

Books Conferences News About Us Home Journals Jobs Home > Journal > Social Sciences & Humanities > CE • Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges Published Special Issues CE> Vol.1 No.1, June 2010 • Special Issues Guideline OPEN ACCESS **CE** Subscription Using Problem Based Learning in Training Health Professionals: Should it Suit the Individual's Learning Style? Most popular papers in CE PDF (Size: 248KB) PP. 25-32 DOI: 10.4236/ce.2010.11005 About CE News Author(s) Tsameret Ricon, Sara Rosenblum, Naomi Schreuer Frequently Asked Questions **ABSTRACT** Context: Recently, problem-based learning (PBL) methods have been incorporated into occupational Recommend to Peers therapy (OT) curricula as in healthcare curricula worldwide. Yet, most studies examining the effectiveness of these methods have not taken into account the individuals' learning style and occupational functioning, Recommend to Library despite of their importance. Objective: Our research examined the question of whether specific learning styles correlate with a higher self-evaluation by occupational therapy students of their occupational Contact Us functioning (learning, studying) during a new course incorporating PBL method and with greater course satisfaction. Methods: 40 female students took part in the study. The various learning demands in the new PBL course are described. We assessed students' learning styles using Felder's Index of Learning Styles, Downloads: 183,108 while Self-Assessments of Occupational Functioning (SAOF) provided learning outcome data. We used both a modified 23-item SAOF and a novel 26-item adapted version, to examine the occupational functioning Visits: 402,184 required of healthcare practitioners. Course satisfaction was assessed accordingly. Results: Occupational therapy students adopt all learning styles (sensing, intuitive, visual, verbal, active, reflective, sequential, Sponsors, Associates, and and global) equally. Nevertheless, two-tailed Pearson's tests revealed that a sensing (i.e. practical, factsoriented) learning style most strongly correlates with greater assessed occupational functioning in the Links >> areas of habituation and performance, e.g. time organization, routine flexibility, and communication (r = The Conference on Information 0.33, p < 0.05). An intuitive learning style correlates with a significant ability to identify problems (r = 0.35, p &It; 0.05) and set goals (r = 0.36, p &It; 0.05), and global learning style yielded greater course Technology in Education (CITE satisfaction (r = 0.56, p < 0.05). Conclusions: Students having sensing and intuitive learning styles gain 2012) most from the use of PBL method. Thus, the apparently contradictory findings of earlier research regarding the efficacy of PBL methods may have arisen from differences in the learning styles of the populations surveyed. Since problem- based and traditional teaching methods appear to suit different learning styles and to better impart different skill sets, they should be regarded as complementary. Healthcare Education, Teaching Methods, Occupational Therapy, Occupational Performance (Functioning) Cite this paper Ricon, T., Rosenblum, S. & Schreuer, N. (2010). Using Problem Based Learning in Training Health Professionals: Should it Suit the Individual's Learning Style?. Creative Education, 1, 25-32. doi: 10.4236/ce.2010.11005. References P. Moyers, "The Guide to Occupational Therapy Practice," American Journal of Occupational therapy, [1] Vol. 53, No. 3, 1999, pp. 247-322.

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