

2017  
ANNUAL REVIEW



*The Cancer Center*  
At Little Company of Mary Hospital

# 2017 Message

## from the Chair of the Cancer Committee

It is our privilege to present the 2017 Cancer Program Annual Report for Little Company of Mary Hospital. Little Company of Mary Hospital's state-of-the-art Cancer Center continues to provide a holistic approach to cancer treatment, focusing on the mind as well as the body. The Cancer Center specializes in providing personalized comprehensive care through the support of the latest technologies, and is able to provide promising new treatments throughout the continuum of care, from diagnosis through survivorship.

### 2017 Cancer Program Highlights:

- Established a new affiliation between LCMH and UCM Radiation Oncology Department
- Received Women's Choice Award
- NAPBC Awarded Reaccreditation
- Cancer Resource Center Renovation Project Approval
- Continued support from Beverly Breast Cancer Walk

The success of Cancer Program's accomplishments is dependent upon the continued leadership from the members of the Cancer Committee as well as the support from the physicians, nurses and staff. We remain dedicated to our mission of providing the highest quality of cancer care and anticipate even a greater success in the future.

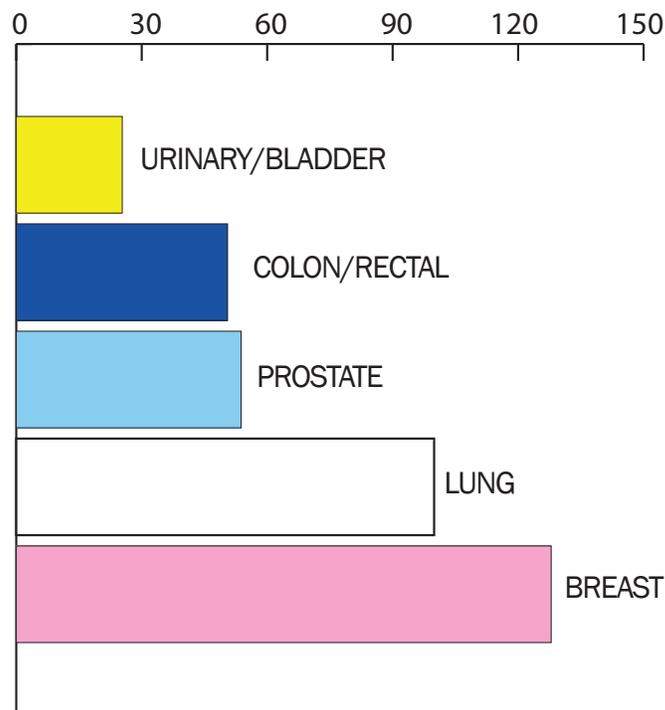


Dr. Simona Chivu, M.D.  
Chairman, Cancer Committee  
Hematologist/Oncologist

## Frequency Report Summary

PRIMARY SITE	PATIENT COUNT	MALE COUNT	FEMALE COUNT
<b>ORAL CAVITY &amp; PHARYNX</b>			
TONGUE	5	4	1
SALIVARY GLANDS	1	0	1
NASOPHARYNX	1	1	0
TONSIL	2	2	0
OROPHARYNX	1	1	0
OTHER ORAL CAVITY & PHARYNX	1	0	1
<b>DIGESTIVE SYSTEM</b>			
ESOPHAGUS	10	5	5
STOMACH	16	6	10
SMALL INTESTINE	2	0	2
COLON (EXCLUDING RECTUM)	51	28	23
RECTUM & RECTOSIGMOID JUNCTION	12	5	7
ANUS, ANAL CANAL & ANORECTUM	1	0	1
LIVER-INTRAHEPATIC BILE DUCT	4	3	1
GALLBLADDER	2	0	2
OTHER BILLARY	1	1	0
PANCREAS	17	8	9
<b>RESPIRATORY SYSTEM</b>			
LARYNX	9	6	3
BRONCHUS AND LUNG	102	35	67
<b>SKIN (EXCLUDING BASAL &amp; SQUAMOUS)</b>			
MELANOMA-SKIN	5	2	3
<b>BREAST</b>			
BREAST	124	2	122
<b>FEMALE GENITAL SYSTEM</b>			
CERVIX UTERI	9	0	9
CORPUS & UTERUS NOS	17	0	17
OVARY	6	0	6
VULVA	1	0	1
<b>MALE GENITAL SYSTEM</b>			
PROSTATE GLAND	53	53	0
TESTIS	4	4	0
<b>URINARY SYSTEM</b>			
KIDNEY & RENAL PELVIS	13	7	6
URINARY BLADDER	27	20	7
URETER	3	3	0
<b>ENDOCRINE SYSTEM</b>			
THYROID GLAND	6	1	5
<b>LYMPHOMA</b>			
NON-HODGKIN	13	6	7
HODGKIN	2	1	1
<b>MYELOMA</b>			
MULTIPLE MYELOMA	2	2	0
<b>LEUKEMIA</b>			
LEUKEMIA	2	1	1
<b>MESOTHELIOMA</b>			
MESOTHELIOMA	1	0	0
<b>UNKNOWN PRIMARY</b>			
UNKNOWN PRIMARY SITE	19	17	2
<b>TOTAL</b>	<b>541</b>	<b>210</b>	<b>331</b>

## Five Most Common Cancers Treated at LCMH



\*ANALYTIC CASES ONLY BASED ON 2016 DATA

# It Takes a Team

## Comprehensive Cancer Care Available at LCMH

At the Cancer Center at Little Company of Mary, a full spectrum of oncology services are available under one roof. The Cancer Center is accredited by the American College of Surgeons' Commission on Cancer, demonstrating that it meets rigorous standards for providing the highest quality of cancer care.

### Putting Patients First

Experts at The Center take a multidisciplinary team approach to treating patients.

“Medical oncologists, surgeons, radiation oncologist and other specialists work together to determine the most effective treatment plan for patients,” says Jayanthi Ramadurai, M.D.

The Cancer Center is equipped to treat all types of tumors and blood disorders with advanced technology and targeted treatment approaches. In addition, The Center now offers patients the opportunity to participate in clinical trials in collaboration with the National Cancer Institute.

“These trials give patients access to promising new treatment options that they may not have otherwise been able to receive,” says Susan Arnold, MHA, BSN, RN, Director of Patient Care Services at LCMH.

### Supportive Care

The Cancer Center also offers a wide range of supportive services, including acupuncture, yoga, healing touch, Reiki and guided imagery, as well as support groups and survivorship programs, all to help patients maintain their quality of life.

“One of the biggest advantages of coming to Little Company of Mary Hospital,” says Dr. Ramadurai, “is that you receive excellent oncology services in a smaller, community hospital setting, so you always feel at home.”



# Our Cancer Services

## Participating in Clinical Studies

Patients at Little Company of Mary who would benefit from clinical trials have access to promising new medications and the latest therapies usually available only in a university-based hospital through the Hospital's affiliation with the Medical Oncology Group of the University of Chicago Hospitals and SWOG.

## Radiation Oncology

Little Company of Mary offers a broad spectrum of treatment options for the management of benign and malignant tumors via radiation therapy. The Hospital has the latest in linear accelerator technology, a Varian TrueBeam, for radiation therapy—all housed in The Cancer Center.

As a result of advanced technology, physicians are able to prescribe a treatment to deliver higher localized doses of radiation, while preserving healthy tissue. This results in fewer side effects for the patient and improved patient outcomes.

## Little Company of Mary offers:

- **CT simulation**—capable of producing real-time digitally reconstructed radiographs
- **External beam radiation therapy**—two linear accelerators that produce high-energy X-rays
- **Radioactive seed implants for prostate cancer**—radioactive isotopes are implanted directly into the tumor in the prostate gland
- **Radiopharmaceutical injection for metastatic bone disease**—an intravenous therapy delivered through infusion
- **Iodine therapy for thyroid cancer**—a capsule taken orally and absorbed by the thyroid tissue

- **IMRT**—an advanced form of radiation that provides three dimensional conformal images customized to tumor and organ structures, resulting in less side effects and toxicities and more radiation directly to intended site

- **IGRT**— Method of radiation therapy which allows imaging of a tumor and ability to adjust daily radiation beam to normal organ movement and tumor shrinkage

- **Stereotactic Radiosurgery** - Radiation procedure which produces focused high intensity beams to precisely treat small tumors like a surgeons knife

- **MammoSite**—an interstitial radiation therapy that provides brachytherapy to women with breast cancer. This allows a five day course of treatment versus six weeks and minimizes side effects and toxicities of external beam radiation

## Surgery

Little Company of Mary's board-certified surgeons provide patients with the most effective and least invasive surgical procedures. LCM's thoracic surgeons perform minimally invasive procedures using video-assisted technology to remove lung tumors. The technology enhances the physician's ability to remove, diagnose, stage and treat patients with cancer. Minimally invasive techniques can also facilitate a quicker and less painful recovery from surgery.

# Our Cancer Services

## Interventional Radiology/Oncology

Little Company of Mary employs three board-certified interventional radiologists, who work with a highly trained staff to offer a full spectrum of minimally invasive oncological procedures with a goal of reducing pain, side effects and recovery time. Working with a multidisciplinary team approach, the interventional radiology staff provides care for cancer patients with cutting edge interventions that can be diagnostic, supportive, and therapeutic.

Essentially all the Advanced image guided procedures within the field of interventional oncology are offered at LCM. These include but are not limited to radioembolization/chemoembolization of liver tumors and cryoablation/radiofrequency ablation of solid tumors of the kidney, lung, bone, and liver.

The department also offers the full variety of diagnostic and supportive interventions such as biopsies, port catheters, pleurex Cather placement, paracentesis/thoracentesis, palliative stenting, venous access, and ivc filter placement /removal all utilizing these minimally invasive techniques.

Advanced ultrasound and CT uoroscopy equipment are used for minimally invasive procedures, including targeted chemoembolization of tumors and localized tumor for destruction of kidney, liver, lung and bone tumors using cryoablation and radiofrequency ablation.

## MRI Capabilities

Little Company of Mary has an advanced 1.5T MRI System. The system delivers unmatched image quality, faster imaging times and offers non-contrast MRI for safe and accurate diagnosis.

Our advanced system is so quiet, there is no ear protection necessary for maximum patient comfort. Our system offers sophisticated breast imaging capabilities and guidance for breast biopsies.

## Medical Oncology

Board-certified hematologists/oncologists from Little Company of Mary and the Medical Oncology Group of the University of Chicago Hospitals collaborate to provide patients with the best possible care. The Hospital's Cancer Committee meets quarterly to lead and direct The Cancer Center programs. In addition, physicians and other cancer care professionals from all cancer disciplines meet weekly to confidentially review patients' cases and make recommendations for follow-up and treatment. Our Medical Oncology Infusion Center is located on the second floor of The Cancer Center and includes three private chemotherapy bedrooms and eight sunlit chemotherapy treatment bays staffed by certified oncology nurses. Patients have access to two Nurse Navigators who provide personalized assistance along their continuum of care.

## Little Company of Mary Medical Oncology offers:

- University of Chicago Medical Oncologist consultations
- Chemotherapy administration
- A procedure room for bone marrow biopsies and lumbar punctures
- Blood product administration
- Fluid & electrolyte replacement
- Phlebotomy
- Growth factor administration

# Our Cancer Services

## Cancer Registry

The Cancer Registry captures a complete summary of patient history, diagnosis, treatment and status for every cancer patient diagnosed and/or treated at The Cancer Center. Data is submitted monthly to the Illinois State Cancer Registry Database. The registry also maintains life-time follow-up on all eligible patients. The information collected is used for internal and external studies of survival and disease status, population and studies and outcomes analyses. These studies help experts develop and evaluate treatment protocols as well as monitor quality patient care.

## Integrative Therapy Services

Little Company of Mary recognizes the importance of holistic health in the healing process. The Integrative Therapy Department offers a full array of free education, support and instructional programs for cancer patients and their families. Picnic in the Park, which offers weekly educational programs, Art Therapy, Restorative Yoga and Mindfulness Based Stress Reduction, Hypnosis, Easy Yoga, Healing Touch, Look Good Feel Better, Guided Imagery, Meditation, Acupuncture, Nutritional Counseling, and MiniSpa, are all designed to support cancer patients. Integrative Therapy Services are provided at no charge to Cancer patients.

## Ellyn Rose Cronin Community Patient Resource Center

Our Community Patient Resource Center is a full lending library open to the community. Pamphlets, books, brochures and Internet access are available in this spacious area. The facility is nationally recognized by the American Cancer Society as a Patient Resource Center.

Educational materials are available from the American Cancer Society, National Institutes for Health and many other organizations.

## Genetic Counseling & Testing

It is estimated that everyone carries at least 50 significant genetic alterations. As the role of genes in cancer becomes more apparent, the importance of having the services of a genetic counselor specially trained in the heredity of cancer is a growing concern. Genetic counseling allows the opportunity to improve patient care and outcomes, identify patients at risk to help save lives and provide a comprehensive approach to patient care.

Little Company of Mary provides this vital service through a referral process.

## Inpatient Care

For patients who are admitted to the Hospital, Little Company of Mary offers a full spectrum of health care services with highly skilled physicians and staff. Nurses are specially trained in oncology to handle the complex needs of cancer patients, including palliative and hospice care.

## Ancillary Support Services

Ancillary support services available to patients and families include:

- Home Care
- Home health equipment
- Hospice
- Palliative Care
- Nutrition services
- Pain and symptom management
- Pastoral care
- Physical therapy
- Case management
- Speech therapy
- Wound care
- Lymphedema Therapy

# 2017 Quality Improvements

## Standard 4.8

### Could missed Chemotherapy appointments be avoided?

Plan: It was recognized that on some days a large number of scheduled patients were canceled. This led to the questions, “Why?” and “Is there something we should be doing differently to meet these patient’s needs?”

Do: Review the patient’s medical record to determine the reasons patient’s appointments are canceled.

Study: Methodology- Each quarter of 2017 the number of cancellations was tallied and reasons for the cancellations were documented.

Our findings were:

- 262 were canceled prior to their appointment by their physician because of their physical inability (such as i.e. low white counts) to receive treatment at that time.
- 39 were no shows; these were patients who decided not to take their treatment that day and did not call to cancel.
- 17 patients had Insurance issues that needed to be resolved
- 11 had transportation issues on the day of treatment.

Act: Action plan-

- The nurse navigators are working with the patients utilizing ACS, PACE and Uber to address their transportation needs.
- The Infusion nurses will provide education to the patients based on the research that demonstrates that patients who maintain their treatment plan have improved survival, better tumor response and cure rates.
- Unit Coordinator established checkpoints prior to scheduling patients to decrease the barriers related to insurance authorization.
- The schedules will be concurrently monitored to address cancellation problems as they arise.

### Patients receiving Immuno-oncology drugs are having TSH levels drawn on a consistent basis.

Plan: During clinical trials (Checkmate -238 and Keynote – 010) for Immuno-Oncology drugs such as Opdivo and Keytruda, it was identified that these drugs have an effect on thyroid function and should have levels drawn at appropriate intervals. The nursing staff recognized that the TSH levels being drawn on the patients be receiving Immuno-oncology drugs were not consistently being done.

The recommendations from the Pharmaceutical companies stated monitor thyroid function prior to and periodically during treatment.

Do: A review was completed of 12 patient charts who received immune-oncology drugs with TSH levels ordered. It was reported at the 5/24/2017 committee meeting that the number of draws were inconsistent this led the committee to recommend that TSH levels be add to all order sets that contained immune-oncology drug and be drawn every three treatments.

Study: On 8/9/2017 the quality committee reported that patients receiving immune-oncology drugs were consistently having the TSH levels drawn every 3 treatments

Act: The cancer committee recommended that this practice be continued at this meeting.

# 2017 Community Outreach Programs

## Standard 1.8

PROGRAMS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
CELEBRATE		103									0	0	103
CHEER	21	15	19	19	18	19	10	23	12	24	25	20	225
Courage to Quit Smoking Cessation											4	0	4
GIRL'S NIGHT OUT									106		0	0	106
HEALTH ACADEMY	39	31	62	26	23	31	52	44	27	24	37	30	426
HOP	41		31	62	65	47	17	56	16		37	24	396
HYPNOSIS/SMOKING	16											0	16
HYPNOSIS WEIGHT							16			10		0	26
Massage 1/2 hr	12	5	12	5	7	5	2				2	8	58
massage 1 hr	13	13	5	17	24	18	2				3	6	101
MASSAGE 15 MIN.		2	6		1						0	1	10
Reflexology							5	1	2		6	4	
TAI CHI 10AM	16	12	12	16			16	14	34	15	8	8	151
TAI CHI 1115 AM										19	11	11	
WAB			14							15	0	0	29
WIB											0	54	54
Renaissance			90	100							0		
SPECIAL PROGRAMS	20	52	50	479	375	373	45		109	132	199	204	2038
													0
SUBTOTAL	178	233	301	705	495	474	165	138	306	239	332	370	3846
<b>SCREENINGS</b>													
Adult Health Fair				103									103
Take-Home Colorectal Kits				103									103
Healthy Heart LCM	11	17	11	19	10	18	14	9	18		12	18	157
Healthy Heart OLE	4	2	1	2	13	3	5	1	5		5	1	42
Healthy Heart PDC	8	3	9	8	7	12	4	8	14		5	3	81
Lung Cancer Screening			8		13		7		18		11	2	59
MEN'S EVENT								84			0	0	84
PERSONAL HEALTH DAY			29								0	0	29
PROSTATE SCREENING	1							84	1		1		87
SKIN CANCER SCREENING	12		8	9	7	19			12	11	8	8	94
Thyroid LCM	4	4	9	6	1	4	3	2	1		8	0	42
Thyroid OLE	1	1	3			4					0	3	12
Thyroid PDC	2	2	3		2		3	3			1	1	17
Vitamin D LCM	9	4	10	14	7	8	6	6	3		7	10	67
Vitamin D OLE	5	2	1	6	4	3	3	3			3	4	33
Vitamin D PDC	6		8	7	3	2		9	4		2	1	42
WAKE UP CALL	16	20	20	19	19	18	18	19	13	19	20	16	217
SUBTOTAL	79	55	120	296	86	91	393	504	701	30	83	67	2505
TOTAL	257	288	421	1001	581	565	558	642	1007	269	415	437	6351

Date: 03/13 & 05/02  
 Presenter: Dr. Michael Hurtuk  
 Number of Participants: 67

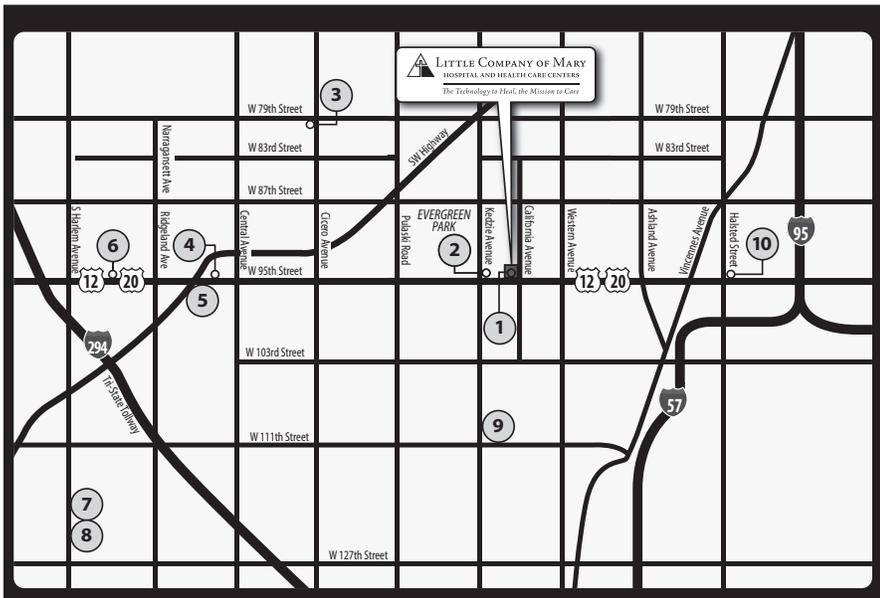
Screening Program: Men's Event: Prostate Cancer Screening  
 Month: 5-Aug  
 Participants: 84

#### HIGHLIGHTS FROM 1ST QUARTER

- 1.) 103 Colorectal Cancer Take Home Screenings were given
- 2.) Dr. Hurtuk gave 2 community awareness/prevention programs

#### HIGHLIGHTS FROM 3RD QUARTER

- 1.) 25 Lung Cancer Screenings
- 2.) 84 Prostate Cancer Screenings PSA/DRE Included PSA and DRE
- 3.) 84 Colorectal Cancer Take Home Screenings were given



**1. Little Company of Mary Hospital**  
 2800 West 95th St.,  
 Evergreen Park, IL  
 60805  
 708.422.6200

**2. Mary Potter Physicians Pavilion**  
 2850 West 95th St.,  
 Evergreen Park, IL  
 60805  
*Physician Offices,  
 Lab, EKG, X-ray,  
 Bone Density, Speech  
 Therapy, Pharmacy*

**3. Burbank Medical Center**  
 4901 West 79th St.,  
 Burbank, IL 60459  
 708.422.0300  
*Physician Offices, Lab,  
 EKG*

**4. Oak Lawn Care Station (East)**  
 5660 West 95th St.,  
 Oak Lawn, IL 60453  
 708.499.2273  
*Immediate Care,  
 Lab, EKG, X-ray,  
 Occupational Medicine  
 and Physician Offices*

**5. LCMH Home Based Services**  
 9800 Southwest Highway,  
 Oak Lawn, IL 60453  
 708.229.4663  
*Home Health Care,  
 Hospice and Mobile  
 Medical Care*

**6. Outpatient Care Center – Care Station (West)**  
 6700 West 95th St.,  
 Oak Lawn, IL 60453  
 708.974.7600  
*Immediate Care,  
 Lab, EKG, X-ray,  
 Mammography,  
 Ultrasound, CT, MRI,  
 PET/CT, Echo,  
 Physician Offices,  
 Pharmacy*

**7. Diagnostic Center**  
 12432 S. Harlem Ave.,  
 Palos Heights, IL  
 60463  
 708.361.8003  
*Lab, EKG, X-ray,  
 Ultrasound, Echo,  
 Treadmill, Holter  
 Monitor*

**8. Palos Medical Center**  
 12450 S. Harlem Ave.,  
 Palos Heights, IL  
 60463  
 708.448.1207  
*Physician Offices*

**9. LCM Medical Group – Mt. Greenwood Medical Center**  
 10961 S. Kedzie Ave.,  
 Chicago, IL 60655  
 773.239.9100  
*Physician Office*

**10. Halsted Medical Center**  
 736 West 95th St.,  
 Chicago, IL 60620  
 773.487.9500  
*Lab, EKG, X-ray,  
 Physician Offices*

## How to Make an Appointment

If you have any questions about The Cancer Center, would like cancer information or a tour of the facility, please call 708.229.6001. If you would like to find a cancer specialist on staff at Little Company, please call Physician Match® at 708.423.3070.

## About Little Company of Mary

The health care facilities are owned and operated by the Sisters of the Little Company of Mary. Since 1930, Little Company of Mary has been a community-based hospital providing advanced medical technologies in a friendly, compassionate environment.

In solidarity with the Sisters of the Little Company of Mary, we are entrusted to serve the community through our ministry of Catholic health care. We are the empowered laity—the Greater Company of Mary. Rooted in a deep heritage of prayerful support of the sick and dying, we strive to enhance the sacredness of life and human dignity. We strive to live our core values: professionalism, compassion, quality and responsibility.

## Location and Parking

Little Company of Mary has ample free parking for visitors, convenient to the hospital. We have three lots to the east, two lots to the north and one lot west of the hospital. We also have complimentary valet parking available for cancer patients.