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OPTIMEDICA 

PASCAL
PHOTOCOAGULATOR

 STREAMLINE



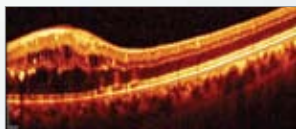
The Pattern Continues

PASCAL Streamline™ Photocoagulator combines core PASCAL® technology with enhanced patterns and powerful reporting. Designed from treating over 500,000 patients and delivering 25 million patterns, Streamline continues the PASCAL legacy of improving the photocoagulation experience for patients, physicians and practices.

Precision and Control from PASCAL Technology

PASCAL's unique method controls laser delivery in four ways, enabling greater precision and control at the tissue level:

- Short pulse duration
 - less heat diffusion to the retina and choroid
 - targeted burns with less collateral damage to surrounding tissue
- Continuous laser pulse directed by three high speed galvanometers
 - uniform, predictable pulses
- Precise pattern spacing
 - consistently spaced burns, minimizing overlap
- Safety checks of galvo position and power
 - 100,000 times per second



OCT image of PASCAL burns
one hour post treatment



OCT image of PASCAL burns
one month post treatment

• Photos Courtesy of Dr. Michael Bennett



Power and Simplicity of Enhanced Patterns

PASCAL Streamline's 2R/G software provides easy access to tens of thousands of patterns.

- With the touch of a finger; create arrays, lines and rectangles
- With one foot pedal depression, encircle a tear with a triple ring
- Without taking your eyes off the oculars, deliver sequential patterns

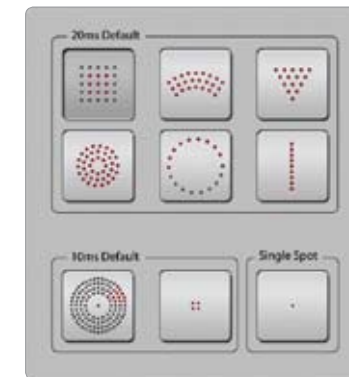
Robust and Tailored Reporting

Unique PASCAL data can be coupled with patient information to:

- Automatically generate a detailed printed summary of each Streamline procedure
- Confirm patient identity prior to treatment and document that safety checks are performed
- Search treatment history and produce detailed usage reports to ensure that every procedure is captured for billing

Versatility of Streamline Modules

- Video teaching system with integrated video camera and monitor
- Patterned Laser Trabeculoplasty (PLT) module



PASCAL Streamline with 2R/G Software



Retina Treatment Report



Treatment History Report