

## 研究業績 英文表記

和文	
表題	呼吸器疾患患者の看護演習に 20m シャトルランの体験を取り入れた学習内容 ～患者理解の学習内容を示す主要語と構成概念のテキストマイニングによる分析～
著者名	馬場 才悟 <sup>1)</sup> 、森 雄太 <sup>2)</sup> 、仙波 洋子 <sup>3)</sup> 、山本 真弓 <sup>4)</sup> 、花田 妙子 <sup>5)</sup>
所属	1)西九州大学看護学部 2)帝京大学福岡医療技術学部看護学科 3)福岡国際医療福祉大学看護学部 4)山陽学園大学看護学部看護学科 5)国際医療福祉大学大学院看護学分野
英文	
Title	The Learning Contents Used an Experience of the 20 Meter Shuttle Run in the Nursing Practice for Patients with Respiratory Disease – Analysis by the Text Mining between Primary word and the Concept of Construct Indicating Learning Contents for Understanding of the Symptom in Patients –
Author	Saigo Baba <sup>1)</sup> , Yuta Mori <sup>2)</sup> , Yoko Senba <sup>3)</sup> , Mayumi Yamamoto <sup>4)</sup> , Taeko Hanada <sup>5)</sup>
Affiliation	1) Nishikyushu University, Department of Nursing 2)Teikyou University Fukuoka 3)Fukuoka International University Health and Welfare, School of Nursing 4)Sanyou University, Department of Nursing 5) International University Health and Welfare
Abstract	<p>We clarified for the key words and the construct indicating contents connected for patient understanding from the contents which described the question contents of the free description questionnaire for "did you bring it close to the understanding of the patient with the symptom of shortness of breath, dyspnea?" after the shuttle run experience-based practice attendance.</p> <p>Targeting at the free description questionnaire contents of 144 students, we performed it by text mining, and the analysis tool used SPSS Text Analytics for Surveys ver 4.0 of IBM Corporation and SPSS Statics ver 26.0. By the text mining, the type by the chief ingredient analysis extracted a construct by becoming it by a key word by a word frequency analysis again. As a result of chief ingredient analysis, as for the key word, "tightness" "breathing" "experience" "to remember it" "shortness of breath" "following" "strong-minded" "everyday life" "dyspnea" "oneself" whom "it is usual" "hot" "hard" was extracted [shortness of breath experience to remember tightness of the breathing], and a construct of [I can follow just everyday life] [it can get closer to the understanding of the symptom by feeling it by oneself, and experiencing it] became clear [the thing that dyspnea is painful, and is hard] [ to feel that I always feel]. The above-mentioned result, unification of the knowledge by understanding and the experience of the patients with the symptom with shortness of breath, dyspnea were confirmed, and it was shown that could help that the shuttle run experience-based practice learned patient understanding in the nursing practice of the patients with respiratory disease.</p>
keyword	20 meter Shuttle run, construct indicating contents connected for patient, respiratory disease, The Learning Contents

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