8-601-2 Inamura Multipurpose Cannula

Hydrodissection, Nucleus Rotation, Iris Reposition, Bubble Aspiration, Aspiration of Liquefied Cortex, Cleansing

video available: at www.duckworth-and-kent.com/videos

Hydrodissection and Nucleus Rotation

The cannula was initially designed for hydrodissection and nucleus rotation. With traditional single port cannula, single injection is not enough to complete the hydrodissection. However, with the Inamura Multipurpose Cannula the double port of fluid swiftly separates the cataract from the lens capsule, and in most cases the nucleus can be rotated after a single injection. Fluid is injected directly underneath the anterior capsule. The smooth rounded cannula end enables the rotation of the nucleus and reduces any risk of damage to the capsule bag.

Iris Reposition – Floppy Iris Syndrome

In the cases of floppy iris syndrome there is sometimes the urge to reposition the iris using the traditional method of a spatula. This is not a good idea as it can cause damage to the iris and cause it to prolapse. The important thing to do in this situation is to try and lower the pressure in the anterior chamber by inserting the Inamura Multipurpose Cannula into the anterior chamber to aspirate the aqueous humour. The recommendation is to create a sudden decrease in pressure within the anterior chamber thus allowing the iris to re-position.
Air bubbles are sometimes injected into the anterior chamber along with viscoelastic material. These bubbles can be annoying, and trying to push them out with viscoelastic injection or to aspirate with a regular blunt needle can be quite a task. However, with the Inamura Multipurpose Cannula these air bubbles in the anterior chamber can be aspirated with ease, even the smallest of bubbles can be aspirated.

Aspiration of Air Bubbles

Viscoelastic Bubbles

Small bubbles can be aspirated with ease

Aspiration of Liquefied Cortex

This technique is very useful for mature cataract cases where the lens is partially liquefied. Puncturing the capsule with forceps, the Inamura Multipurpose Cannula aspirates part of the liquefied cortex before carrying out the continuous curvilinear capsulorhexis (CCC). This makes all the difference in maintaining a clear operative field and by lowering the lens pressure, which makes the following CCC much easier. In cases were the lens is almost completely liquefied, the lens can be totally aspirated away.

Capsule is punctured and the Inamura Multipurpose Cannula aspirates part of the liquefied cortex before carrying out CCC

Carrying out CCC is made easier by having a clear operative field and lower lens pressure

In cases were the lens is almost completely liquefied the lens can be completely aspirated away

Cleaning the Operative Field

Plenty of water can be delivered through this cannula making it an ideal instrument for cleansing the surgical field. Meibomian gland secretion can be affectively washed away to avoid endophthalmitis.

27G Blunt Needle

Inamura Multipurpose Cannula

Twin jets, 30° inclusive angle

Full video available: at www.duckworth-and-kent.com/videos

Or

Go to www.youtube.com/user/DuckworthandKent or search duckworthandkent in YouTube