

# ***AGT Lasers inc.***

## ***Disruptive laser technology for Biomedical applications***

Laser 2009

[www.agtlasers.com](http://www.agtlasers.com)

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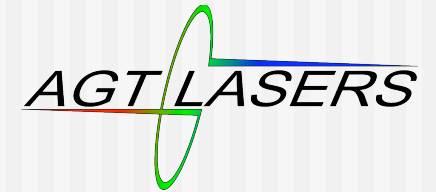
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# ***Problem***

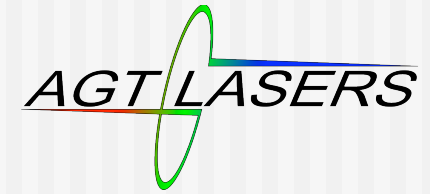


**Lasers are commonly used in biomedical applications**

**BUT:**

**A different laser is required for each application**

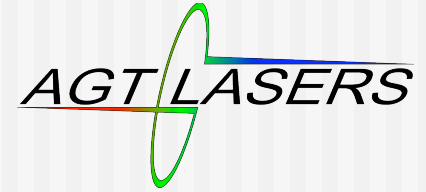
# ***Our differentiator***



## **ONE LASER FITS ALL !**

- *Fast switching between **imaging, diagnostic and treatment** modes*
  - *SINGLE VISIT TO THE MD*
- Versatile, Compact , Reliable, Affordable
- Turn key system

# **AGT's** Product advantage

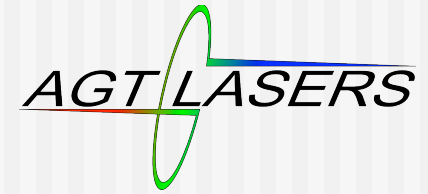


## **AGT's** new pulsed Fiber Laser Platform,

- Programmable wavelengths (>10 Mλ/sec)
- Adjustable pulse widths in the picoseconds
- Power (up to 40W)
- Repetition rate adjustable
- All electronically controlled, no moving part
- Fiber optic output

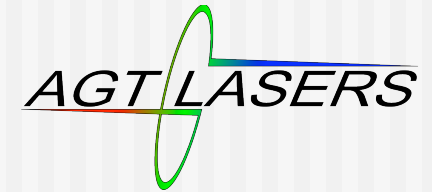


# Applications



- Wavelength Agile (WA):
  - Fixed pulse width and tunable in wavelength
  - Applications: OCT, fluorescence spectroscopy
- Pulse width Agile (PA):
  - Fixed wavelength and adjustable in pulse width
  - Applications: drilling, cutting, dermatology, nonlinear imaging (CARS, SRS) and excitation
- Wavelength and Pulse width Agile (WPA):
  - Tunable and adjustable
  - Applications: combination of methods (OCT and nonlinear imaging), nonlinear spectroscopy, research tool

# Contact



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