

実践研究

特別支援学校におけるスポーツ活動中の外傷・障害発症と
安全管理体制の実態

Actual conditions between athletic injury occurrence and safety management
system in special needs education schools

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Abstract

We investigated the actual conditions of athletic injuries and safety management system at special needs education schools. One staff respondent each, from 518 schools (42.0% respondent rate) in Japan, completed a questionnaire. We applied multiple regression to the questionnaire response data, with athletic injury occurrences (abrasion, sprain, contusion, chronic joint pain, fracture, strain) as dependent variables and with school characteristics (number of students, disability type, sporting event) and safety management awareness outcomes as independent variables; p values < 0.05 were statistically significant. Significant associations were found for respondents indicating that abrasions [Their school provides sufficient training—emergency response manual training] ($\beta = -0.121$, $p < 0.01$) and [Regular first-aid/automated external defibrillator training] ($\beta = -0.110$, $p < 0.01$); contusions [Regular first-aid/automated external defibrillator training] ($\beta = -0.159$, $p < 0.01$); fractures [at their school, there is mutual cooperation regarding student health] ($\beta = -0.306$, $p < 0.01$) —and that, strains [Regular first-aid/automated external defibrillator training] ($\beta = 0.123$, $p < 0.05$). Therefore, a part of the school safety management system was associated with fewer athletic injuries.

キーワード：スポーツ外傷・障害, 安全管理, 特別支援学校

Key words: athletic injuries, safety management, special needs education schools

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