A targeted urological treatment program for secondary school students abusing psychotropic substance and a territorywide school-based survey of bladder dysfunction symptoms associated with psychotropic substance (BDF101012)

By

Dr. Tam Yuk Him 譚煜謙醫生 Co-Director, Youth Urological Treatment Centre, Department of Surgery The Chinese University of Hong Kong Consultant, Division of Paediatric Surgery & Paediatric Urology Department of Surgery, Prince of Wales Hospital

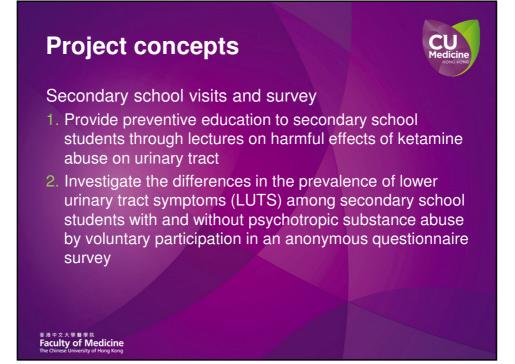
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## **Project concepts**

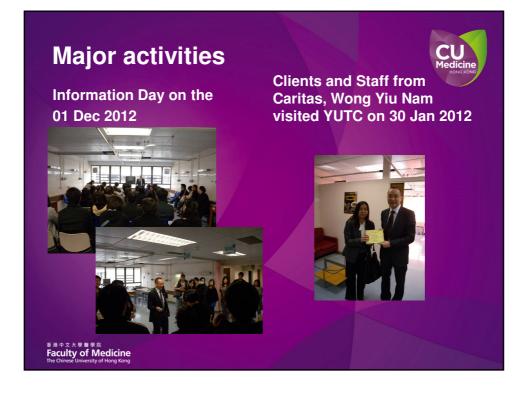


Established Youth Urological Treatment Centre(YUTC) at the Prince of Wales Hospital

- 1. Provide early urological assessment and treatment to young patients suffering from ketamine-associated uropathy
- 2. Formulate a practical and cost-effective management protocol
- 3. Encourage young abusers to quit drugs







# **Major activities**

Two staff members from Narcotics Division, Security Bureau visited YUTC on 06 Feb 2012



香港中文大學醫學院 Faculty of Medicine Four staff members from CDAC visited YUTC on 20 Feb 2012





### Achievement and evaluation result



Youth Urological Treatment Centre

- Evaluated and provided treatment to 388 new patients who suffer from ketamine-associated uropathy
- 46% patients who had not been followed by any social work services agreed to be referred to CCPSA after counselling
- 65% patients demonstrated symptomatic improvement after integrated anti-inflammatory therapy with oral medications

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#### Achievement and evaluation result



#### Secondary school visits and survey

- Delivered 50 lectures to secondary school students and a total of 40,500 secondary schools students received anti-drug messages through lectures or publicity materials
- 12,350 students from 45 local secondary schools participated (response rate 77.2%)
- Significantly higher prevalence of LUTS among psychotropic substance abusers when compared with normal control population with no history of substance abuse
- Ketamine was the most commonly abused substance among the students
- Ketamine abusers experienced more LUTS than abusers of other psychotropic substances
- Female ketamine abusers tended to have more LUTS than male ketamine abusers

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# Recommendations on service provision



• Continuous efforts are warranted from all stakeholders including the government, the social work services and the urological care providers to better tackle the challenging issue of ketamine-associated uropathy

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