



# Impact of Grants

Annual Spring Luncheon

May 10, 2023

2011  
Mobile  
Intensive Care  
Unit

\$30,000

The Valley Hospital purchased two Lucas chest compression systems for use in Valley's Mobile Intensive Care Units. These systems provide uninterrupted chest compressions to patients suffering a sudden cardiac arrest.

*Your Impact...*

The average rate of return of spontaneous circulation upon arrival at the ED is 35% (vs. a national average of 7%-10% without using the Lucas systems). Other ambulance corps in the region followed Valley's lead once they learned of Valley's successful use of the Lucas CPR systems.

2012  
*Thrive!*

*\$60,000*

*Thrive!* members are offered a variety of health education and screening programs that empower and encourage women's health.

## *Your Impact...*

*Thrive!* has reached nearly 10,000 women since the program's inception, providing educational, screening, and networking events for women of all ages: mothers with young children, teens, working women, and seniors.

2013

Inpatient  
Palliative Care

\$90,000

Inpatient palliative care is provided to patients and their families during times of crisis. This grant allowed for the addition of a part-time social worker to the palliative care team for a two-year period.

### *Your Impact...*

During the two-year period of this grant, the social worker made more than 1,600 patient visits, providing more focused attention to the patients and their families when they needed it most. Following the time frame of the grant, the position was permanently added to the palliative care team.

2014

## Simulation Lab

\$120,000

Simulation is used to practice specific scenarios in specialty areas with interdisciplinary teams to prepare staff for a variety of possible challenges that may arise in real-life situations. This grant was used to purchase a male simulation robot for use in various training sessions.

### *Your Impact...*

Simulation training has occurred in areas such as critical care, perioperative services, women and children's services, emergency department, and medical-surgical services. Almost 1,400 staff participated in training in 2018; and more than 2,100 staff have participated in 2019 to date.

2015

Home-based  
Palliative Care

\$151,000

This grant established the Valley Health System's Home-Based Palliative Care program as an expansion of the palliative care services available to inpatients at The Valley Hospital and to outpatients at the Luckow Pavilion.

### *Your Impact...*

Patients with chronic illnesses receive access to home visits by a nurse practitioner, chaplain, and/or a social worker, as well as the phone presence of the palliative care coordinator. There was a 32% increase in referrals from 2017 to 2018; and the palliative APN has completed 476 visits in 2019 to date.

2016  
In Vitro  
Fertilization

\$170,000

This grant gave the Fertility Center's *Reach for Hope* program the opportunity to help young women preserve their fertility after a cancer diagnosis.

*Your Impact...*

*Reach for Hope* has provided financial assistance to 19 patients. This assistance helped pay for their preservation cycles and storage fees. It also helps pay for the transfer cycles when they are ready have children following their cancer treatments.

2017

Pediatric/  
Adolescent  
Mental Health

\$160,000

The Pediatric/Adolescent Mental Health program serves about 30 children regularly for issues such as ADHD, anxiety, and depression. Length of care can range from 1 to 2 years, depending on the severity of the illness.

*Your Impact...*

The cost of sessions are offset by this grant when insurance coverage is not available. Additionally, the grant has been used to increase staff to full-time status to serve more patients.



2018

3-D Printer  
Core Lab

\$130,000

A FormLabs SLA Printer with Axial 3-D software was purchased and installed in 2019, inaugurating a 3-D Printer Core Lab at Valley.

### *Your Impact...*

Valley doctors successfully demonstrated the impact of 3-D prints and advanced visualization in planning and executing a complex electrophysiology procedure, probably representing the first such procedure performed using a 3-D model print for guidance.

2019

Breast Cancer  
Exercise  
Research  
Project

\$130,000

This grant funds a research project titled *Use of a Structured Exercise Program to Prevent Deconditioning and Improve Surgical Outcomes in Breast Cancer Patients Receiving Neoadjuvant Chemotherapy*.

*Your Impact...*

A target study group of 30 women who meet the requirements will participate in a 12-week exercise program. The goal is to learn more about the efficacy of exercise as an intervention, the optimal characteristics of the intervention, and its impact on quality of life.

2020

## The Valley Hospital in Paramus

\$167,000

The new hospital, its design, and advanced technology will allow Valley to stretch the possible and take maximum advantage of future advances in patient care, research, and technology.

### *Your Impact...*

Valley has a unique opportunity to build a state-of-the-art 372-bed hospital which is easily accessible and further enhances the already strong Valley reputation. In appreciation for this gift, Women For Health will be recognized in the new hospital's Neonatal Intensive Care Unit Family Lounge.

2021

# Center For Diabetes Management

\$130,000

VMG's Center for Diabetes Management offers comprehensive care for patients with diabetes.

## *Your Impact...*

With the *Women For Health* grant, this program will expand to include retinal cameras to help detect early signs of eye disease due to diabetes and develop customized patient education modules and videos in which patients learn how to perform important self-care. Additional staff education and training on the latest best practices in diabetes care will also be rolled out.

2022

Pediatric  
Endocrinology  
CDE

\$130,000

VMG Pediatric Endocrinology Certified Diabetic Educator.

*Your Impact...*

The Certified Diabetic Educator is dedicated to patient follow-up, and facilitates streamlined communication between patients, parents, school nurses, and physicians on the VMG Pediatric Endocrine team. This positively affects health outcomes for the children under care as well as improves coordination with the various insurance carriers.



Total Grants  
2011 - 2022:

\$1,468,000

*Thank you!*