



The 7th Academic Congress of
Asian Shoulder Association

The 7th ACASA

Program & Abstract Book

The 1st Asian Congress of
Shoulder & Elbow Therapist

The 1st ACSET

Okinawa Kariyushi Urban Resort Naha,
Okinawa, Japan

July 7-8, 2011

www.acasa2011.com

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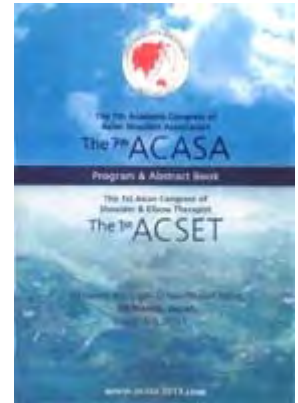
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*"Shoulder 36 V.1.3 " New Self-Assessment
Tool for the Shoulder*

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Japan Shoulder Society (JSS) Committee for Evaluation of the Shoulder

A new self-assessment tool "Shoulder 36 v1.3" ,introduced here, consists of 36 questions、 categorized into six domains (# of questions in brackets):a)Pain (6) b) Range of Motion (9) c) Muscle Strength (6) d)General Health (6) e) Activities of Daily Living (7) f) Sports Activity (2). Based on the following selection criteria、 36 questions were selected: ① Over 95% of 876 persons understood the nature of the questions selected. ② Over 95% of 249 healthy persons aged between 15 and 79 y/o were able to execute the activities specified by the questions selected. (3) Questions with high correlation coefficient (>0.45) or with high concentration rate (>80%) on answers were removed. ④ Domain contents were divided by cluster analysis to prevent the majority being thctored as pain domain. (5) Domain narnes were determined by the results of Constant Score, VAS scales, and SF 36 V.2.0.

The reactivity and reliability of this tool was checked as follows. : The severity scores graded by physicians had a great influence on each domain ($p < 0.001$). Inter-Class-Correlation (ICC) of each domain was also quite high (>0.8) with satisfactory ICC in General Health (0.66) and Sports Ability (0.67).

Due to the significance of the pain domain, "Back-up" plan for this domain was adapted if less than a half of assigned responses were available. The English version is available on the website of The Japanese Orthopaedic Association or JSS free of charge.