



**Service Priorities and Programmes**  
**Electronic Presentations**

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**The Nursing Guideline and Checklist of Intravitreal Injection of Macula Disease**

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**Introduction**

Age-related macular degeneration (AMD) is one of the major eye diseases causing permanent visual loss. As impaired vision affects not only a person's quality of life, but also creates social burdens to the relatives taking care of them, effective treatment and care may lead to multi-dimensional benefits to the society. Anti-VEGF therapy is the gold standard treatment for AMD and most commonly used drug worldwide. In United Christian Hospital, use of intravitreal injection is in a rising trend. The number of injections has sharply been increased from 3-4 cases to 10 cases per week in recent 2 years. In the end of 2011, cases of unusual dosage of intravitreal injection were reported. With the increasing demand of intravitreal injection and the recent reported incident, it is crucial to create a set of clear operating guidelines for intravitreal injection procedure in order to ensure safety and standard of service care to patients undergoing the procedure.

**Objectives**

1) To write the procedural manual with clear guidelines 2) To design the interventional safety checklist 3) To implement a pilot study on using the guidelines and checklist

**Methodology**

checklist validation, pilot study

**Result**

1) 14 staffs and 80 patients 100% compliance in using the checklist. 2) The checklist is a very useful tool to safeguard the procedure to be operated safely and smoothly 3) 100% of staffs reflected that the checklist format is clear, easy to be understood and convenient to be used. 4) 92% of staffs reported that the checklist content is enough and is useful and can increase the effectiveness in safety.