a focus group. Eliot & Associates. 2005.

Results

- Hundred percent of students (100%) have concluded the community based learning is better than OPD.
- Only 3.7% has no difference in the skill between community based and OPD.



100%

of medical students all agree with place, timing, patients and knowledge management at community superior than OPD

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of medical students agree with skill and self-confidence at community superior than OPD

96.30%

Conclusion

Medical students were improved their skill and confidence with direct ophthalmoscope in community learning more than OPD and has used their knowledge in visual acuity testing. These results lead to develop the teaching plan for medical students at Chumphon Khet Udomsakdi Hospital in the future.



Take home message

- Learning with patients is not restricted only in the hospital.
- Medical students have more learning experience in community based.