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FACILITATING CURRICULAR ADAPTATION AND MEANINGFUL LEARNING TO STUDENTS AFFECTED BY RARE DISEASES (RD) USING THE SOFWTARE CMAPTOOLS

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Abstract. Rare diseases (RD) are those affecting at least 5 of 10,000 inhabitants. Many RD induce disabling conditions and those affected children in school age miss classes usually due to the complicated diagnostic and the several medical treatments they need, thereafter. The exact number of patients in this situation in Navarra (Spain) is still unknown, although it is expected that with the registration of RD launched in Navarra in 2012, a more adjusted number close to reality of school-age patients will be obtained. These students should be able to be identified in schools as the vast majority need curricular adaptations (CA). In this paper, the modeling of knowledge (MK) is proposed by using the CmapTools software, as a facilitator CA method. Thus, students affected by RD and who submit school truancy, could build their own knowledge and be evaluated in a more realistic and appropriate way according to the situations as diverse, they suffer in their school stage.