

Visualize:Vascular

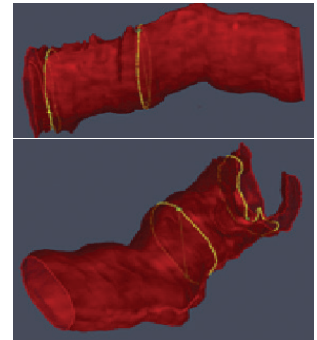
Salient Imaging
603-315-4952
www.salientimaging.com

KEY FEATURES

- Generates focused, 3D rendering from 2D DICOM ultrasound images
- Automatically measures luminal diameters
- Automatically calculates luminal reduction to determine the degree of stenosis
- Aids in determining extent of disease in arteries
- Helpful in vein mapping

Visualize:Vascular is an algorithm that processes two-dimensional (2D) vascular ultrasound images and renders them into three-dimensional (3D) images to effectively track the true luminal diameter in arterial or venous pathways. Maximum and minimum diameters are automatically measured and calculated in 3D to determine luminal reduction, which aids in assessing the degree of stenosis or automatically mapping veins. Visualize:Vascular uses the same technique as computed tomographic angiography or magnetic resonance angiography.

B-mode transverse scans of an artery or vein are captured in a cine clip. Images are then sent to Salient using a HIPAA-secured cloud to be processed by a vascular specialist, and results are returned quickly. Results are directly applicable with NASCET, ratio, or intraluminal criteria. Visualize:Vascular is a completely different technique from either color flow or Doppler ultrasound and is available as a service. Visualize:Vascular received 510(k) clearance from the US Food and Drug Administration.



myWoundWatch iPhone App

www.mywoundwatch.com
or search the Apple App Store for
"mywoundwatch"
Contact:
john.phillips2@ohiohealth.com
Read more: bit.ly/EVTmyWoundWatch

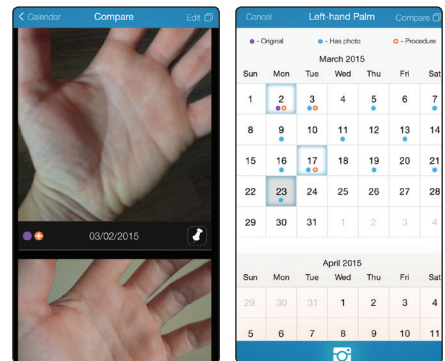
KEY FEATURES

- Ability to capture, compare, and share images between patients and providers
- HIPAA-compliant server
- Patients link images to a provider
- Interactive wound calendar for tracking healing progression
- Potentially reduces patients' need to travel for wound checks

myWoundWatch is a free, HIPAA-compliant image sharing app that gives medical providers the ability to monitor patient wounds via their mobile devices.

According to John A. Phillips, MD, the interventional cardiologist at OhioHealth who developed the app, the idea for myWoundWatch stemmed from the desire to more actively monitor patients' wounds, get patients more involved in their own wound monitoring, and ease the burden of frequent office visits for mundane tasks. The hope was that with making the monitoring process easier and the wound progression review process more active, the healing time would begin to decrease, and serious concerns could be addressed more quickly.

Patients have the ability to capture and upload wound photos; view a list of wounds; view wound images in an app-based calendar; compare images in a scrollable view; and share wound images with their providers. Providers have the ability to add new patients; capture and upload wound photos; view wound images in a calendar; compare images in a scrollable view; and receive alerts regarding new patients and wound images.



OHKI Baum, Venous Forceps, and OHKI Tunneler

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KEY FEATURES

OHKI Baum:

- Multifunctional (cutting, dissecting, grasping, cauterizing)

Venous Forceps:

- Smaller incision and better cosmetic outcome

OHKI Tunneler:

- No preparation needed for attaching tunneler to vessel prosthesis

In conjunction with medical device incubator JOMDD, Japan-based OHKI INVENTS has developed a suite of surgical instruments aimed at improving the function of everyday surgical devices, as well as making instrument exchange more efficient. OHKI INVENTS is founded by Professor Takao Ohki, Chairman of the Department of Surgery and Professor and Chief of the Department of Vascular Surgery at Jikei University School of Medicine in Tokyo, Japan, and former Chairman and Professor of the Department of Vascular Surgery at Albert Einstein College of Medicine in Bronx, New York.

In describing the impetus to design better surgical instruments, Prof. Ohki commented, "I have often been frustrated during surgery when the scrub nurse doesn't hand me the right instrument immediately. Even a lost second or two can ruin the rhythm of surgery."

OHKI Baum's multifunctional design aims to reduce the number of instrument exchanges during any surgery, leading to less stress and rhythmic surgery.

"OHKI Baum not only significantly reduces the number of instrument exchanges but also allows me to do maneuvers that I couldn't before, including blunt dissection (peeling) using a standard forceps and the grasping tip of the OHKI Baum, and cauterizing blood vessels and bleeding point by using the grasping tip. I can expose the femoral artery for EVAR, perform CEA, or a groin hernia operation using the OHKI Baum alone without any instrument exchange."

The Venous Forceps is able to grasp varicose veins from a small remote incision without stretching the skin, leading to less/smaller incision and improved cosmetic outcome, as well as better patient satisfaction.

The OHKI Tunneler is able to tunnel vascular grafts and drainage tubes easily without stretching the incision. There is no need to attach the graft to the tunneler.

The OHKI Baum, Venous Forceps, and OHKI Tunneler are FDA-approved as Class I devices. ■

To watch video of the OHKI INVENTS instruments in use, please visit: bit.ly/OhkiInstruments

