

Filar's Anterior Segment and Retinal Camera on board Discovery

On August 25th, 2009 NASA will be launching the Space Shuttle Discovery on Mission STS-128 to the International Space Station. On board the shuttle will be a device created by Optometrist Dr. Paul Filar, a 2004 graduate of Pacific University College of Optometry. The Provizion Anterior Segment and Retinal Camera Attachment allows for telemedicine and photo-documentation of the eyeball. Images and video clips from Dr. Filar's camera can be sent around the world, or in this case, to Earth from Space. The camera attachment is a compact, portable, digital camera that fits onto a PanOptic Ophthalmoscope. The camera attachment is scheduled to be left on the International Space Station as a medical tool for any ophthalmology needs that may arise.



Dr. Filar was inspired to develop the Anterior Segment and Retinal Camera attachment because he travels to a nursing home and also to the rural community of Washington Island, Wisconsin to see patients. He was interested in creating an instrument that was portable but also affordable to practitioners. Dr. Filar comments, "I am extremely excited and proud about the opportunity to work with NASA in this unique capacity. It is amazing that my product will soon be up in space assisting astronauts at the International Space Station!"

For more information about Dr. Filar or his product, visit www.provizionusa.com or www.peninsulavisioncare.com.

About The Provizion Anterior Segment and Retinal Camera Attachment

The Anterior Segment and Retinal Camera Attachment is an easy to use, portable, and inexpensive instrument. The camera itself fits snugly against the practitioner's brow rest inside of its plastic housing, and takes images up to 8 megapixels (software enhanced). Using Carl Zeiss optics, the camera attachment software features options including auto or manual focusing, time and date stamping, zoom, and an HD video capability. When the physician is finished using the device, he or she can simply grasp the fin at the top of the attachment and pull it off of the Pan Optic Ophthalmoscope- no screws, adjustments, or permanent alterations are necessary. The camera is portable, attaching to the included Dell Mini Laptop, or to any other computer via a USB cable. Photos are taken with a snapshot button directly on the camera itself, with no need to click a mouse. For more information visit Provizion's website at www.provizionusa.com. Keith Favaro of 20/20 Medical Services of Burlington, WI distributes Povizion's Camera Attachment. He can be reached at 1-800-888-EYE-TEST.

About the International Space Station

The International Space Station is a state-of-the-art, orbiting laboratory complex that travels 240 miles above the Earth. Assembly began in 1998 and work on the complex continues today. The

first resident crew established the beginning of a continual human presence in space and arrived in a Russian capsule as part of Expedition 1 in November 2000. Since then, astronauts from more than 10 countries have carried out 19 missions. Crew members currently have interior living and working space for conducting ongoing medical and space research with the goal of improving the lives of people all over the world.

About NASA

Congress created NASA in 1958. Its mission is to pioneer the future in space exploration, scientific discovery and aeronautics research. Led by Charles Bolden Jr., the agency is headquartered in Washington, D.C., with 10 field centers and other facilities around the nation. For information or photographs about NASA and agency programs, visit www.nasa.gov.

About Dr. Paul Filar and Provizion

Provizion is owned by Paul Filar O.D. Dr. Filar practices optometry at his office, Peninsula Vision Care, in Sturgeon Bay, WI. Originally from Chicago, Dr. Filar is a graduate of St. Norbert College in DePere, Wisconsin, and Pacific University's College of Optometry in Forest Grove, Oregon. He is a member of Wisconsin Optometric Association, the American Optometric Association, and the College of Optometry and Vision Development (COVD). He was named Wisconsin's 2008 "Young Optometrist of the Year" by the Wisconsin State Optometric Association and the American Optometric Association.

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