

# HAC 2016 ABSTRACT for Oral Presentations

**Presentation no.:** F5.1

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**Project title**

The Impact of Patient Artwork on Public Perception towards People with Intellectual Disability

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**Keyword(s)**

Patient Artwork  
Public Perception  
Intellectual Disability

**Approval by Ethics Committee:** /

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**Introduction**

Intellectual Disability Activity Centre of Excellence, Department of Child and Adolescent Psychiatry, Castle Peak Hospital facilitates explorations in various creative art activities for patient with intellectual disability. To better publicize their work, enhance public awareness and achieve the goal of de-stigmatization, we organize Patient Art Exhibition at regular intervals in public areas. A survey on public perception towards people with intellectual disability was carried out during the Patient Art Exhibitions.

**Objectives**

To evaluate the impact of patient artwork on public perception towards people with intellectual disability

**Methodology**

The questionnaire consisted of 10 items capturing the perception about samples' experiences after the art exhibition. The respondents rated on the 10-items questionnaire by a Likert-scale of 5-points from 1 point for "strongly disagree" to 5 point for "strongly agree". Data were analyzed using the SPSS. The Significant level was set at  $P < 0.05$ .

**Result**

234 respondents completed the questionnaire. There were 43.6% collected from exhibition in the Hong Kong Polytechnic University and 56.4% from Yuen Long Theatre respectively. The majority (58.5%) of them fell into the age range from below 25 years. The overall mean score was 4.37(SD=0.486). The mean of female was 4.38 and male was 4.35. Also there were mean score 4.48 for age group below 25, 4.26 for age 25-44, 4.16 for age 45-64 and 4.19 for 65 and above respectively. The female group and the age group of below 25 had the better positive perception in the survey. An independent t-test on the collected data was performed between the exhibition in Polytechnic University and Yuen Long Theatre which produced a t-value of -2.43 and a p-value of  $p = 0.016$  ( $< 0.05$ , confidence level 95%). The p-value, smaller than 0.05, thus there was sufficient statistical evidence indicating that the mean number of people was different between the two places. Finally, ANOVA was used to explore correlation between demographic data and the outcome and there were linear correlation between age and the degree of perception outcome ( $P = 0.000087$ ,  $r = 0.256$ ). The result showed that Patient Art Exhibition could help the public to appreciate the talent and ability of people with intellectual disability and to promote the public's positive perception towards people with intellectual disability.