Analysis of Taiwan Aesthetic Medicine Program Certification

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Objective
In recent years, because of improvement of the economy and the impact of foreign atmosphere, accelerating Taiwan’s aesthetic medicine industry development. However, there is no any qualification for the doctors and without any specification when they perform the medical procedure, in the light of this, Joint Commission of Taiwan (JCT) has begun to conduct Aesthetic Medicine Program certification since 2013, for reduce medical disputes and help institutions to improve medical quality.

Results
This study collected the score data of 79 institutions/times, using Independent-Sample T-Test and One-way ANOVA to analyze the score data with other factor. The results as follows:
1. The average score of the hospital is 8.72(SD=0.48), and the clinic is 8.00(SD=0.53), so the score of hospital is higher than clinic significantly(p<0.001).
2. There are 21 criteria score of hospitals are significantly higher than clinics.
3. We excude 18 institutions which were scored by documentary review. There are 61 institutions were classified into two types, 37 institutions’ score data were certificated first time, which is type 1, 24 institutions’ score data were certificated second time, which is type 2, and the average score of type 1 is 8.11(SD=0.53), type 2 is 8.62(SD=0.52), so the score of type 2 is significantly higher than type 1(p<0.001).
4. There are 15 criteria score of institutions who were certificated the second time are significantly higher than institutions who were certificated first time.
5. We control the gender and age of the surveyor, the result shows that is significant differences in surveyor background and institutions’ score(F=2.467,P=0.049). Using the scheffe to operate post hoc found out the surveyor which is anesthesia was significantly different with orthopedic surgery (P=0.018) and dermatological (P=0.036)

Conclusion
In the international community, there is no accreditation system for Aesthetic Medicine institutions, the results of this study show that institutions with this program have upgraded their quality, including personal qualification, infection control, environmental safety, the safety of surgery and anesthesia, postoperative care, medication management, quality management, etc. Joint Commission of Taiwan (JCT) will continue to conduct Aesthetic Medicine Program certification to help Aesthetic Medicine institutions continue to improve medical quality.

In the past, there was no training program for surveyor until 2016. It is suggested that the meeting and the course should be held annually, and being designed by what the surveyor’ competency needs, to strengthen the consensus and professionalism among the different background surveyors. Another suggestion is that revising the evaluation form from score into grades, and set the proportion of pass criteria, so that it could enhance the consistency and objectivity of the surveyors.

Methods
This study collected the score data of 79 institutions/times, which participate Aesthetic Medicine Program Certification from 2013to 2016, there are 50 hospitals/times and 29 clinics/times. And the surveyor background was classified into three types, including orthopedic surgery, dermatology, anesthesia. The standards have 25 criteras and the rating is 10-point scale. The institution passess if each criteria gets over 6 points and average gets over 7.5 points. In order to know the impact of institutional scoring factors, this study uses independent-Sample T-Test and One-way ANOVA to analyze whether the score data differ significantly with other factor.