

Advanced Technology, Revolutionary Care

By Savannah Mandeville

Grand Prosthetics & Orthotics LightWeight Artificial Limbs & Braces uses state-of-the-art technology to provide patients with the most comfortable experience possible.

Grand Prosthetics & Orthotics LightWeight Artificial Limbs & Braces, located in Grove, Oklahoma, is known for its innovative approach to comfortable and secure, custom-built prosthetics and orthotics, but the innovation doesn't stop there.

Dave and Beverly Helms, the owners of Grand Prosthetics, use Advanced Tech, a Joplin-based tech company, to implement new ways to provide patient-centered care because the latest in high-tech prosthetics requires interfacing with high-tech equipment.

"The technology aspect of our business is so important, and we are using it constantly," Beverly said. "With controls on our cell phones, we are able to adjust the room temperature or change the music or the volume to create the most comfortable environment for our clients possible. Their comfort is so important when we're talking with them about their health history, and we can make all these adjustments without interrupting the conversation."

The expertise of Advanced Tech has also afforded Grand Prosthetics with high-speed internet throughout the building, intercoms, video conferencing and high-quality photography for tracking clients' prosthetic status, and more. Advanced Tech has also provided systems for Grand Prosthetics to be able to store a vast amount of client data in a safe and secure manner and installed the building's security systems.

"Without good technology, a business that involves many steps and components is not feasible," said Troy Helms, owner of Advanced Tech.

"With modern technology and being able to set up the proper systems, I can help Grand Prosthetics help people, because that's their manta: 'people helping people.'"

The Helmses have been able to implement some of the same technology in their home.

Advanced Tech offers a number of "Smart Home" capabilities like smart locks, smart garage doors, voice commands, whole home automation, the latest in home security and more.

"Advanced Tech keeps us up-to-date on technology so that we are never slowed down due to the lack thereof," Beverly said. "Plus, Troy saves us so much time and makes our work environment work for us. He has saved us so much money, making it to where everything is streamlined, cost effective, and he has advised when it's in our best interest to invest versus when we are better off making a less costly decision."

It just so happens Troy Helms is Dave and Beverly's son.

"We have always been proud to be a family-owned and -operated business, with our other son, Andy, working alongside Dave and me in the office as a prosthetist," Beverly said. "It means a lot to us that our IT is within the family and is someone we know we can trust. Not to mention, he's someone we happen to know has been interested in technology since the age of six!"




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