Introduction
Through Hospital Accreditation exercise, major items of residual environmental ligature risks were identified. Based on the reported in-patient suicide attempts in Castle Peak Hospital (CPH), it is observed that about 35% of the incidents were attempted by hanging. To address these deficiencies, surveys were conducted by multidisciplinary staff including the Administrative Services Department, Nursing Services Department and the Working Group on Window Grilles to assess the ligature risk in an in-patient setting. Subsequently, anti-ligature products were introduced through ward renovation projects. Separate projects on removing the ligature points will also be conducted.

Objectives
To remove all the objects with ligature risk (i.e. conventional door ironmongeries, water taps, window grilles, shower heads & handrails) and replace with those that have anti-ligature features.

Methodology
Works Completed 1. Installed Anti-ligature door ironmongeries and handrails at wards A001, A102 and A103. 2. Modified existing shower heads to be detachable. 3. Installed Anti-ligature water faucet at ward E001. Works to be Done 1. Window grilles will be removed and the windows will be covered with polycarbonate. 2. Installation of Anti-ligature door ironmongeries and handrails at other wards Window grills removal and installation of ironmongeries for wards, which will not undergo renovation in the next 3 years, will be completed through separate SH8083MM projects by phases according to the level of risk as assigned by the Nursing Services Department. For wards that will be renovated in the near future, the 2 works items will be incorporated into the ward renovation projects.
Result
Evaluations were done with the user departments, positive feedback were received. 1. Anti-ligature door ironmongeries and handrails ~ Anti-ligature ironmongeries and handrails can prevent patient from attempting suicide. ~ Ward staff were satisfied with the appearance and functionality of the products. 2. Detachable shower heads ~ Detachable shower head will come off when it experiences downward force. 3. Anti-Ligature water faucet ~ It is difficult for patients to tie or hang anything to the push button. ~ Potential ligature points found at linear water faucet were removed. Conclusion Through introduction of the anti-ligature products and removal of potential ligature points, ligature risk arisen from the environment will be minimized.