

# Solid Organ Transplant Patient Education Videos

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## Introduction/Problem

Transplantation is an extreme lifestyle change. Lack of knowledge around solid organ transplants can leave patients feeling overwhelmed and unprepared which can adversely affect graft survival. In recognition of the many different learning styles, we identified that previous educational materials primarily catered to reading/writing, kinesthetic and visual learners. Audio/visual learning is needed to complement and enforce materials provided via the Transplant Patient Education Binder which is targeted for the reader/writer and the interactive Self Medication Program which is targeted for the tactile learner.

## Aim/Goal

“Let’s Talk Transplant: Survival Skills for Life with Your New Organ”, a patient education video, was created to target the audio/visual learner in order to enhance transplant education so that patient(s) and loved one(s) return home safely and with the confidence needed to care for their new “gift(s)” outside of the hospital. Topics covered include general surgical discharge instructions, medications and diet for all solid organ recipients.

## The Team

- The Transplant Patient Education Committee: Transplant Coordinators, Farr 10 Nursing, Transplant Social Work, Transplant Pharmacy, Transplant Nutrition, Post-Transplant Patient and Director of Transplant Services
- Project Leaders: Maureen Doherty LICSW, Erica Gemellaro RN and Audrey Paradis RD



## The Interventions

Post-transplant patient education videos were created with input from a multidisciplinary team in addition to patient feedback:

### Creating the Content:

- Transplant Patient Education Committee: multidisciplinary committee transitioned format of current education materials primarily catered to reading/writing, kinesthetic and visual learners in preparation of audio/visual production and also solicited clinical feedback from Transplant Nursing Director, Transplant Infectious Disease Specialist, Transplant Nephrologist, Transplant Hepatologist and Transplant Surgeon
- Patient Luncheon Focus Group: representatives from nutrition, nursing, pharmacy and social work as well as 3 liver recipients and 3 kidney recipients clearly defined areas where previous education materials were in need of enhancement
- Final Chapters: topics covered include general surgical discharge instructions, medications and post-transplant diet for all solid organ recipients

### Making of the Videos:

- Multidisciplinary collaboration for audio/visual enhancement and technology support with Media Services and Corporate Communications
- Patient introduction “video” followed by staff “voice overs” (audio) with PowerPoints (visual) – video clips with text

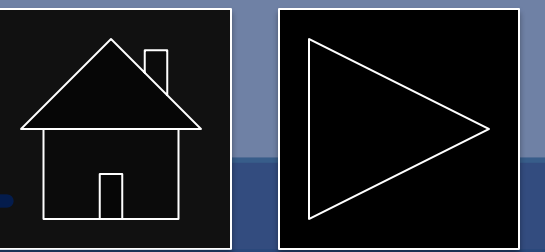
### Rolling it Out:

- Patient Education: via DVD on portable DVD player during initial post-transplant admission on the inpatient transplant unit or on personal device via website link [www.BIDMC.org/transplantvideos](http://www.BIDMC.org/transplantvideos)
- Staff Education: inpatient and outpatient transplant team competency via MyPath training with quiz

***For more information, contact:***

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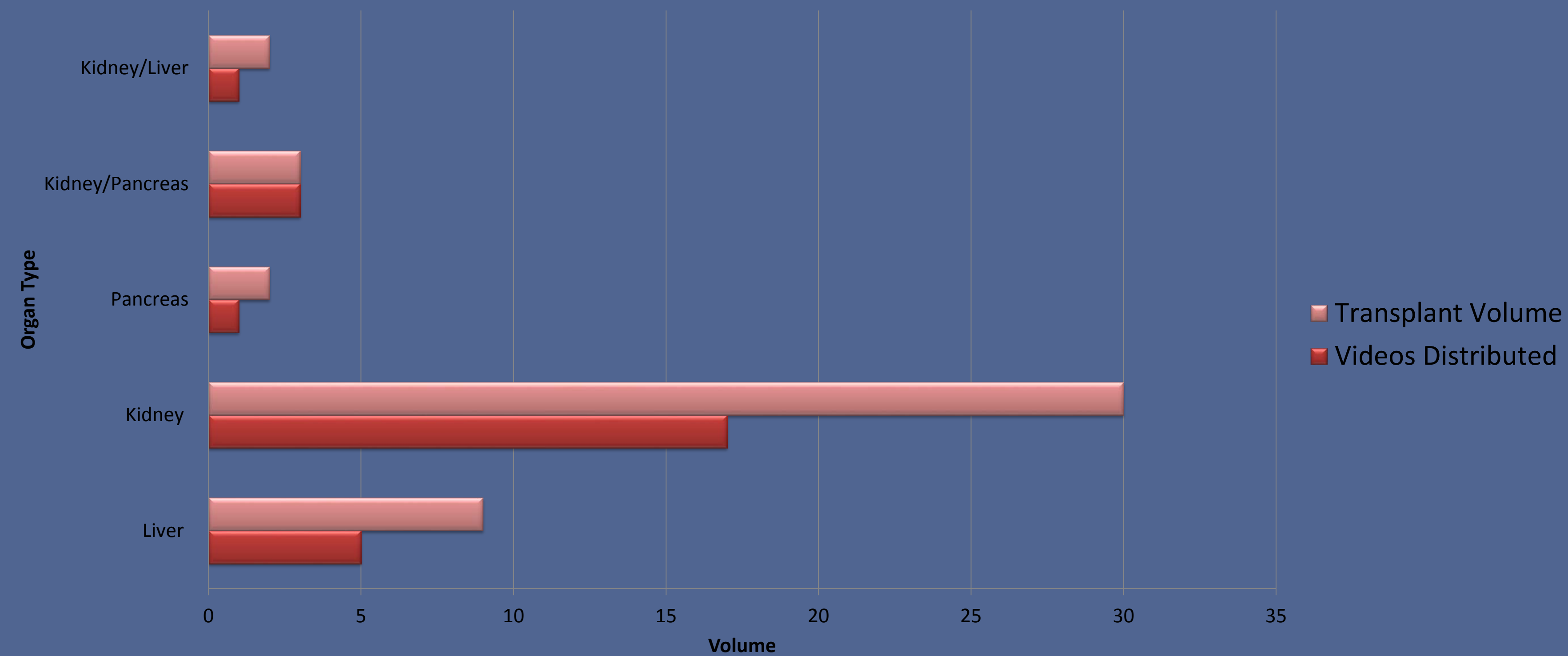


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## The Results

**Volume of Transplant Cases and Videos Distributed by Organ**  
Mid October 2016 to Mid February 2017



## Lesson Learned

- Barriers to capturing all patients prior to discharge during initial “roll out” period
- Lapse in time to train all transplant nursing staff on how to utilize video as tool for patient education sessions
- Incorporation into the patient’s pathway more meaningful to patient when based on individualized level of readiness as opposed to specific post-op day
- Quality of DVD players not optimal for hospital setting, small screen size for those with poor vision, and DVD power cords short in length making it difficult to view when not on battery charge
- Patients requesting more personal testimonials from other transplant recipient experiences

## Next Steps

- Collecting data via surveys for patient education improvement purposes
- Translation in hopes to better educate our patients with preferred languages other than English
- Expand “Let’s Talk Transplant” series to meet other transplant patient and staff specific needs
- Develop a patient fact sheet to inform patients of this educational resource and how to access the videos post-discharge
- Develop outreach healthcare provider fact sheet to inform rehabs and VNAs of available transplant educational resource
- Research and purchase more durable viewing device separate from current DVD model

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