



LAMELLAR KERATOPLASTY SET

Designed by Dr. G.R.J. Melles,

Netherlands Institute for Innovative Ocular Surgery, www.niiooc.nl



In collaboration with Dr. Gerrit R.J. Melles, D.O.R.C. has developed an innovative range of instruments for two new keratoplasty techniques.

Dr. Melles' innovative techniques for Deep Anterior Lamellar Keratoplasty (D.A.L.K.) and Posterior Lamellar

Keratoplasty (P.L.K.) have achieved remarkable advances in the surgical management of cornea disorders. The complete range of D.O.R.C. instruments in combination with Dr. Melles' techniques ensure minimal post-operative astigmatism, and in the case of P.L.K. technique, sutureless keratoplasty.

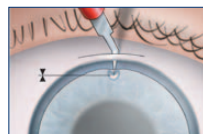
DEEP ANTERIOR LAMELLAR KERATOPLASTY

D.A.L.K.

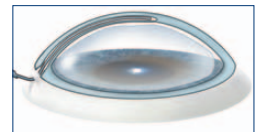
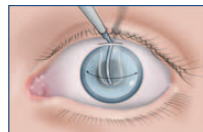
2110 D.A.L.K. Spatula Dissection Set

For Deep Anterior Lamellar Keratoplasty, the D.A.L.K. spatula dissection set consists of three styles :

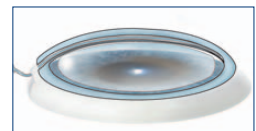
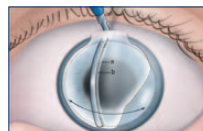
Red Spatula : Short, triangled spatula used to dissect downward into the cornea, until the desired stromal depth is reached.



White Spatula : Half-length, curved spatula with a rounded tip used to make the dissection up to two thirds across the cornea.



Blue Spatula : Full-length, curved spatula used to complete the dissection across the cornea over 360 degrees.



2111 Aliocante Alternative Suture-entry Marker

Provides an equal marking for the suture-entry points on the cornea.



2114 D.A.L.K./P.L.K. Donor Eye Holder

Provides stable positioning of the donor eye with suction fixation. The Eye Holder is also very effective for all wet-lab training purposes.





POSTERIOR LAMELLAR KERATOPLASTY SCISSORS SET

P.L.K.

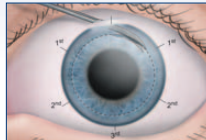


Posterior Lamellar Keratoplasty Scissors Set

For excision of a recipient posterior lamellar disc, a scissor set was designed consisting of three scissors, each with a specific curvature to complete the excision from the entry incision at 12 o'clock towards 6 o'clock.

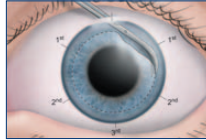
50.2115 Curved P.L.K. Scissors, type I.

Curved scissors for entry excision towards 10 & 2 o'clock surgical position.



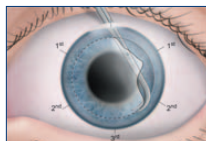
50.2116 Curved P.L.K. Scissors, type II.

Curved scissors for excision towards 8 & 4 o'clock surgical position.



50.2117 Curved P.L.K. Scissors, type III.

Curved scissors to complete the excision towards 6 o'clock surgical position.



50.2118 Melles PLK Scraper, style 1.

• Scraper with 45° semi-sharp, rounded tip for invivo stripping of Descemet's membrane from the recipient cornea, from 6 o'clock to the mid-cornea.



50.2119 Melles PLK Scraper, style 2.

• Scraper with 90° semi-sharp, rounded tip for in-vivo stripping of Descemet' membrane from the recipient cornea, from mid-cornea to 12 o'clock.



50.2122 Melles PLK Spoon Glide.

• Spoon shaped glide to insert a donor posterior corneal disk (endothelial side down) into the anterior chamber.



DISPOSABLE

NEW

50.212-D Disposable Melles PLK Scraper Set.

Consisting of:

- Melles PLK Scraper, style 1, 45°
- Melles PLK Scraper, style 2, 90°
- Sterile, set/2



For more surgical information, visit www.niic.nl



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