THE NEW MAIN SCIENTIFIC CONTRIBUTION OF THE THESIS

Name of thesis**: Research on situations and interventions on dropout among drug users in methadone maintenance treatment in Hai Phong, 2014 – 2016**

Speciality: Public health   Code: 97.20.701

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Summary of new main scinetific contribution of the thesis

1. This is the first study to determine the rate of drop-out for the first 3 years of methadone treatment patients in Haiphong. As the results, after 3 years of treatment, the proportion of patients quitting the methadone program in the first year was 10.5%, the second year was 13.2% and the third year was 14.0%. After 3 years, a total of 33.3% of patients abandoned the treatment program.

2.Patients those used drugs within the treatment period, missed more than 3 days in the last 3 months were indicated as patients at risk of methadone abandonment for over 5 consecutive days. Patients with a current dose of $\geq$ 60mg per day reduced the risk of quitting than patients taking <60mg per day

3. Community-based health education includes updating knowledge activities for peer educators and health workers, psychosocially supporting for patients at risk of drop-out of MMT so as to enhance adherence and improve quality of life (QoL) for patients. After 6 months of intervention, IEC program obtained significant results: a reduction in the rate of patients who skipped taking methadone for 3 days and over 3 consecutive days in the last 3 months, with an intervention efficiency of 27.0 % and 55.6%; Reducing risk factors such as illicit drug use, urine test (+) with heroin, and drug-using peers with intervention efficiency of 43.7%, 38.3% and 16.2%; Significantly increasing QoL score of psychological and environmental aspects of patients.

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