Bausch + Lomb’s Stellaris® PC surgical system offers advantages for integrated ASCs and retina specialists alike.

The Stellaris PC system is a complete surgical system that allows users to perform cataract, vitreoretinal surgery, and anterior chamber procedures.

**References**
3. Dimalanta RC, Ray A, Abulon DJKA, Buboltz DC. A closed surgical system with valved trocar cannulas during simulated vitrectomy. Associa-

**Surgical Efficiency and Cost Effectiveness**

**Ease of Use With Valved Cannulas**

“The biggest advantage of Bausch + Lomb’s valved cannulas is how seamlessly they enter the eye,” says Dr. Capone.

“The tapered design of the infusion cannula and the textured feature of the titanium cannula allow for overall better retention.”

He adds that the newest iteration of cannulas are “easier to insert than ever, permit greater flow rates, but provide surgeons with more control.”

In Dr. Capone’s opinion, one of the major advantages of the Stellaris PC valved cannulas is that “the wounds are very consistently watertight or air-tight on removal.” In complicated cases where higher concentrations of gas or silicone oil may be needed, “you’re less likely to experience egress of your vitreous substances in that situation,” he states.

Judy E. Kim, MD, Medical College of Wisconsin, Milwaukee, believes that Bausch + Lomb’s valved cannulas represent “the pinnacle” of that evolutionary process. The tapered design improves instrument exchange and improved valves and cannula retention and “provide substantially higher achievable infusion flow rates compared with non-valved polyimide cannulas,” which facilitates improved intrac-ular pressure (IOP) control, she says.

Laboratory results showed an improvement in wound retention performance with Bausch + Lomb’s ESA valved titanium cannula compared to other cannulas.

“I would never go back to regu-
lar, non-valved cannulas. The valved cannulas provide increased control for surgeons because the IOP fluctua-
tions are minimized and this adds to my peace of mind during surgery.”

According to a poster presentation at ARVO, the higher potential infusion flow rate performance using valved cannulas during closed-system vit-
rectomy facilitates more stable IOP control irrespective of aspiration rate, improving fluidic stability with minimal fluid leakage during instrument exchange.

**Latest Innovations**

Bausch + Lomb’s fully upgradeable 532 nm green laser module for the Stellaris PC fits seamlessly into the ex-
isting Stellaris PC frame, and includes an integrated wireless footpedal. For Dr. Blinder, the footpedal’s wireless technology “is an actual delight to use during a case, because it allows for less clutter and better physician comfort and control.”

The device’s integrated foot con-
trol was designed to reduce pitch to enhance surgeon comfort, and in-
cludes an integrated laser firing con-
trol and power setting. The wireless dual-linear footpedal allows for control of two parameters through a single pedal.

The Bausch + Lomb valved cannulas “save surgical time since we no longer have to look for plugs or remember to plug the cannula when we come out of the eye. Valved cannulas also save bal-
anced saline solution (BSS) com-
pared to nonvalved cannulas where BSS may be continually leaking.”

Dr. Kim says, “I think for the hospital, surgical efficiency and cost effective-
ness would be important.”

Ultimately, she says, “the rea-
sons why we have settled on Bausch + Lomb cannulas include easier er-
insertion, improved wound construc-
tion, easier instrument exchange and excellent IOP control, all of which add to the safety of our patients and effec-
tiveness of us as surgeons.”

That’s also part of the rea-
son why Dr. Blinder prefers the Stellaris PC system: “My choice of vit-
rectomy machines is the Stellaris PC. Bausch + Lomb has always provided us with outstanding support.”

Dr. Heier adds for those com-
plex cataract/retina procedures, the Stellaris PC “provides for a timely and cost-efficient procedure for both surgeons and staff.”

**Performance, Precise Control Mandatory For Surgical Systems**

Surgical efficiency and cost effectiveness are critical factors to surgeons and staff.

The Stellaris PC features a novel shaft retention feature specifically designed for better wound retention performance.