# PAIN RESEARCH AND MANAGEMENT

## 3DLQ DQDO\VLV LQ PXVLFLDQV XVLQJ GLJLWDO SDLQ GUDZLQ

Cinzia Cruder[1], Deborah Falla[2], Francesca Mangili[1], Laura Azzimonti[1], Liliana S Araujo[3], Aaron Williamon[3] and Marco Barbero[1]
[1]University of Applied Sciences and Arts of Southern Switzerland, Switzerland
[2]University of Birmingham, UK
[3]Royal College of Music, UK

According to the existing literature, musicians are at risk of experiencing a range of painful musculoskeletal conditions. Recently, a novel digital technology was developed to investigate pain location and pain extent. e aim of this study was to describe pain location and pain extent in musicians using a digital method for pain drawing (PD) analysis. Additionally, the association between PD variables and clinical features were explored in musicians with pain. 158 musicians (90 wome and 68 men; age 22.4±3.6 years) were recruited from Swiss and UK conservatories. Participants were asked to complete survey including both background musical information and clinical features, the QuickDASH (QD) questionnaire, and the digital PDs. Of the 158 participants, 126 musicians (79.7%) reported having pain, with higher prevalence in the areas of the neck and shoulders, the lower back, and the tnd thlderrf tere nf t, a noe-6 (u)-5 (l m)19 (u)39 (u)3 (sici)-2.91.91 -1.(, %(r)6

**Notes:**