



oregon  
surgical  
Wellness

Value Report 2020



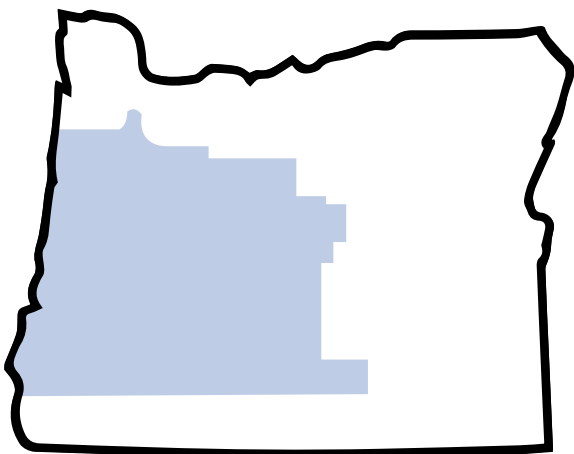


**An innovative specialty clinic lead by surgeons who passionately believe in wellness and quality outcomes in surgical care.**

Drs. Winnie Henderson and Christine Kollmorgen have a combined 30 years of surgical care experience, specializing in breast surgical oncology, hernia & complex abdominal wall reconstruction, endocrine surgery, and general surgery in Oregon. They have always set their sights on providing best in class care in addition to being passionately involved in meaningful quality outcome data reporting. Oregon Surgical Wellness provides a haven for achieving the best surgical quality outcomes while caring for the whole patient. In addition to our skillful and compassionate surgeons, OSW has a team of highly trained data collection specialists who have registered over 2500 breast cancer patients on The American Society of Breast Surgeons, Mastery of Breast Surgery Registry, 775 endocrine surgery patients on The Collaborative Endocrine Surgery Quality Improvement Program, over 350 hernia patients measured on the Abdominal Core Health Quality Collaborative, and approximately 4000 patients on the American College of Surgeons, Surgeon Specific Registry.

These registries are invaluable to us, as they help us understand our trends in care. We take the time to record and look at our data because it makes us better, leading to better patient outcomes. Better patient outcomes translate into healthier people. Healthier people lead to a healthier community. Oregon Surgical Wellness is dedicated to going the extra mile to ensure our patients get the best care, and our data tracking solidifies that.

Coverage in Oregon



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# Breast Cancer Surgery Program



As experienced Breast Surgical Oncologists, we coordinate your care team, optimizing the chance of a cure and relieving the stress of self navigation. Our unique, unprecedented care team includes on site certified naturopathic doctors (FABNO) from Pacific Integrative Oncology. Together, we craft integrative wellness plans to ensure you stay healthy before, during, and after treatment.

Our breast surgeons are committed to documenting our surgical outcomes with the Mastery of Breast Surgery Program, as part of our quality assessment. Our data shows best-in-class outcomes across all measurable and clinically significant data points. The following outcomes (right) are based on more than 2,500 patients.

As a part of The American Society of Breast Surgeons, the Mastery of Breast Surgery Program is the largest breast surgical registry in the country and was developed to document patient outcomes through a voluntary reporting system. Our breast cancer patient surveys provide valuable information regarding their pain management and patient satisfaction of their cancer treatment journey. We use these surveys to encourage communication and transparency between us and our patients, as well as to hold ourselves accountable for our patient outcomes. This allows us to see what we do well, and define areas that need improvement.

Breast Surgical Outcomes	OSW	National Average
Breast Conservation rate (Goal >50%)	55.7%	39.2%
Re-excision rate (Patient required another surgery)	10.7%	18.6%
Genetic testing offered	100%	95%
Reconstruction discussed/ offered	100%	90%
Wound infection rate	<2%	<2%
Surveillance plan documented (Post-Op)	100%	87.5%
First treatment within 30 days of diagnosis	54%	48%

# Hernia & Complex Abdominal Wall Reconstruction Program



Hernias can be a source of stress, discomfort, and significant lifestyle compromise. It's important to optimize your care by promoting high-quality surgical outcomes. Our specialists provide best practices, decision support, and care pathways through data collection, analysis, and collaborative learning while inviting ongoing performance feedback through participation in the ACHQC.

The mission of the ACHQC is to maximize the quality and value of health care for patients who suffer from hernia disease and diseases of the abdominal wall or abdominal core. The ACHQC fulfills its mission through robust data collection and rigorous analyses to identify areas where abdominal core health may be enhanced and directly impact the quality of patient care. The ACHQC provides care for 69,830 enrolled patients with 439 participating surgeons. We provide prehabilitation before surgery, customized repair techniques, and post-operative rehabilitation strategies to reduce recurrence rates and improve recovery.

Comparing our data to the ACHQC database allows us to see what makes our patients unique, and gives us the opportunity to best cater towards them. It also is a method for us to hold ourselves accountable and transparently share our data with patients, insurance providers, and other doctors alike. The following data is based on over 350 patient outcomes.

Hernia Program Outcomes	OSW	National Registry
Surgical Site Infections	3%	4%
Re-Admission Rate	2%	5%
BMI > 40	20%	10%
Diabetic	22%	17%
Recurrent Hernia	32%	28%
Smoker	10%	8%

# Endocrine Surgery Program



Community collaboration for surgical endocrine disease promotes the best results. We engage in shared decision-making with our patients and utilize the latest technology for diagnosis and treatment. We have a programmatic mindset that gets the patient back in the driver's seat of their body. We use minimally invasive surgical techniques to provide a positive experience and the best possible outcomes.

The Collaborative Endocrine Surgery Quality Improvement Program (CESQIP) aims to improve the value of care delivered to patients. Formed in 2012 CESQIP utilizes concepts of continuous quality improvement to improve outcomes and optimize costs. This is accomplished through patient-centered data collection, ongoing performance feedback to clinicians, and improvement based on analysis of collected data and collaborative learning. The following data comprises outcomes for 275 patients having surgery done at Day Surgery at River Bend, our primary outpatient surgical center. All procedures were performed by Dr. Christine Kollmorgen, the physician champion of the CESQIP program at our center.

Cost analysis: Data below represents an average charge of 10 random cases picked in each category. Fees include facility/lab and anesthesia charges; they do not include surgeon fees or pathology fees. Dr. Kollmorgen's careful selection of patients for the outpatient setting has a cost savings of 1.7 million dollars over 6 years or about \$280,000 of healthcare cost savings per year.

Endocrine Surgical Outcomes	OSW	National Registry
BMI over 40	15%	10%
Age over 65	40%	30%
Extended Length of Stay (>2 Days)	<1%	3.16%
30 Day Mortality	.3%	.1%
Surgical time > 3 Hours	0%	9.8%
Readmission Rate Main OR	1%	NA
Permanent Vocal Cord Injury	.3%	NA
Concern for Persistent Hyperparathyroidism	3%	2%

Parathyroidectomy/Thyroidectomy Outpatient Surgery Center

\$5,670

Parathyroidectomy/Thyroidectomy Hospital Outpatient

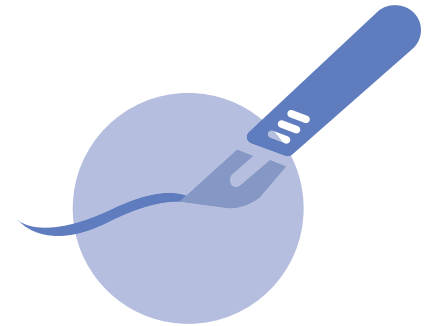
\$18,780

Parathyroidectomy/Thyroidectomy Hospital Inpatient

Range \$22,450 - \$122,000



# General Surgery Program



Combining 35 years of experience, our surgical specialists have performed over 14,000 procedures. If you're seeking a mindful approach coupled with skillful hands, you've come to the right place. Board Certified in general surgery; we're rigorously trained to provide high-quality surgical care. We treat gallbladder disease, reflux conditions, surgical diseases of the colon, and a host of other general surgical ailments.

Our surgeons perform more than 1000 procedures each year. Patients benefit from our commitment to quality, comprehensive surgical wellness programs, clinical research and innovative approach to surgical care. Our general surgical quality outcome data in Surgeon Specific Registry provides real time assessment of our surgical approach to general surgical patients. Oregon Surgical Wellness surgeons have maintained best-in-class in all categories.

<b>Dr. Henderson (2019)</b>	Q1	Q2	Q3	Q4	National Average
Re-admit within first 30 days	.71%	4.38%	5.31%	0%	13.5%
Surgical Site Infection	1.42%	3.65%	.88%	0%	11.3%
Return to the OR within first 30 days	6.38%	3.65%	2.65%	0%	3.5% - 18%
<b>Dr. Kollmorgen (2019)</b>	Q1	Q2	Q3	Q4	National Average
Re-admit within first 30 days	2.35%	.71%	1.12%	1.47%	13.5%
Surgical Site Infection	2.35%	4.29%	2.25%	2.21%	11.3%
Return to the OR within first 30 days	2.35%	.71%	6.74%	2.94%	3.5% - 18%

# OSW: Then and Now



Drs. Winnie Henderson and Christine Kollmorgen have been part of Northwest Surgical Specialists, a surgical specialist group, here in Lane County for many years. Chris has been with NWSS for 23 years and Winnie has been there 11 years. The two of them have always set their sights on providing the best in medical care. As generalists, they performed all kinds of general surgery, but gradually, they sub-specialized, developing a primary focus and most remarkable talents as breast surgeons. They started thinking about the concept of sub specializing in 2011 and were featured along with Dr. Robert Schauer, a community surgical pioneer and now retired breast specialist, in a Registered Guard article titled "Action plans against cancer." They now categorize themselves as "breast surgical oncologists" while also focusing on three other sub specialty programs. Over the years they have seen their patients become more anxious, more medically complex due to unhealthy lifestyles, and more often disadvantaged due to complicated social determinants of care. After years of watching this unfold, they began a journey of finding a better way. Below, in their own words, they have defined some problems to solve:

## How can we minimize stress to our patients and promote healing while finding our interactions more rewarding?

The surgical aspect of breast oncology is often traumatic, stressful, and too rushed. It was hard to find the time, resources, or group support to help these patients through their breast cancer journey in a "minimally invasive" way. We realized soon that the only way to do this was to form a dedicated team. Over the last 4 years, we have gathered a winning and continuously growing team. We have specialized medical assistants, a nurse navigator, data collection specialists, and evidence-based integrative care specialists. Our team approach is key to patient wellness.

## How do we track our data to ensure we offer the very best reproducible care possible to our patients?

Our highly trained data collection specialists have registered over 7000 patients in various national data outcomes registries. We compare it to wearing a fit bit that tracks your physiology over time. You begin to see what works and what does not work regarding your health. The same goes for data tracking in the medical field! These registries are invaluable to us, as they help us understand our trends in care. We take the time to record and look at our data because it makes us better, leading to better patient outcomes. Oregon Surgical Wellness is dedicated to going the extra mile to ensure our patients get the best care, and our data tracking solidifies that.

*Continued...*

## How do we support the whole patient during treatment and promote the highest quality of life for them in the future?

Personal choices are a huge part of the healthcare continuum. When a patient receives a life-threatening diagnosis, such as breast cancer, they are faced with some hard choices to make on how to treat their cancer best. Oftentimes, patients don't have a lot of time to decide and are plunged into an overwhelming sea of information that may or may not even be pertinent to their situation. It is our goal to educate them on their choices, and our mission that they select not only a healthy choice but also one driven by science and sound medical data. We use a method called "patient shared decision making," and we are a chosen research site for Dartmouth-Hitchcock Center for Shared Decision Making. This tedious process is well worth it as the patient's satisfaction with their outcomes is greater when they decide based on their personal needs, not the doctor's. Most doctors stop there and leave out one of the most crucial parts; preventative care and survivorship. By the time the patient has a disease that requires surgery, the problems that promoted that disease's manifestation have been there for quite some time.

## How do we: a.) Maximize the healing potential before, during, and after treatment? b.) Help prevent them from getting a similar illness in the future?

Our excellent surgical skill can only solve a portion of the bigger problem. Rather than merely "cutting things out," how do we help our patients understand some of the things that led to the problem and offer prevention choices? Our clinic will be unique in its offering of on-site integrative medical care. We are ecstatic to announce that OSW and Pacific Integrative Oncology will be co locating and collaborating to provide evidence-based naturopathic integrative care to patients interested in surgical care and exploring their whole health. Doctors Dunn and Niesley are two of only 130 naturopathic doctors nationwide to obtain the status of "Fellows of the American Board of Naturopathic Oncology" (FABNO). To obtain their FABNO status, they worked in multiple inpatient cancer treatment hospitals and passed a rigorous naturopathic oncology board exam. They focus on diet, supplements, acupuncture, and botanical medicine. This opportunity to focus on the intersection between evidence-based medicine from all angles of care is truly unique in our community.

Oregon Surgical Wellness looks forward to adding value and wellness to those in need of their services starting in 2021.







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