

Pattern Laser Trabeculoplasty

PASCAL



Designed exclusively for PASCAL pattern scanning lasers, Topcon's PLT provides physicians greater levels of precision.

The scanning technology and precision of PASCAL systems uses a tissue sparing laser delivery modality for laser trabeculoplasty. Pattern laser trabeculoplasty (PLT)* provides rapid, precise, and minimally traumatic (sub-visible) computer-guided treatment with exact abutment of the patterns. The patterns readily align to the meshwork, allowing faster and easier applications compared to other laser modalities.

The Streamline lasers systems offer a multifunctional solution. Physicians can now use their Streamline laser for glaucoma management with either ALT or PLT; along with other conventional procedures.

The advantages are clear:

More functional - The Pascal laser, previously known only for retina use, now opens up more options for physician use with pattern-specific glaucoma modules.

More precise alignment for glaucoma - New pattern developed specifically for glaucoma results in precise alignment to the trabecular meshwork. Spacing and spot placement is precise and consistent.

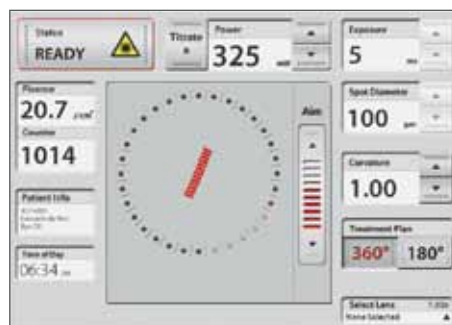
Lower intraocular pressure - Average IOP reduction of 24% has been achieved in clinical studies.¹

Less tissue damage - Laser applications are delivered below levels where conventional photocoagulation occurs. The result is achieving a cellular healing response without scarring and coagulative damage.

System Availability: Current Streamline and Streamline 577 lasers are available for PLT upgrade modules.

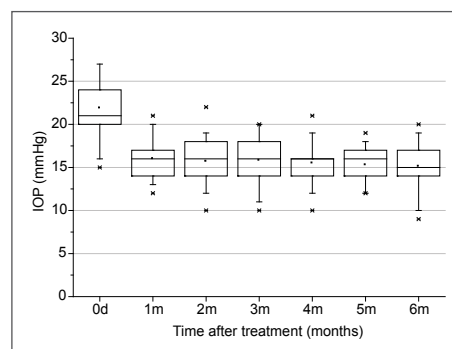
Topcon's PLT is safe and reliable

Our exclusive PASCAL PLT software, developed specifically for treating the trabecular meshwork, has the most advanced pattern scanning functionality available.



Graphical user interface from the PLT module

Lower energy is concentrated to a smaller volume allowing use of lower powers and shorter pulse durations resulting in minimally traumatic treatment. According to a recent study, PLT has successfully reduced IOP without the scarring and burns associated with ALT.¹ PLT gives a novel approach to glaucoma management within a multi-functional laser system.



Summary of results from PLT clinical trial

Post-operative treatment reports

- » Detailed printed summaries of each PLT procedure are provided, along with details of each laser setting, parameters and locations of the patterns.
- » Automated documentation of patient treatment, pattern placement and system parameters offers added security for record maintenance.

¹ Data on file at Topcon Medical Laser Systems

*The PLT module is not FDA cleared for sale in the USA.

IMPORTANT

Subject to change in design and/or specifications without advanced notice.

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

Topcon Europe Medical B.V.

Essebaan 11; 2908 LJ Capelle a/d IJssel; P.O. Box 145;
2900 AC Capelle a/d IJssel; The Netherlands
Phone: +31-(0)10-4585077; Fax: +31-(0)10-4585045
E-mail: medical@topcon.eu; www.topcon-medical.eu

Topcon Danmark

Praestemarksvej 25; 4000 Roskilde, Denmark
Phone: +45-46-327500; Fax: +45-46-327555
E-mail: info@topcondanmark.dk
www.topcondanmark.dk

Topcon Scandinavia A.B.

Neongatan 2; P.O. Box 25; 43151 Mölndal, Sweden
Phone: +46-(0)31-7109200; Fax: +46-(0)31-7109249
E-mail: medical@topcon.se; www.topcon.se

Topcon España S.A.

HEAD OFFICE: Frederic Mompou, 4;
08960 Sant Just Desvern; Barcelona, Spain
Phone: +34-93-4734057; Fax: +34-93-4733932
E-mail: medical@topcon.es; www.topcon.es

Topcon Italy

Viale dell'Industria 60;
20037 Paderno Dugnano, (MI) Italy
Phone: +39-02-9186671; Fax: +39-02-91081091
E-mail: topconitaly@tiscali.it; www.topcon.it

Topcon France

BAT A1; 3 route de la révolte, 93206 Saint Denis Cedex
Phone: +33-(0)1-49212323; Fax: +33-(0)1-49212324
E-mail: topcon@topcon.fr; www.topcon.fr

Topcon Deutschland GmbH

Hanns-Martin-Schleyer Strasse 41;
D-47877 Willich, Germany
Phone: (+49) 2154-885-0; Fax: (+49) 2154-885-177
E-mail: med@topcon.de; www.topcon.de

Topcon Portugal

Rua da Forte, 6-6A, L-0.22; 2790-072
Carnaxide; Portugal
Phone: +351-210-994626; Fax: +351-210-938786
www.topcon.pt

Topcon Polska Sp. z o.o.

ul. Warszawska 23; 42-470 Siewierz; Poland
Phone: +48-(0)32-670-50-45; Fax: +48-(0)32-671-34-05
www.topcon-polska.pl

Topcon (Great Britain) Ltd.

Topcon House; Kennet Side; Bone Lane; Newbury
Berkshire RG14 5PX; United Kingdom
Phone: +44-(0)1635-551120; Fax: +44-(0)1635-551170
E-mail: medical@topcon.co.uk; www.topcon.co.uk

Topcon Ireland

Unit 276, Blanchardstown; Corporate Park 2
Ballycoolin; Dublin 15, Ireland
Phone: +353-18975900; Fax: +353-18293915
E-mail: medical@topcon.ie; www.topcon.ie