



Urolase Vision System (UVS)

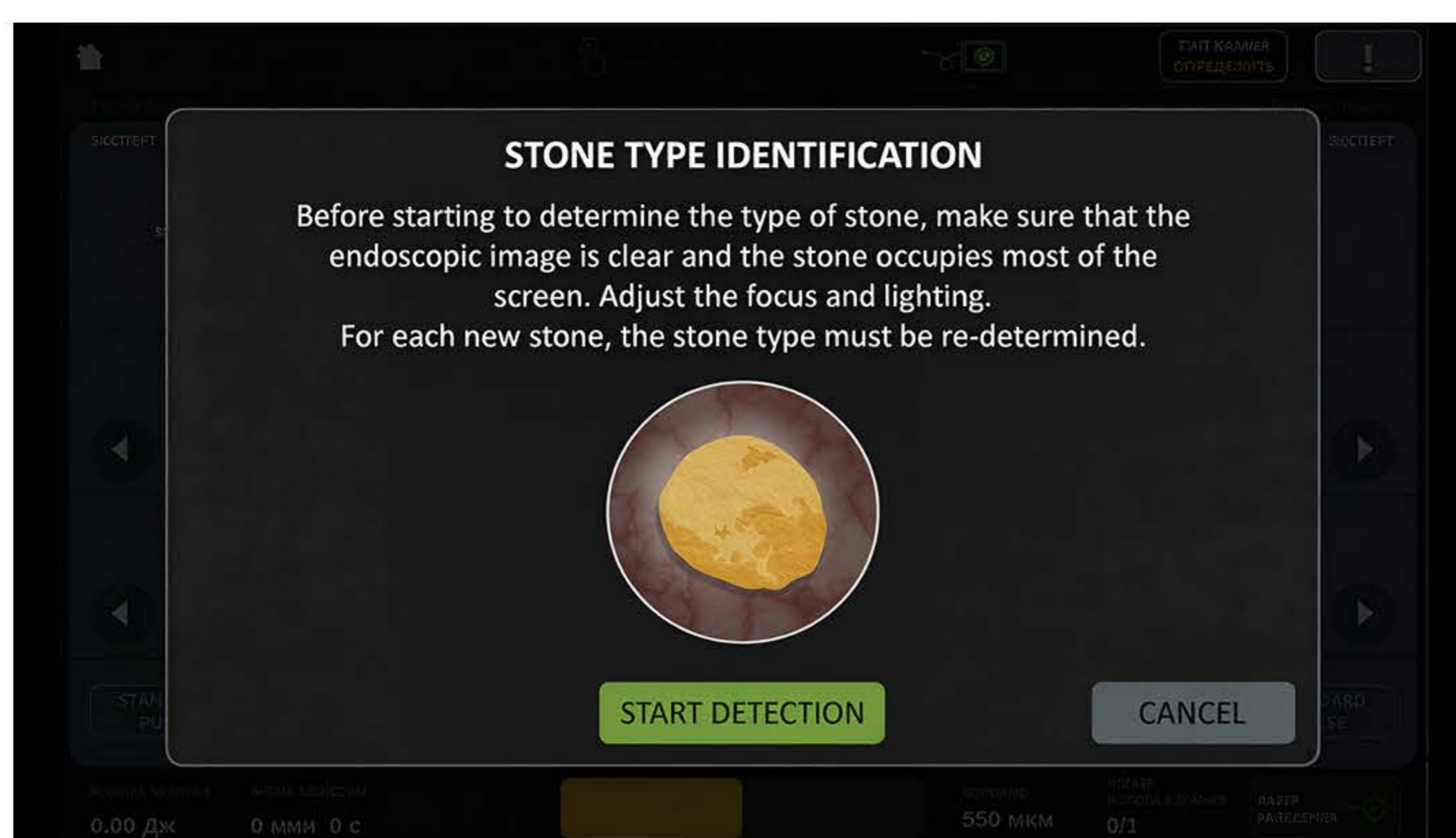
Integrated endoscopic and laser control platform

The Urolase Vision System (UVS) is a VPG LaserOne platform that integrates Urolase+, Urolase+ Premium, and Urolase Max with endoscopic workflows. It displays endoscopic video and real-time laser parameters on one screen, improving efficiency and safety during endourological procedures.

-  Stone type detection
-  Wireless connection
-  Compatible with any endoscope
-  Upgradeable system architecture
-  Laser settings display



UVS allows control of laser parameters and the device status without distracting from the endoscopic monitor: laser system parameters and endoscopic image are on the same monitor now. Automatic identification of stone composition allows to set recommended operating parameters on Urolase+, Urolase+ Premium and Urolase Max smart systems, including the Tissue Sensor parameters.





Pioneering precision laser technology

VPG LaserOne LLC (formerly IPG IRE-Polus Ltd.) is a vertically integrated company established by an outstanding Soviet scientist, Valentin Pavlovich Gapontsev, the founder of the international scientific and technical IPG Photonics Corporation.

VPG LaserOne is a globally recognized leader in fiber lasers and amplifiers, and devices and systems based on them. Drawing on deep expertise and decades of experience, VPG LaserOne LLC designs and supplies medical laser devices and surgical fiber for a wide range of applications.

VPG LaserOne develops advanced medical laser devices through a full-cycle process that includes device engineering, development of clinical application protocols, in-vitro research in its laboratory and clinical trials conducted with leading clinical centers.



1991

Year of establishment



>1M

Patients treated annually



50+

Patents in laser medical technologies



>3000

Medical laser systems installed worldwide since 2017