

The power to heal lives.



ORGAN AND TISSUE DONATION

Medical Imaging & Expediting Availability of Information to Transplant Centers

Crystal Peeples
Donation Coordinator II
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The Need is Great

- Provide Optimal Organ Data
- Radiologic Interpretation can be vague (not transplant specific) and allows for interpretation variability
- Secure Method of Medical Image Sharing

The Search Begins

- Gift of Life Michigan realized we needed a way to continue to offer the Image Sharing Service
- Researched what if any service local transplant hospitals utilized for image sharing
- Reached out to several Image Sharing Sites
- Narrowed it down to three that we found most adaptable to our use

The Decision Process

- Cost/Analysis Benefit
- Static and Motion Image Sharing
- User friendly (OPO staff and Transplant staff)
- Minimal Initial Set Up
- Minimal Training

The Decision

lifeIMAGE®

We see care differently.

- Ease of Use
 - Tested and approved by the non-tech savvy coordinators
- Adaptable/Customizable
- Static and Motion Images with short upload time

Implementation

- Developed a means for communicating chosen Information Sharing with Transplant Centers
 - Individual Account Created per Case
 - User name and Password Entered in Donor Highlights
- Donation Coordinators trained at state-wide clinical staff meeting
- User names and passwords created and distributed

How Gift of Life Michigan Utilizes lifeIMAGE

- Life Image Accounts are generated with generic password
- **Short upload process on-site**
- Onsite Donation Coordinator notifies Donor Service Center Coordinator (DSC) that they are in need of a LifeImage Account
- DSC accesses LifeImage Account assignment sheet and assigns an account number unique to specific case

lifeIMAGE Utilization (cont.)

- Password is personalized to specific case
- Information is placed in Donor Highlights on summary page of UNET
- When offers are sent out, the image sharing information is already imbedded in the offer via Donor Highlights
- Transplant Center Staff has immediate access to both static and motion images

Benefits

- Extremely user friendly
- Quality images both static and motion
- No additional down/uploading once image uploaded to LifeImage Website
- Practically no training for Transplant Center Staff
- Minimal maintenance

Echocardiogram Interpretation

- Challenges:
 - Obtaining a STAT read
 - Inconsistent interpretation
 - Focus on Transplant Community needs

Research

- Chief Medical Officer
- Introduced via an OPO National Meeting
- Turn around read within 2 hours
- All Cardiologists (readers) trained in the same manner with focus specific to transplant physicians needs
- Continuity

Solution

- CompuMed
- Obtain STAT ECHO at host hospital
- Obtain basic measurements from ECHO tech
- Send information to CompuMed
- Results received via email to On-Site Coordinator and OPO Chief Medical Director

Questions?

Crystal Peeples, RN, BSN, CPTC
Donation Coordinator II

Gift of Life Michigan

Crystal Peeples

Donation Coordinator II

cpeeples@giftoflifemichigan.org

1-800-482-4881