IC-Flow™ Imaging System

Diagnostic Green

IC-Flow™ Imaging System is the world's first handheld fluorescence imaging device with integrated display of the fluorescence image.

IC-Flow procedure

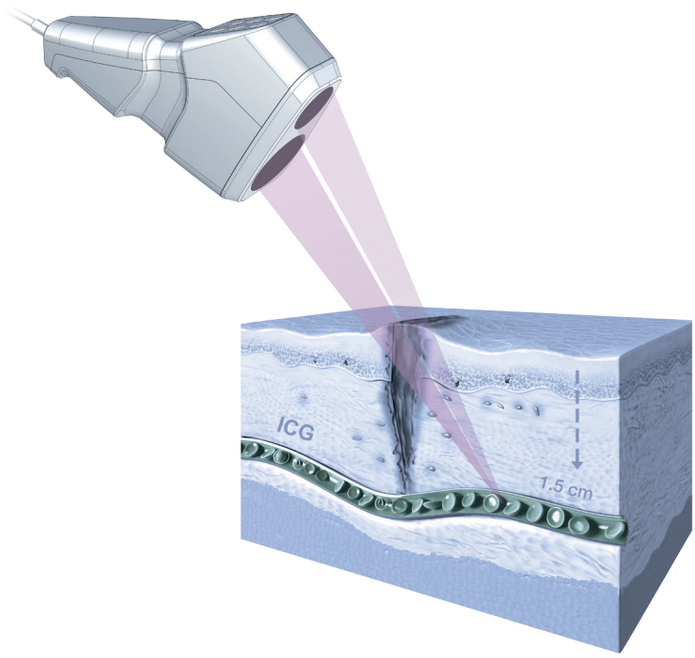
Fluorescence principle

The fluorescent dye is dissolved and injected. It emits a fluorescence light when it is excited by the near-infrared (NIR) light source of the IC-Flow Camera.

The resulting fluorescent light is detected by the IC-Flow Camera and displayed on the IC-Flow Monitor or internal touchscreen.

Fluorescent images can be obtained at a maximum 1.5 cm below the tissue surface.

The IC-Flow takes advantage of the NIR content of ambient lighting so that the body contours are visible. This is important for image interpretation during a procedure.



Unique user benefits

- Flexible configurations to meet user-specific needs
  - Integrated Operating Room System
  - Portable Point of Care System
- Handheld and easy to use
- Benefits of LED compared with laser light source
  - No maintenance
  - Minimal service requirements
- Operated via camera or touchscreen
- Fast boot up time
- Backed by Diagnostic Green
  - Global supplier of ICG
  - 20 years experience in Perfusion Imaging
  - IC-View camera -> PDE camera -> IC-Flow

The use of IC-Flow Imaging System

1. After being switched on, the system is ready to be used within seconds
2. Using the Green Balance ICG Reference Card -> functional check and camera settings adjustments
3. Fluorescent dye is dissolved and injected
4. IC-Flow Camera is held at a distance of 15 - 20 cm to the tissue
5. Display of fluorescence image on monitor and/or touchscreen
6. Recording a video or taking a snapshot
7. Transfer of stored data to an USB stick (demonstration purpose)

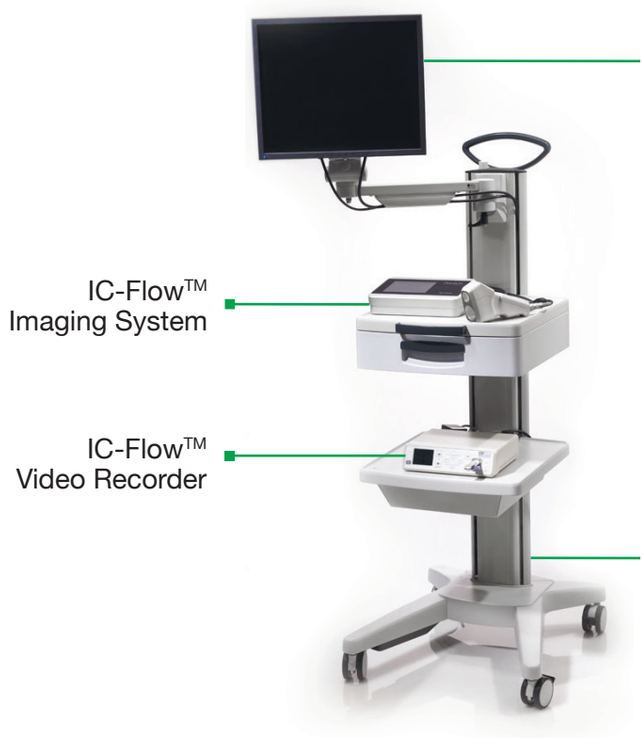
IC-Flow Configurations

Point of Care System

- Compact and easily portable
- Fluorescence image on touchscreen
- No additional equipment required
- Data transfer to USB stick (demo purpose)

Operating Room System

- Cart system for organization
- Integrated system with monitor
- Fluorescence image on touchscreen & monitor
- External recorder for official recording with patient data



IC-Flow & Accessories

IC-Flow™ Monitor

IC-Flow™ Cart

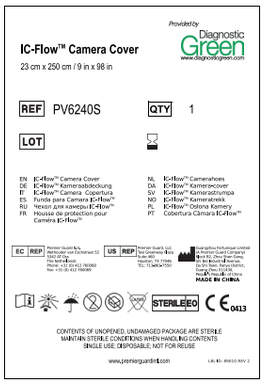
IC-Flow™ Monitor
(Art. No. PC6224)

IC-Flow™ Imaging System
(Art. No. PC6200)

IC-Flow™ Video Recorder
(Art. No. PC225)

IC-Flow™ Cart
(Art. No. PC220)

Green Balance ICG Reference Card
(Art. No. PV6210U)



IC-Flow™ Camera Cover
(Art. No. PV6240S)

Benefits - IC-Flow method

Why IC-Flow method?

Using the IC-Flow allows a **real-time visualization** of the injected dye in the tissue.

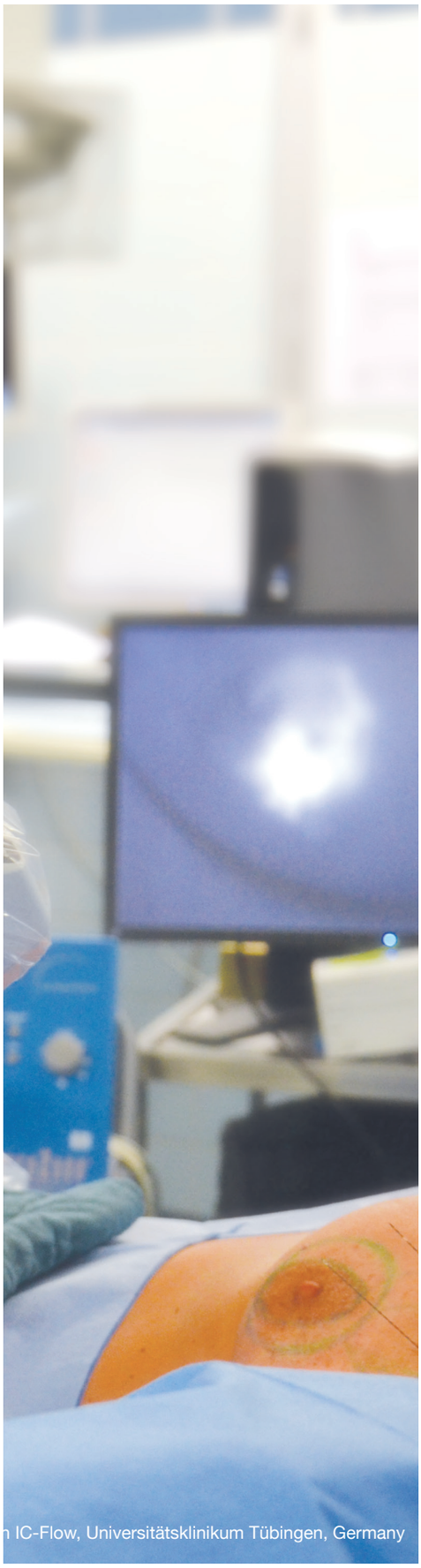
Due to the fast preparation time and the short period of use the method can be performed **before, while and after the treatment procedure.**

The usage of this imaging method can be **learned easily.**

In comparison with some other imaging methods the IC-Flow procedure causes no **harmful radiation.**

SLN detection procedure with IC-

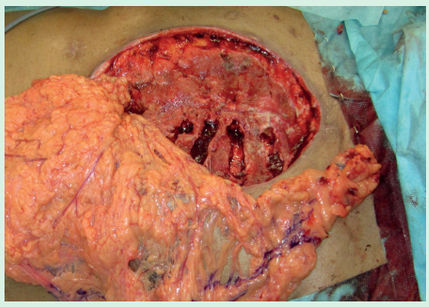
Indications

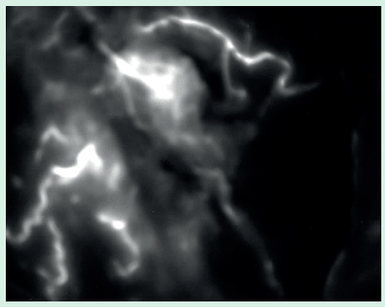


h IC-Flow, Universitätsklinikum Tübingen, Germany

Plastic reconstruction surgery

- Perfusion visualization of flaps (patency/control check)
- Visualization of intraoperative anastomosis

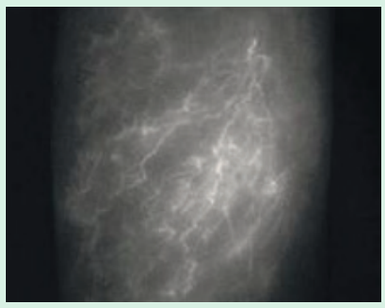




Dr. Ulf Dornseifer, Klinikum Bogenhausen, Munich Germany.

Secondary Lymphedema

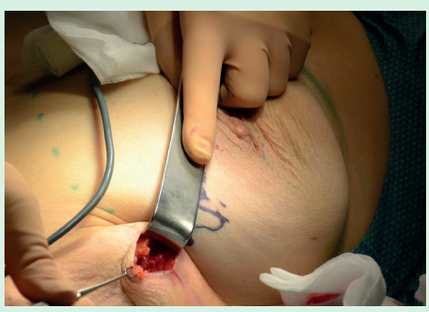
- Evaluation support of lymphatic function
- Assessment of lymphatic flow velocity

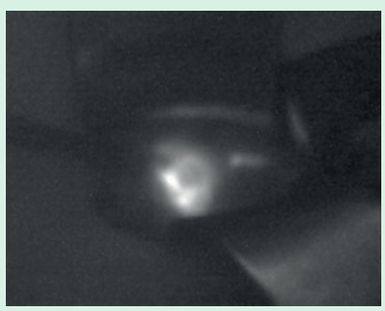


JP. Belgrado, L. Vandermeeren, Université libre de Bruxelles, Brussels, Belgium.

Oncology (Gynecology/ Dermatology)

- Visualization of the lymphatic vessels
- Detection of Sentinel Lymph Nodes (breast/skin cancer)





Dr. Bianca Baican, AGAPLESION Markus Krankenhaus, Frankfurt, Germany.

Diagnostic Green

Manufacturer & Distributor

Diagnostic Green GmbH
Otto-Hahn-Straße 20
85609 Aschheim-Dornach
Germany

Telephone: +49 (0) 89.1241.477.20
Fax: +49 (0) 89.1241.477.29
info@diagnosticgreen.com
www.diagnosticgreen.com

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