

Standard Operating Procedure (SOP)

ISBCS : OK procedure

Document Coordinator:	
Author :	
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1. Goal

The purpose of this Standard Operating Procedure (SOP) is to provide a guideline for surgical staff involved in bilateral cataract operations (surgeons, assistants , etc.). This guideline is based on the international guideline for 'Immediately Sequential Bilateral Cataract Surgery' (ISBCS): ' *ISBCS General Principles for Excellence in ISBCS 2009*”.

2.Standard Operating Procedure (SOP)

FIRST EYE

Before surgery on the first eye

1. Surgical parameters (eg. IOLmaster) of both eyes should be displayed and visible at all times for all OR staff.
2. Surgical table must have the surgical supplies set up and ready for the first eye according to the 'SOP: OR Materials and Setup'.
3. The IOL for the first eye is checked and laid out.
4. Patient is prepared and set up for surgery of the first eye.

During surgery of the first eye

1. A regular phaco-emulsification and cataract extraction is executed
2. At the end of the operation intracameral antibiotics are injected

After surgery on the first eye

1. Postponing the operation of second eye is considered (by the surgeon) in case of complications with the first surgery
2. Antibiotic and anti-inflammatory drops are instilled in the operated (first) eye and is then temporary covered with a (transparent) cap or bandage.
3. All materials in physical contact with the patient during the surgery of the first eye is removed, and will not be used in any contact during operation of the second eye.
4. Surgeon and assistant de-scrub.

SECOND EYE (immediately after eye 1)

The surgery of the second eye is considered a completely new surgery. It is advised to hold a short lens timeout to confirm the IOL lens power for the second eye.

Before surgery on the second eye

1. Patient is prepared and iodized
2. The IOL for the second eye is checked and laid out.
3. Surgical table must have the surgical supplies set up and ready for the second according to the 'SOP: Materials and Setup'.
4. ***All materials for the second eye must be from a different lot number to those used in the first eye*** (noted in the Traceability form). This must be prepared in advance by the surgical staff before surgery takes place.
5. Surgeon and assistant wear new sterile surgical gown and new sterile gloves.

During surgery on the second eye

1. A regular phaco-emulsification and cataract extraction is executed
2. At the end of the operation intracameral antibiotics are injected

After surgery on the second eye

1. Antibiotic and anti-inflammatory drops are instilled in the second eye
2. Both eyes are temporary covered with a transparent caps (NOT bandages)