



## 2018 Quality and Outcomes Report

### TABLE OF CONTENTS

#### **Quality Review**

- Quality Accreditations
- Quality Comparison Measures
- Quality Improvements

#### **2018 Community Outreach Activities and Outcomes**

- Clinical Education Activity
- Prevention Programs and Outcomes
- Screening Programs and Outcomes



## Quality Review

### *Quality Accreditations*



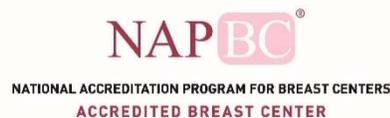
### **Commission on Cancer (CoC)**

The American College of Surgeons Commission on Cancer is the accrediting body for cancer programs in the U.S. Accreditation is a voluntary process and measures a cancer program in comparison with like institutions across the country.

The CoC cites these five components as essential elements of accredited cancer programs:

1. The clinical services provide state-of-the-art pretreatment evaluation, staging, treatment and clinical follow-up for cancer patients seen at the facility for primary, secondary, tertiary or end-of-life care.
2. The cancer committee leads the program through setting goals, monitoring activity, evaluating patient outcomes and improving care.
3. The cancer conferences provide a forum for patient consultation and contribute to physician education.
4. The quality improvement program is the mechanism for evaluating and improving patient outcomes.
5. The cancer registry and database is the basis for monitoring the quality of care.

The Aultman Cancer Program has been accredited by the CoC continuously since 1986. We were awarded the Outstanding Achievement Award for our last two surveys in 2014 and 2017. This prestigious award is given to centers who meet all the standards at the time of survey. This award placed us in the top 11 percent of centers in the country surveyed 2017.



### **National Accreditation Program for Breast Centers (NAPBC)**

The NAPBC is a part of the American College of Surgeons and is focused on breast health, evidence-based standards and patient and professional education. We have been NAPBC-accredited since 2011 and met all of the accreditation standards during our 2014 and 2017 surveys.

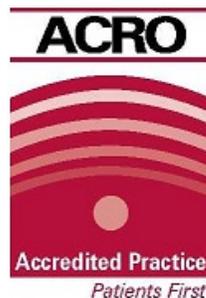


## **American College of Radiology (ACR) Breast Imaging Center of Excellence**

The Breast Imaging Center of Excellence (BICOE) designation is awarded to breast imaging centers that achieve excellence by seeking and earning accreditation in all of the ACR's voluntary breast-imaging accreditation programs and modules, in addition to the mandatory Mammography Accreditation Program. A facility is eligible to receive the ACR Breast Imaging Center of Excellence designation if it is fully accredited by the ACR in the following modalities:

- Mammography
- Stereotactic breast biopsy
- Breast ultrasound
- Ultrasound-guided breast biopsy
- Breast MRI

Aultman has been accredited as a BICOE since 2009, the first year we were eligible.



## **American College of Radiation Oncology (ACRO)**

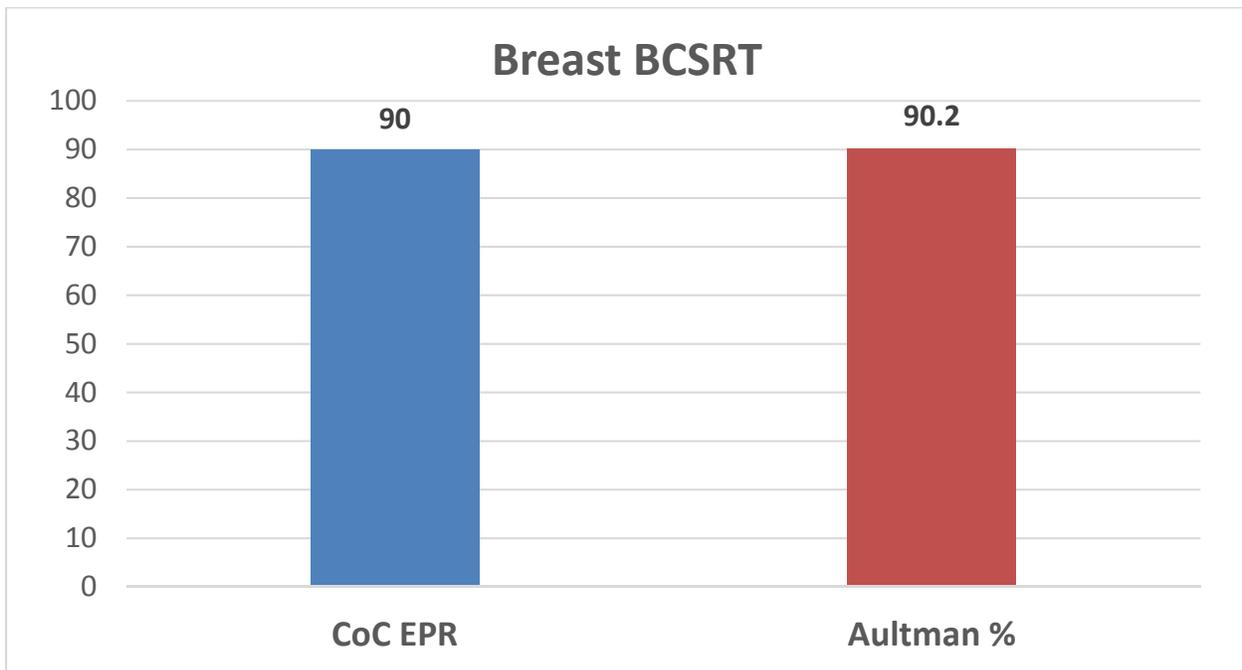
ACRO accreditation is designed to evaluate and accredit those practices that strive to meet the requirements needed to deliver safe and effective radiotherapy to their patients. The standards committee recognizes that the safe and effective use of ionizing radiation requires specific, highly specialized training, skills and techniques, as well as properly calibrated, maintained and functioning equipment. ACRO accreditation is a voluntary process in which professional peers identify quality standards for practice and conduct an audit of the facility to assure that these standards are followed. In 2015, the Aultman Radiation Therapy Department underwent the ACRO accreditation process and received a three-year accreditation, validating our adherence to high-quality standards of practice for our patients receiving radiation therapy.

## ***Quality Measures*** **Cancer Program Practice Profile Reports**

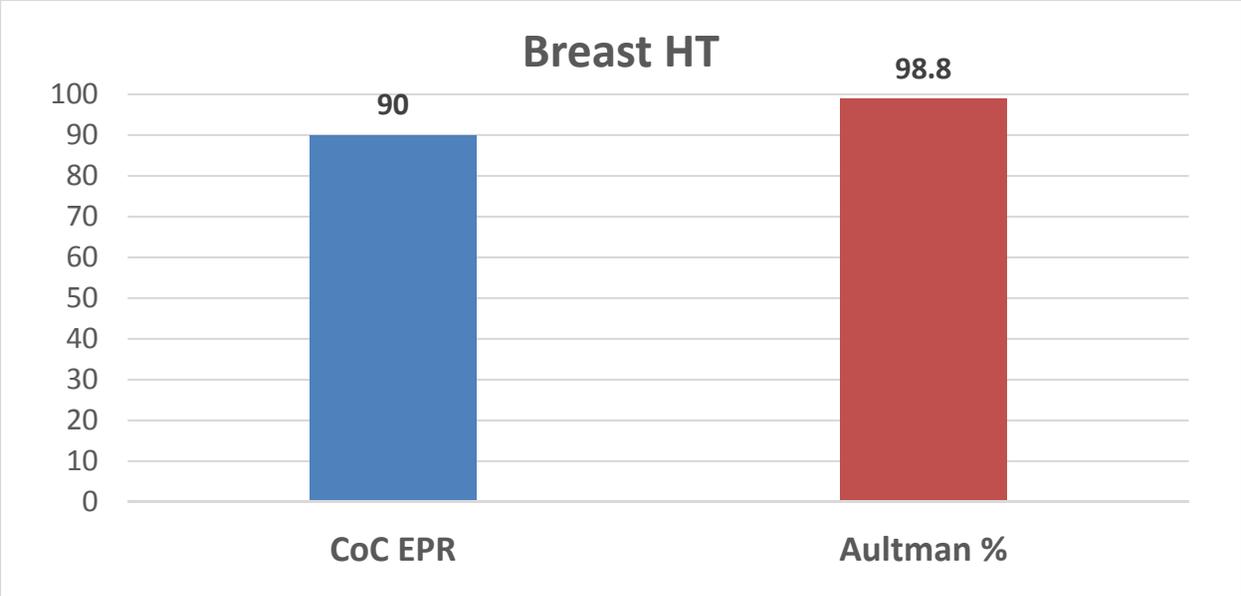
Cancer Program Practice Profile Reports (CP3R) are published by the American College of Surgeons and consist of accountability and quality improvement measures. Accountability measures have a high level of evidence that support the measure, including multiple randomized controlled trials. Quality improvement measures are used for internal monitoring of performance and have supporting evidence from experimental trials, not randomized controlled trials.

The CP3R evaluates Aultman against the national expected performance rate of quality set by the CoC using data measures from cancer centers throughout the nation. Measures are added and EPRs are updated at least annually to reflect current practice standards. The Aultman Cancer Program has met or exceeded all of the national comparison CP3R measures since publication of the reports began five years ago. The graphs below represent some of the most current year of the CoC EPRs compared to Aultman's actual performance rate for the standard.

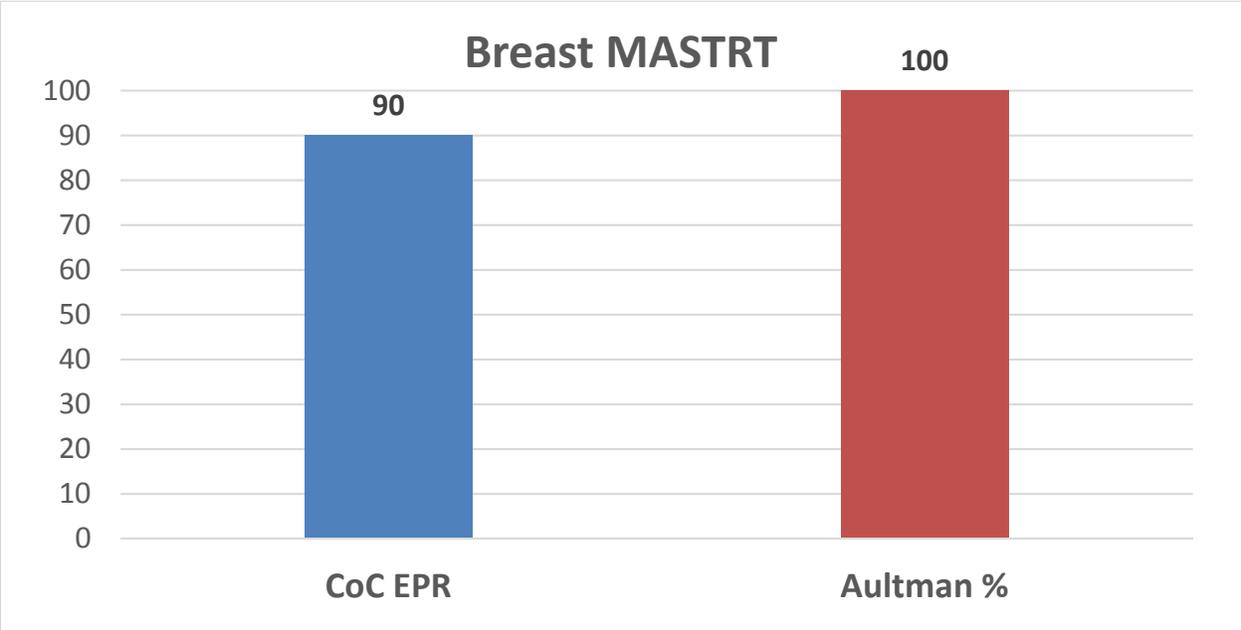
### **Commission on Cancer CP3R Measures Comparison for 2016** ***Accountability Measures***



**BCSRT:** Radiation is administered within one year (365 days) of diagnosis for women under the age of 70 receiving breast conservation surgery for breast cancer.

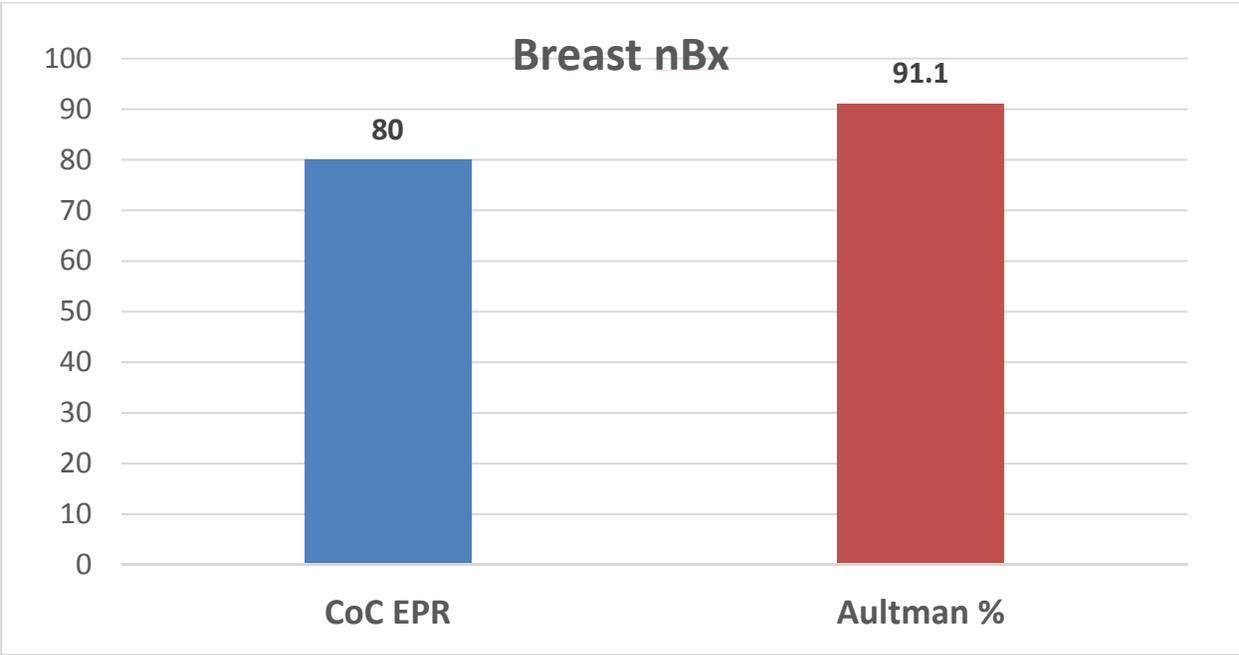


**HT:** Tamoxifen or third generation aromatase inhibitor is recommended or administered within one year (365 days) of diagnosis for women with AJCC T1c or stage IB-III hormone receptor positive breast cancer.

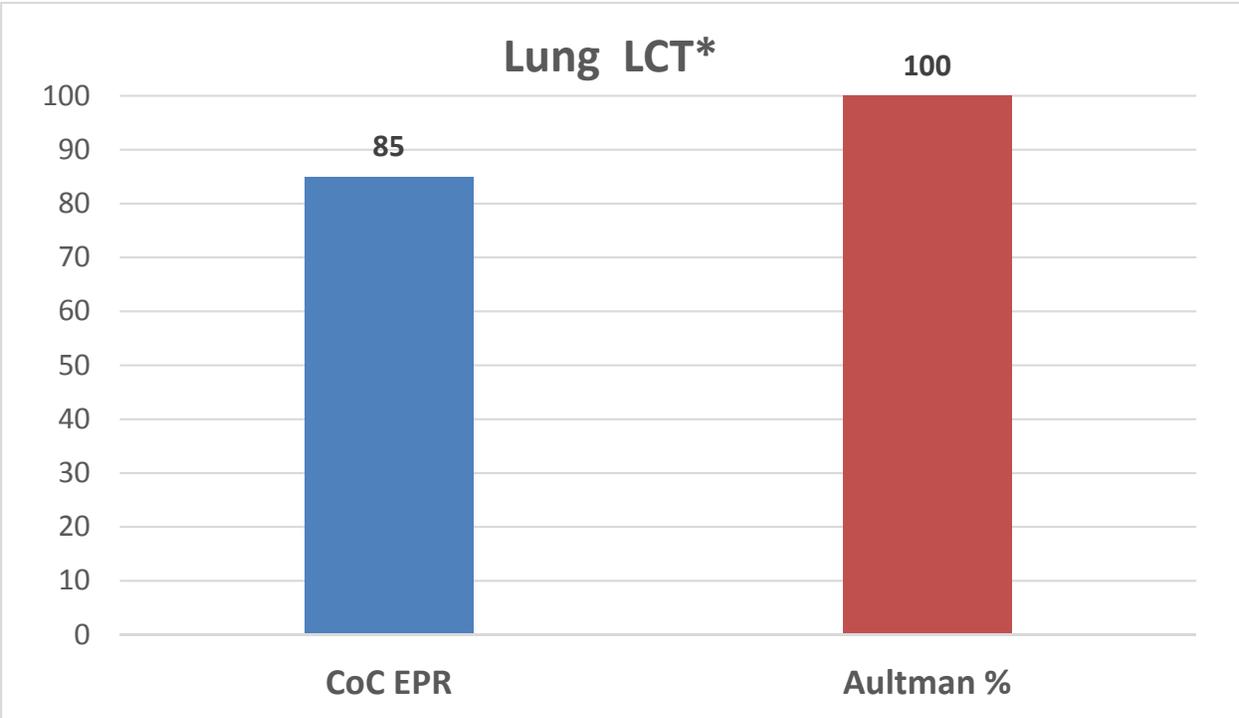


**MASTRT:** Radiation therapy is recommended or administered following any mastectomy within one year (365 days) of diagnosis of breast cancer for women with  $\geq 4$  positive regional lymph nodes.

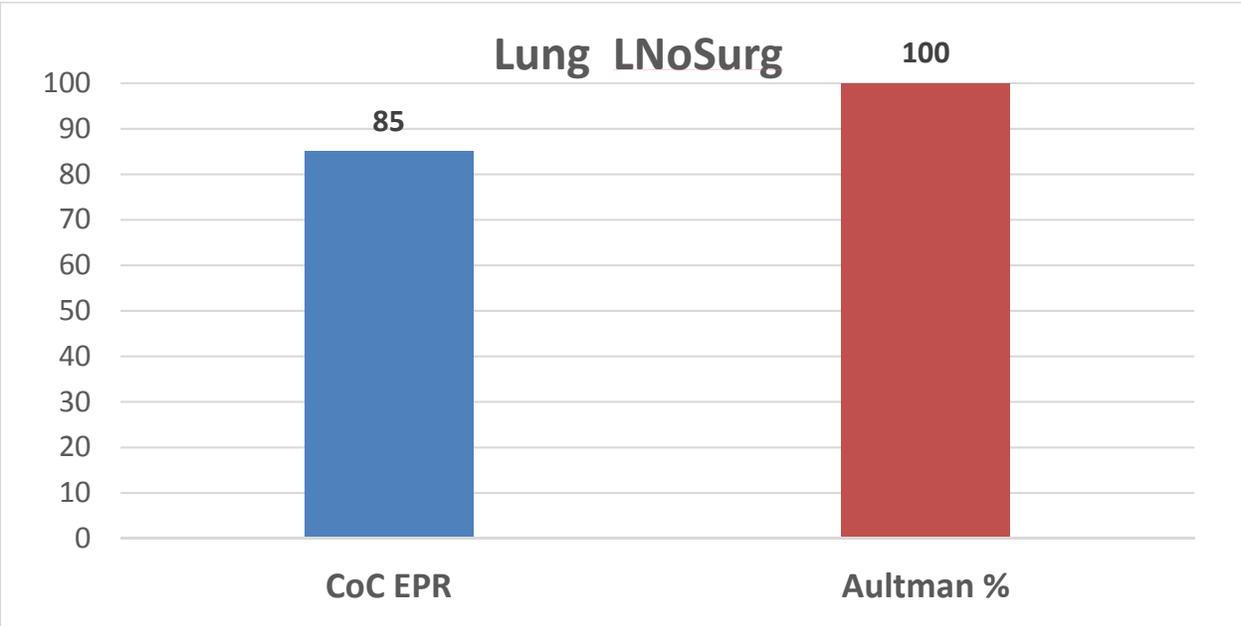
**Commission on Cancer CP3R Measures Comparison for 2016**  
*Quality Improvement Measures*



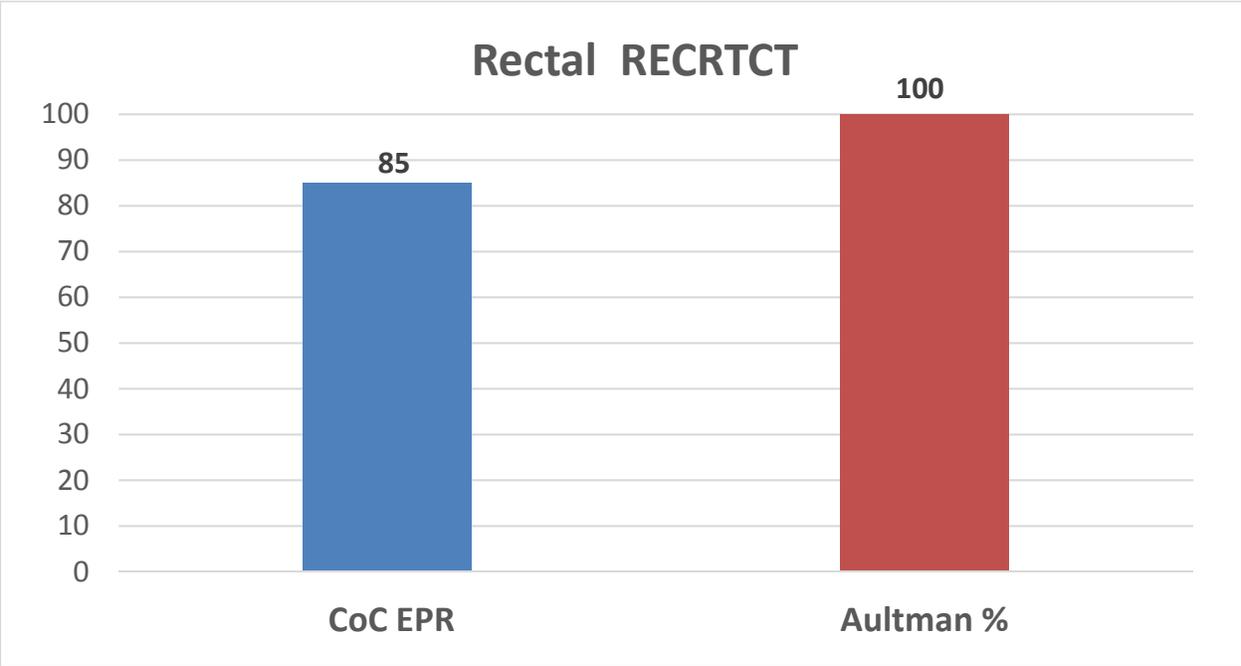
**nBx:** Image or palpation-guided needle biopsy to the primary site is performed to establish diagnosis of breast cancer.



**LCT:** Systemic chemotherapy is administered within four months to day preoperatively or day of surgery to six months postoperatively, or it is recommended for surgically resected cases with pathologic lymph node-positive (pN1) and (pN2) NSCLC.



**LNoSurg:** Surgery is not the first course of treatment for cN2, M0 lung cases.



**RECRTC:** Preoperative chemo and radiation are administered for clinical AJCC T3N0, T4N0 or Stage III; or postoperative chemo and radiation are administered within 180 days of diagnosis for clinical AJCC T1-2N0 with pathologic AJCC T3N0, T4N0 or Stage III; or treatment is recommended for patients under the age of 80 receiving resection for rectal cancer.

## ***Cancer Program Quality Improvements***

**Listed Below are our Cancer Program Quality Improvements Achieved in 2018:**

- Implemented a virtual consult service for patients with liver metastasis and primary liver cancer. \*
- Implemented a “one phone call” service for primary care and specialist physicians to facilitate specialty referral for their cancer patients. \*
- Published a genomic guideline grid for physician use.
- Implemented a new ultrasound for prostate brachytherapy.

\*study driven

*Additional Program Improvements*

**Breast Care Center Improvements**

- Added mammography and US exam appointments to meet increased need.
- Added ultrasound biopsy appointments to meet increased need.
- Added second reading service for outside mammography and ultrasound imaging.
- Continued participation in the TMIST and MRI clinical trials.
- Published a patient education pamphlet on atypical breast lesions and follow up care. \*

**GYN Oncology**

- Revised our patient navigation processes for GYN oncology.
- Developed and implemented chemotherapy order sets for GYN oncology.

**Radiation Oncology**

- Updated our patient education resources.
- Restructured nursing roles and increased staffing.

## **2018 Community Outreach Activities and Outcomes**

### ***Aultman Cancer Center Clinical Education Activity Outcomes***

*Each year, we bring in speakers to educate our medical and ancillary health staff on new developments in the diagnosis and treatment of cancers. The dates, topics, speakers and participants of our formal education activities this year are listed below:*

<b>A total of 297 health professionals attended these six educational events.</b>				
<b>Date</b>	<b>Title</b>	<b>Speakers</b>	<b>Audience</b>	<b>Attendees</b>
2/27	<i>Breast Cancer Staging - AJCC Eight Edition Update</i>	Shruti Trehan, M.D. Aultman Medical Group Hematology & Oncology	MD, RN, ASRT, CMD	69

3/5	<i>Hepatobiliary Malignancies</i>	Federico Aucejo, M.D. Charles Martin, M.D. Bassam Estfan, M.D. Neil Woody, M.D. Gareth Morris-Stiff, M.D. Cleveland Clinic Foundation	MD, RN	20
4/6	<i>April Oncology Grand Rounds: Metastatic Prostate Cancer</i>	Robert Dreicer, M.D., MS, MACP, FASCO University of Virginia School of Medicine	MD, RN, NP, PA	28
8/22	<i>Neuroendocrine Tumors (NET)</i>	Eric Liu, M.D., FACS Rocky Mountain Cancer Centers	MD, RN, NP, PA	31
9/15	<i>18th Annual Cancer Symposium</i>	George Daneker, Jr., M.D. Marcos de Lima, M.D. Monica Webb Hooper, PhD Terry Mamounas, M.D. Kimberly Resnick, M.D. Neil Woody, M.D.	MD, RN, NP, PA, CMD	113
12/7	<i>New Developments in the Treatment of Brain Malignancy</i>	Andrew Sloan, M.D. UH Cleveland Medical Center & Seidman Cancer Center	MD, RN, NP, PA	36

### ***Cancer Prevention Activities and Outcomes***

<b>A total of 1876 participants were educated in prevention.</b>			
<b>Name of Activity:</b>	<b>Type of Cancer</b>	<b>Participants</b>	<b>Effectiveness of Activity</b> (value, lessons learned, recommendations for improvements)
Middle School Cancer Prevention Education	General cancer risk factors. Skin, lung, head & neck, cervical	98	Improvement in post education scores: Sun Safety 91 percent; Tobacco Risks 88 percent; Healthy Eating 32 percent; and Exercise 87 percent. Teacher surveys reported they would like to see the program offered more than once a year and to include more impactful videos.
First Friday	Skin	500	Well attended. 400 sunscreen samples distributed. Provided sun safety pamphlets and handouts.

HOF Day with Dad	Skin	1000	Well attended. Plan to continue in the future and provide more giveaways. 400 sunscreen samples distributed. Provided sun safety pamphlets and handouts.
National Night Out	Skin	150	Well attended. Plan to continue in the future and provide more giveaways. Distributed 50 sunscreen samples. Provided sun safety pamphlets and handouts.
Great American Smokeout	lung	35	Changed event location to Westfield Mall. Low attendance, will consider different advertising for event and location.
Middle School Cancer Prevention Education	General cancer risk factors. Skin, lung, head & neck, cervical	30	Improvement in post education scores: Sun Safety 7 percent; Tobacco Risks 27 percent; Healthy Eating 29 percent; & Exercise 66 percent. Teacher surveys reported they would like to see the program offered more than once a year and to include more impactful videos.
Smoking Cessation	Lung	63	55 percent success at quitting rate for those attending smoking cessation. 12 participants were counseled at Aultman Screening event.

### ***Cancer Screening Activities and Outcomes***

<b>A total of 174 participants received free cancer screening.</b>			
<b>Name of Activity:</b>	<b>Participants</b>	<b>Outcomes/Follow-up process for participants w/positive findings (Screening only)</b>	<b>Effectiveness of Activity (value, lessons learned, recommendations for improvements)</b>
Aultman Cancer Screening Day	78	42 FIT cards provided, 21 returned. one positive identified and reported to patient and PCP	Well attended, continue to explore ways to advertise event and reach high risk uninsured population. Evaluate ways to increase FIT card return rate.
Project Homeless Connect	33	Nine mammograms, no positive findings identified	Overall work flow improved from 2017. Well attended at the event. 24 mammograms scheduled, nine returned for f/u. Consider ways to

			incentivize participants to have f/u mammogram as recommended.
Aultman Breast Screening Event	26	26 mammograms, three abnormal findings identified. One cancer detected.	Participants expressed positive feedback about the event. Continue to find opportunity to assist uninsured individuals with screening opportunities
Aultman/PHC Breast Screening Event	17	14 mammograms, three abnormal findings, one cancer detected.	Participants expressed positive feedback about the event. Continue to find opportunities to assist uninsured individuals with screening.
Carrollton Screening Event	20	Three abnormal testing detected. Navigators facilitated recommended follow up and continue to monitor. 10 FIT cards provided, four returned. One positive identified and reported to patient and PCP	Held in Carroll County to provide access to screening opportunities in this service area. First time to offer low-dose CT at this event, one patient received screening. Consider additional ways to increase FIT card returns. Continue to find ways to promote and advertise the event and services available.
Low Dose CT Lung Cancer Screening Program YTD Nov, 2018	698	98 abnormal LDCT screenings identified YTD. Follow up facilitated by navigation and through the PENLUNG system. 10 malignancies diagnosed (eight lung cancers) pathologically through Nov. 4 Stage I, 2, Stage III and 4 Stage 4.	Continue to raise awareness of screening recommendations for high-risk individuals in the community and primary care providers to improve early detection. Offer free screenings through screening events.

**Additional Community Outreach Educational Events 2018**  
**A total of 919 participants attended these multiple events**

<b>Name of Activity:</b>	<b>Description</b>	<b>Participants</b>	<b>Effectiveness of Activity</b> (value, lessons learned, recommendations for improvements)
Canton Charge	Screening and prevention.	50	Not well attended, consider a different date or determine theme for the evening for future activities
Colorectal Cancer Awareness	Increase awareness about screening recommendations and benefits of early detection and screening compliance.	137	Well attended. Plan to continue in the future and investigate further opportunities to partner with endoscopy.
Canton Senior Expo	General cancer screening information.	100	Well attended and should continue in the future.
Relay for Life	Community event providing general cancer awareness and education on screening recommendations.	100	New location this year. Well attended and should continue in the future.
Survivorship Day event	Survivorship celebration event held at the Hair Shoppe and Spa. Participants offered one free service.	67	Well attended and should continue in the future.
Aultman Retiree Luncheon	Community event providing general cancer awareness and education on screening recommendations.	100	Well attended and should continue in the future.
Kishman's IGA	Skin cancer screening and prevention.	25	Well attended and should continue in the future.
Canton Farmer's Market	General screening information.	35	Well attended and should continue in the future.
Gervasi Cruise-In	General screening and prevention.	50	Well attended and should continue in the future.

			Consider only doing August event.
Progress for the Cure	Breast cancer screening and prevention.	200	Well attended and should continue in the future.
Making Strides Walk	Community event providing breast cancer awareness and education on screening recommendations.	50	Well attended and should continue in the future.
Belden Village	Breast cancer awareness.	5	First time attending this event. Not well attended, consider other future options.

***Quality Cancer Care Close to Home***

We believe that every cancer patient should be able to receive up-to-date quality care in their own community. This drives our commitment for excellence, quality, value and service. Please visit our website at [www.aultman.org](http://www.aultman.org) for more information about our cancer program and other Aultman Centers of Excellence.