

**TITLE:** RISK FACTORS FOR THE SPREAD OF MICROORGANISMS IN DAYCARE CENTERS.

**AUTHORS:** SIMÃO, E.P.C.<sup>1,2</sup>; CORRÊA, I<sup>1</sup>.

**INSTITUTION:** 1. FACULDADE DE MEDICINA DE BOTUCATU, UNIVERSIDADE ESTADUAL PAULISTA (FMB/UNESP), BOTUCATU, SP (AV. PROF. MÁRIO RUBENS GUIMARÃES MONTENEGRO, S/N - UNESP - CAMPUS DE BOTUCATU, BOTUCATU-SP, BRAZIL). 2. UNIVERSIDADE PAULISTA – UNIP, ARAÇATUBA, SP, (R. BAGUAÇU, 1939, JARDIM ALVORADA, ARAÇATUBA, SP, BRAZIL).

**ABSTRACT:**

Socioeconomic changes in society have turned daycare centers into an essential environment in children's lives, therefore, such institutions are required to provide appropriate care, so that children attending them do not become too vulnerable to illnesses. Concern with the environment of daycare centers should include aspects regarding the identification of risk factors related to the spread of microorganisms and the occurrence of infectious diseases. This study aimed to select and identify risk factors for the dissemination of microorganisms in daycare centers, from the scientific literature. An integrative literature review was the method adopted for this study, and the selection of samples was conducted through access to the following databases: Latin American and Caribbean Literature of Health Sciences Information (LILACS), Current Nursing and Allied Health Literature (CINAHL), Cochrane, Embase, Medical Literature Analysis and Retrieval System Online (MedLine / PubMed), and Web of Science (WOS). The final sample consisted of 67 articles that indicated that the risk of dissemination of microorganisms and infectious diseases among children in daycare centers depends on characteristics and features related not only to children themselves, but also to the environment. However, attending daycare centers for itself seems to increase the likelihood of acquiring and developing infections, especially those of repetition. The identification of such risk factors aims to ensure quality care for children in daycare centers, so that they are not subjected to unhealthy environments, situations or practices that may affect their health or favor the occurrence of infectious diseases.

**Keywords:** daycare, microorganisms, risk factors, infection, review.