



## "Learning to learn" in Nursing Higher Education [

Universidad de Antioquia: Facultad de Enfermería,  
2013

text (article)

Analítica

**Objective.** This study sought to evaluate improvement in self-directed learning by nursing students at Universidad de Valladolid (Spain) after using problem-based learning methodology. **Methodology.** Ours was a quasi-experimental research with pre-test and post-test of a single group. The sample consisted of 127 of a 135 total of students from the 2nd degree course in Nursing enrolled in the Sexual and Reproductive Health assignment and who had the opportunity to attend all problem-based learning tutorials in the classroom and student group meetings outside the classroom. The Self-Directed Profile Inquiry Questionnaire instrument (CIPA, for the term in Spanish) by Cazares and Aceves was used for the self-regulated profile assessment, which consists of 41 reactivities with options 1-5; the lower the score the better the profile for self-direction. It has five components: planning and selection of strategies, self-regulation and motivation, independence and autonomy, use of experience and critical conscience and interdependence, and social value. **Results.** The mean age was 23 years, 84.4% were women. The students had a very good scores in their self-regulated learning profile before using problem-based learning (82.5), and after its application, they showed a statistically significant improvement (74.2) both in the overall score and in each of its components. **Conclusion.** The students' self-regulated profile improved after using problem-based learning, a finding that is of utmost importance to achieve autonomy and self-regulation in learning. The development of the "learning to learn" skill allows learning for life, which is necessary in 21st century nursing professionals

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**Título:** "Learning to learn" in Nursing Higher Education electronic resource]

**Editorial:** Universidad de Antioquia: Facultad de Enfermería 2013

**Tipo Audiovisual:** problem-based learning higher education institutions students nursing

**Documento fuente:** Investigación y educación en enfermería, ISSN 0120-5307, Vol. 31, N°. 3, 2013, pags. 473-479

**Nota general:** application/pdf

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**Lengua:** English

**Enlace a fuente de información:** Investigación y educación en enfermería, ISSN 0120-5307, Vol. 31, N°. 3, 2013, pags. 473-479

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