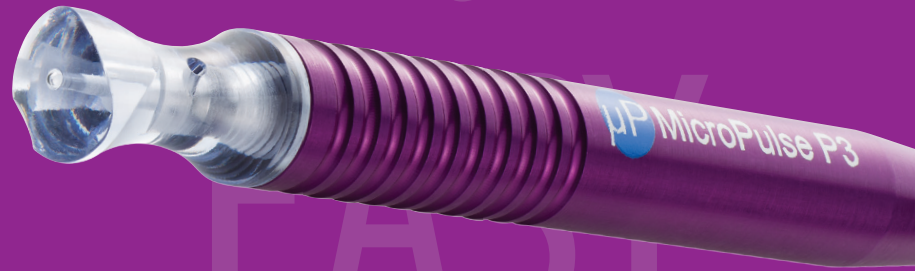



CYCLO G6™
Glaucoma Laser System

SAFE
Efficacious

MicroPulse® P3

GLAUCOMA DEVICE



Innovative Cyclophotocoagulation
with MicroPulse Technology
Powered by the New CYCLO G6™
Glaucoma Laser System

EFFICIENT
EASY
GLAUCOMA
SPECIFIC
NON-destructive
ESSENTIAL
REPEATABLE
NON-incisional
PREDICTABLE
ECONOMICAL





Excellent Safety Profile

The MicroPulse® P3 Glaucoma Device (MP3) powered by the CYCLO G6™ Glaucoma Laser System enables a versatile procedure with multiple safety benefits:

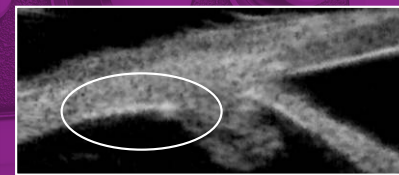
- Non-Incisional
- Minimal to no inflammation post-op
- Patient downtime is significantly low
- Repeatable
- Predictable

2014 Randomized study shows MicroPulse P3 has similar IOP reduction as G-Probe with higher success rate and no hypotony¹

| | MicroPulse TSCPC | TSCPC |
|--------------------------------------|------------------|-------------|
| Pre-op IOP | 36.5 mmHg | 35.0 mmHg |
| N Total of 48 | 24 pts | 24 pts |
| Average Follow-up | 17.5 months | 17.5 months |
| IOP Reduction | 45% | 45% |
| Success Rate (≤21 mmHg at 18 months) | 75% | 29% |
| Prolonged Hypotony | 0 | 5 |
| Mean # of Treatments | 1.6 | 1.3 |



Pre Treatment.

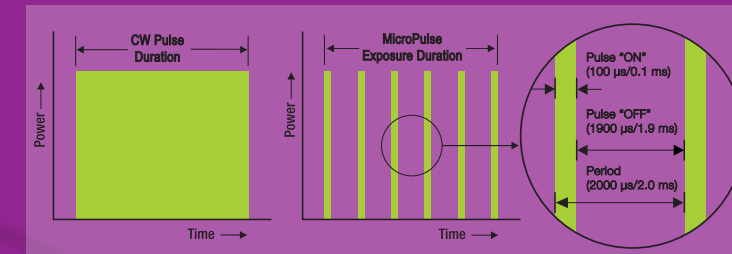


Post Treatment with MP3. No detectable evidence of tissue damage.

Images courtesy of A/Professor Paul Chew, NUHS

Proprietary MicroPulse® Technology

MicroPulse technology finely controls thermal elevation by "chopping" a continuous-wave (CW) laser beam into a train of repetitive short pulses allowing tissue to cool between pulses and reduce thermal buildup preventing visible tissue damage.

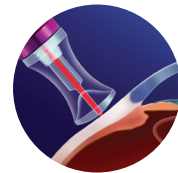
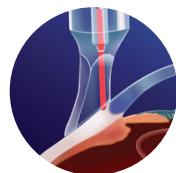


“The MicroPulse P3 device has become an essential part of my armamentarium for use in glaucoma surgical procedures. It provides a very safe and efficacious solution for IOP control. I have used MicroPulse P3 for some of my most complicated cases but also I feel comfortable enough using it for patients with earlier disease in which we want to avoid a filtering bleb or the placement of hardware in the eye.”

Robert Noecker, MD, MBA

Glaucoma Therapy Device Options

The patented MicroPulse® P3 and G-Probe™ devices are used to deliver laser energy for the treatment of glaucoma.



| DEVICE COMPARISON | G-PROBE | MP3 PROBE |
|--------------------------|--------------------------------|--------------------------------|
| Glaucoma Treatment Stage | Refractory | Primary Open Angle |
| Repeatable Procedure | Yes | Yes |
| MicroPulse Technology | No | Yes |
| Destructive | Yes | No ^{1,2} |
| Therapy Location | Office & OR | Office & OR |
| CPT Code | 66710 | 66710 |
| SmartProbe Technology | Laser Parameter Memory Enabled | Laser Parameter Memory Enabled |
| Patented Probe Design | Wedge | Curve |



Efficacy - Confidence in IOP Control

Long-term results from National University Hospital (NUHS), Singapore prospective clinical study³:

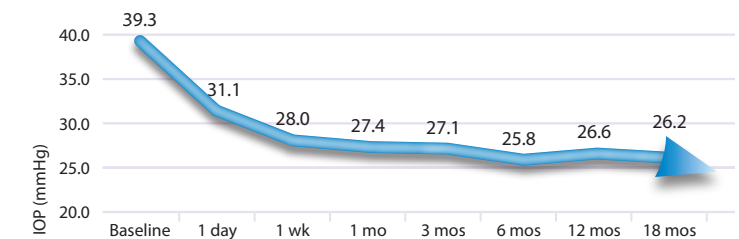
- 33% IOP reduction at 18 months, N = 38 patients
- 61% med reduction (2.1 to 1.3)
- 73% success rate with 1.3 sessions

“The MicroPulse P3 device has given me over 30% IOP lowering. With patients that are non-compliant with their medication, or we are really trying to keep off their medication, the MicroPulse P3 device allows me to treat patients more aggressively.”

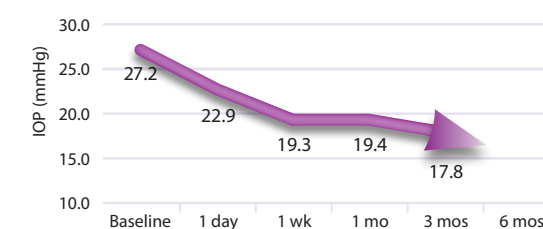


Steven Vold, MD

NUHS Prospective Clinical Study³



Multi-Center Retrospective Data^{2,4}



1. Aquino M, Barton K, Tan A, Sng C, Loon SC, Chew P. Micropulse versus continuous wave transscleral diode cyclophotocoagulation in refractory glaucoma: a randomized exploratory study. *Clin Experiment Ophthalmol.* 2015 Jan;43(1):40-6. doi 10.1111/ceo.12360 Epub 2014 Jun 21.

2. Radcliffe N, Vold S, Kammer J, Ahmed I, Parekh P, Noecker R, Khatana A. MicroPulse Trans-scleral Cyclophotocoagulation (mTSCPC) for the Treatment of Glaucoma Using the MicroPulse P3 Device. AGS, San Diego February 26 - March 1, 2015.

3. Tan A, Chockalingam M, Aquino M, Lim Z, See J, Chew P. Micropulse transscleral diode laser cyclophotocoagulation in the treatment of refractory glaucoma. *Clin Experiment Ophthalmol.* 2010;38(3):266-72

4. Jeffrey Kammer, MD, Vanderbilt Eye Institute, Nashville, TN | Anup Khatana, MD, Cincinnati Eye Institute, Cincinnati, OH | Robert Noecker, MD, MBA, Ophthalmic Consultants of Connecticut, Fairfield, CT | Parag Parekh, MD, MPA, Laurel Eye Clinic, Brookville, PA | Nathan Radcliffe, ND, Weill Cornell Medical College, New York, NY | Steven Vold, MD, Vold Vision, LLC, Fayetteville, AR



Specifications

| | |
|-----------------------|--|
| Wavelength | 810 nm infrared |
| Weight | 3.9 kg (8.5 lb) |
| Dimensions | 27 cm x 29.5 cm x 19.7 cm (10.6" W x 11.6" D x 7.8" H) |
| Connector Type | SmartProbe RFID with Laser Parameter Memory |
| Electrical | 100-240 VAC, 50/60 Hz, <0.8 A |
| Cooling | Air cooled |
| Exposure Duration | CW-Pulse™: 10-9000 ms in 549 increments and continuous pulse up to 60 seconds |
| Exposure Interval | CW-Pulse: 10-3000 ms in 542 increments and One Pulse |
| MicroPulse® Duration | MicroPulse: 0.05-1.0 ms in 19 increments |
| MicroPulse Interval | MicroPulse: 1.0-10.0 ms in 90 increments |
| MicroPulse Duty Cycle | Continuously adjustable from 0.5%-50%, and preset selections of 5%, 10%, and 15% duty cycles |
| Aiming Beam | Diode laser, 635 nm nominal |
| Treatment Power | 50-3000 mW, depending on delivery device |

Additional Features

- Countdown Timer with audible/voice confirmations
- Programmable user presets for up to 10 individual presets
- Optional power-adjust wireless footswitch (wired footswitch included)
- Color LCD Touchscreen interface
- Backlit control knobs and Treat/Standby button
- Optional Remote Control (high viewing angle, color LCD touchscreen)

Ordering

| Product | Product Number | Units per Box |
|---------------|-----------------|---------------|
| MicroPulse P3 | 15522 | 6 |
| G-Probe™ | 15980 | 6 |
| Laser Console | CYCLO-G6-SYSTEM | - |

CYCLO G6 supports single-use devices only.

Specifications are subject to change without notice. IRIDEX, the IRIDEX logo and MicroPulse are registered trademarks and CYCLO G6, G-Probe and CW-Pulse are trademarks of IRIDEX Corporation. All other trademarks are the property of their respective owners.

Products are covered by one or more of the following U.S. patents: 5,511,085; 5,982,789; 6,327,291; 6,540,391; 6,733,490; 7,766,904; 7,771,417; 7,909,816; 5,997,498; 6,073,759; 6,092,898; 6,217,594; 6,494,314; 6,585,679; 6,726,666; 6,800,076; 6,866,142; 7,537,593; 8,177,777; 8,945,103; 783783; 69530497.6; KR 348012; 0904615; 69706541.3; CA 2331837; AU 759193; JP 4149670; EP 1009684; CA 2286002; JP 449444; JP 4570696; JP 4819754; JP 5123973; JP 5133069. U.S. and international Patents Pending may apply.

| | | |
|----|-----|---|
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