

## Accepted Manuscript

Title: A rating of perceived exertion scale using facial expressions for conveying exercise intensity for children and young adults

Author: Yi-Lang Chen Wen-Ko Chiou Yu-Tung Tzeng  
Ching-Yu Lu Shih-Chi Chen



PII: S1440-2440(16)30089-5  
DOI: <http://dx.doi.org/doi:10.1016/j.jsams.2016.05.009>  
Reference: JSAMS 1336

To appear in: *Journal of Science and Medicine in Sport*

Received date: 6-2-2016  
Revised date: 7-5-2016  
Accepted date: 26-5-2016

Please cite this article as: Chen Y-L, Chiou W-K, Tzeng Y-T, Lu C-Y, Chen S-C, A rating of perceived exertion scale using facial expressions for conveying exercise intensity for children and young adults, *Journal of Science and Medicine in Sport* (2016), <http://dx.doi.org/10.1016/j.jsams.2016.05.009>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 **A rating of perceived exertion scale using facial expressions for**  
2 **conveying exercise intensity for children and young adults**

3

4 Yi-Lang Chen<sup>a,\*</sup>, Wen-Ko Chiou<sup>b</sup>, Yu-Tung Tzeng<sup>a</sup>, Ching-Yu Lu<sup>a</sup>, Shih-Chi Chen<sup>a</sup>

5 <sup>a</sup> Department of Industrial Engineering and Management, Ming Chi University of Technology,  
6 Taiwan

7 <sup>b</sup> Department of Industrial Design, Chang Gung University, Taiwan

8

9

10 Running title: Facial rating of perceived exertion scale

11

12 Figures: 2, Tables: 1

13

14 **\* Corresponding author:**

15 Dr. Yi-Lang Chen

16 Professor, Department of Industrial Engineering and Management,

17 Ming Chi University of Technology,

18 84, Gungjuan Rd., Taishan Dist., New Taipei 24301, Taiwan

19 Tel: +886-2-29089899#3103

20 Fax: +886-2-29085900

21 E-mail: ylchen@mail.mcut.edu.tw

22

23

24

25

26

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات