

Discovering the Potential of the SurgiCube®

Parker Cornea is a corneal specialist practice in Birmingham, Alabama, US, operated by father and son team, Dr. John Parker and Dr. Jack Parker. Dr. Jack Parker describes how he discovered the potential of the SurgiCube® in Europe and his impression of the device.

Parker Cornea is specialized in the treatment and research of corneal conditions, including keratoconus, Fuchs' dystrophy, cataracts, glaucoma, corneal scars and opacities, corneal stem-cell deficiency, failed corneal transplants, intraocular lens complications, corneal and conjunctival infection and inflammation, benign and malignant corneal and conjunctival tumors, ocular burns and hereditary corneal dystrophies.

Unique Introduction

"My introduction to the SurgiCube® was unique," explained Dr. Jack Parker. "Seven years ago, I started working with Dr. Gerrit Melles, the pioneer of modern endothelial transplantation techniques and the inventor of the SurgiCube®, in the Netherlands. My first experiences with the device were with operations in his Rotterdam Clinic. At that time, the set-up was unique, since the SurgiCube® was not used anywhere else in the world. Those experiences in the Netherlands really impressed me: the operations were easy, controlled, provided superior sterility and safety compared to a conventional operating theater, and could be conducted at a fraction of the cost, and in the convenience of a standard clinic setting. We wanted SurgiCube® for our own practice in the US and are in the process of acquiring two units for ourselves now."

Superior Sterility

Dr. Jack Parker was particularly impressed by the superior sterility of the system.

"The SurgiCube® offers a better, safer more sterile option than an operating room. The particle counts from the SurgiCube® are dramatically lower than those obtained from the environment of standard OR. In addition, the devices can be placed within existing, mostly unmodified rooms, without the need to revamp their architecture at great cost.

Cost-Effective

With a wide range of advanced surgical corneal procedures carried out at Parker Cornea, alongside sterility, the cost-benefits of the economical SurgiCube® are particularly beneficial for the practice.

"Our range of procedures includes corneal transplants," explained Dr. Jack Parker. "For us, building and maintaining a set of conventional, private operating theatres would be cost prohibitive. The SurgiCube®, however, allows us to perform the same procedures, with an enhanced safety profile, at a fraction of the expense."

Patient-Friendly Environment

The SurgiCube® can improve patient downtime and patient satisfaction.

"I have been surprised by how much the patients like the SurgiCube®," Dr. Jack Parker added. "Their experience is more relaxed and casual, which results in less patient anxiety. At the same time, the devices themselves are impressive looking. They convey a technological sophistication that the patients seem to appreciate and even enjoy,"

Dr. Jack Parker has also had a positive experience in using the SurgiCube® for teaching purposes.

“I have given dozens of wet lab demonstrations using this system in the Netherlands and will continue with this with the SurgiCube®s installed our practice in the US,” he explained.

Optimal Solution

“I am so pleased with the SurgiCube® so far,” remarked Dr. Jack Parker. “I love the technology I have seen, and would only like to see more widespread use of the system.”

Quote

“With the SurgiCube® it is possible to create a higher standard operating environment for less cost.”

Dr. Jack Parker, Corneal Consultant, Parker Cornea, Alabama, US.

Dr. Jack Parker

Jack Parker received his Medical Degree and Ophthalmology training at the University of Alabama in Birmingham (UAB), the US. He completed his corneal fellowship with Gerrit Melles, MD and PhD, in Rotterdam, the Netherlands.