

GLAUCOMA INAMI ORIGINAL SURGICAL INSTRUMENTS



A specialized hook of Trabeculotomy by intraocular approach





TMH ORIGINAL edition, Tanito ab interno Trabeculotomy Micro-hook (Designed by Prof. TANITO)

M-2215S	Straight	whole length	101mm
M-2215L	Left	whole length	100mm
M-2215R	Right	whole length	100mm
material: SU	S		



Comment from Prof. Masaki Tanito (Department of Ophthalmology, Faculty of Medicine, SHIMANE University)

It is a specialized hook of Trabeculotomy by intraocular approach. There are 3 types of hooks ; one is a straight type for ear or upper approach, and the rests are a left and a right angled type for nasal approach. By incising the hook tip into Schlemm's canal smoothly

along trabecula dye band under angle prism observation, surgeons can move the procedure

directly to Trabeculotomy. The depth at which the tip of the hook can be seen through the trabecular meshwork is appropriate. The hook has such a tip design that surgeons can feel the resistance of

trabecula incision, when, in order to avoid damage of Schlemm's canal outer wall, the insertion of the hook tip is too deep, and in this case, Trabeculotomy should be performed at the depth without any resistance by pulling the hook tip to a bit shallow location.

Inheriting the TMH ORIGINAL-ed. In wider and thinner incision





TMH SHOJI edition, Tanito ab interno Trabeculotomy Micro-hook (Designed by Dr. SHOJI)

M-2220S	Straight	whole length 101	mm
M-2220L	Left	whole length 105	imm
M-2220R	Right	whole length 105	āmm
material: SU	S		



Comparison with the original edition.



Comment from Dr. Takuhei Shoji (KOEDO EYE CLINIC in SAITAMA)

It is an evolved version of Tanito ab interno Trabeculotomy Micro Hook that was very well received. Inherited the basic concept of the original Tanito hook, this hook can enlarge the incision area by approx.25%,compared to the original version and secure the same incision area as that by Trabeculotom with conventional external approach.



In addition, it enables to prevent damage of Schlemm' s canal outer wall and the safe incision by slimmed down the bend part. Moreover, the angle type for nasal incision improves the visibility at incision by increasing the length to the bend part.



Comment from Dr. Tomoyuki Chihara and Etsuo Chihara (Chihara Ophthalmology Clinic,Uji-City, Kyoto)

CHIHARA T-hook is an instrument with a tip T shaped both side bladed tip, used for in minimally invasive glaucoma surgery (MIGS), which is a glaucoma outflow tract surgery in which the fiberoptic membrane is incised while directly observing the corner angle with a microscope and a horn microscope (Ahmed DVX Surgical Gonio lens, Hill Surgical Gonioprism, etc.) in the presence of viscoelastic material.

A single intraocular insertion can incise both the left and right fibro-pilonidal bands. In addition, the scleral side of the tip is curved to minimize damage to the posterior tissue of Schlemm's canal (BELL) and hinge valve, and to reduce the risk of the hook sticking into the posterior wall of Schlemm's canal or bleeding when the fiberoptic band is incised near the corneal entry wound.

Double mirror corner mirrors, such as the Ahmed DVX Surgical Gonio lens, allow for a fiber cordotomy without the need to move the patient's head position, completing an incision of approximately 120-150 degrees from a single corneal incision in 1-2 minutes If three corneal incisions are performed every 120 degrees, a 360-degree fibro-column incision can easily be made.

CHIHARA T-hook

 M-2225
 (Angled)
 Total Length
 104mm/Tip0.2 x 0.85 x Thickness0.25mm

 M-2225S
 Straight
 Total Length
 101mm/Tip0.2 x 0.85 x Thickness0.25mm

Reference: Chihara E, Chihara T. Development and application of new T-shaped internal trabeculotomy hook (T-hook). Clin Ophthalmol 2022; 16: 3919-3926 doi.org/10.2147/_OPTH.S39202

An Advanced Spatula for GSL in Conjunction with MIGS



A Legacy in Medical Innovation—The Professional Tool for GSL



synechiae of the iris. When combined with the

Mori Gonio Lens, it enables easy access to the

entire circumference of the angle.

(Designed by Dr. MORI)

S-94 Total length 103mm /Tip 0.6×1.0×Thickness 0.2mm



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