

# ***News From The Northland***

Volume 26, Number 3

July—September 2019



[www.HOLSG.org](http://www.HOLSG.org)

## **Tuesday, July 9th: 7:00 PM : Open Meeting**

Open discussion for issues, topics, questions, or concerns that need to be addressed. Our meetings are set up to have a program every other month, and the next month to be an open meeting. This gives us an opportunity to share, ask questions, or discuss situations, news, or upcoming events.

## **Saturday August 3th Summer Luncheon 11:30-2:30**

Come join us for our annual summer luncheon to be held at Ace's on 29th, 2827 Oakes Ave in Superior, WI. We will gather at 11:30 and expect to eat about 12:30, ordering from a menu with a variety of options available. We will hold our Susie/Laila Sale which is a fund raiser for our group. This gives folks a chance to meet and have good conversation, and take home the treasures won from the Susie/Laila sale. Empty out your attic and come join us on Saturday, August 4th. **Please RSVP to Glenn at [glennpete5@msn.com](mailto:glennpete5@msn.com) or 218-879-5758 by July 29, 2019.**

## **Tuesday September 10th: 7:00 PM Speaker: Karen Sidorowics**

Ms. Sidorowics is the hospital liaison from St. Lukes Medical Center in Duluth. She will talk about Her experience with the donor process and donor family contacts.

**“News & Notes”**

**Presentations:**

**May 24: Denfeld Drivers Ed– Tom Saburn**

**April 24: Essentia Life Source—Tom Saburn, Beth Sandstrom and Gloria Mattakat.**

**Thank You::**

**A monetary donation from the Marshfield Clinic Health System in Marshfield, WI in memory of Mary Jacobson. Mary’s daughter is an employee of the Marshfield System.**

**Happy Birthday and Best Wishes-  
This Issue:**

Marge Stenstrom	Liver	7/3/1997
Travis Hanson	Kidney	7/10/1999
Jackson Beattie	Kidney	7/12/2012
Darrell Sampson	Kidney	7/18/1990
Janet Moran	Kidney	7/19/2000
Mary Manderschei	Kidney	7/25/2004
Arlee Wilkes	Kidney	7/25/2008
Dwight Morrison	Heart	7/28/2004
Leta Sisto	Kidney	7/31/1997
Heather Krisiak	Heart	8/1/2013
Tom Griffin	Liver	8/11/2002
Jack Altonen	Kidney	8/11/2004
Zach Crosby	Heart	8/12/2014
Tom Saburn	Heart	8/13/2004
Shirley Kuberka	Heart	8/27/2004
Judy Lovedahl	Kidney	9/2/1986
Harvey Genedek	Heart	9/3/1991
Jim Wester	Kidney	9/5/2006
Leroy Evans	Kidney	9/16/1999
Bill Fronckiewic	Liver	9/28/2002
Christy Buetow	Heart	9/28/2008

**Cares and**



**Prayers:**

To The Families of  
Jennifer Shober-Nelson who  
passed away May 23, 2019

**Transplant Café:**

For those of you that have a few extra minutes or like to interact with transplant news and events there is an on-line contact you may enjoy. The Transplant Café is a site that has many choices to interact in the transplant world. It is a social network with people, places and things who are interested in transplant. Transplant news, stories, videos, pictures, events, groups, etc. are showcased in on this site. Give it a look-see at [www.TransplantCafe.com](http://www.TransplantCafe.com)

**Scientists Use 3D Printing To Create A Heart:**

A team of Israeli scientists printed a heart with the patients own stem cells in a world first. Past researchers had been able to print simple tissues without blood vessels. This development was the first time anyone anywhere has successfully engineered and printed an entire heart replete with cells, blood vessels, ventricles and chambers, Tal Dvir of Tel Aviv University told the Jerusalem Post.

The heart, about the size of a rabbits, is too small for a human, but the process used to create the heart shows the potential for one day being able to 3D-print patches and maybe full transplants.

Because the heart is made from the patients own biological materials, it reduces the chance that the transplant would fail or reject.

The team used fatty tissues then separated and reprogrammed the cellular and acellular materials in the construction of the new heart. Stem cells were then used to build the new heart.

**More Astonishing Bioprinting Breakthroughs:****Printed Corneas to Replace Synthetic Solutions:**

In South Korea researchers have bio-printed prototype corneas composed of corneal stroma, the dense material that makes up the majority of the cornea and supplementary stem cells. The printed 3d corneas mimic natural cornea collagen patterns thanks to a friction based process that scientists can control during printing. While synthetic corneas are on the market today, they include materials that the human body may reject post-transplant, causing some recipients to lose the transplant.

**Bio-printed Bones and Cartilage:**

3D printed artificial bone has greater integrity than cement based synthetic materials that are used today. It replicates the structure and allows for new tissue to form.

In Australia researchers have developed a cartilage printing machine that fits in the palm of your hand. The biopen is full of cells that can be implanted into failing joints. This cartilage can replace a damaged joint in layers without disrupting the bodies natural joint structure or the ability to heal itself. This treatment will someday be available for: the pivot joint in the neck, hinge joint in the elbow, the saddle and condyloid joint in the wrist, the plane joint in the ankle and the ball and socket joint in the hip.

**Self-sustaining Skin Grafts:**

Wake forest School of medicine has a new printer that prints skin cells onto a burn, replacing the skin graft procedure used today. The device scans for size and depth and produces cells spaced out to address the full depth of the wound, growing from 10% of the wound to heal the full wound.

Transplant Update:

Five Transplants in February: 3 Kidneys, 1 Liver, 1 Pancreas

Nine Transplants in March: 2 Hearts, 2 Kidneys, 2 Livers, 3 Lungs

Nine Transplants in April: 1 Heart, 6 Kidneys, 2 Lungs

Eleven Transplants in May: 4 Hearts, 4 Kidneys, 1 liver, 2 Lungs

We need more donors; the list is still over 105,000 in need!!

*In this Issue . . .*

- *Tuesday July 9th, 7:00 PM: Open Meeting*
- *Saturday August 3th Summer Luncheon 11:30-2:30:*
- *Tuesday September 10th, 7:00 PM: Speaker: St. Lukes Hospital Donor Liaison*
- News and Notes: Happy Birthday and Best Wishes: Cares and Prayers
- 3D Heart Printing
- More Astonishing Bio-Printing
- Transplant Update:

