



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Bellingham Regional Breast Center - Bellingham, Washington, United States of America

General Information



New breast cancer cases treated per year **168**

Breast multidisciplinary team members **15**

Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: Cary Kaufman, FACS, MD

The Bellingham Regional Breast Center was founded in 1994 based on the expertise of Breast Surgeon Dr. Cary Kaufman, past president of the National Consortium of Breast Centers and past chairman of the National Accreditation Program for Breast Centers. We were the first breast center accredited in Washington State by the National Accreditation Program for Breast Centers. We care for approximately 75% of all breast cancer patients in our region collaborating with the clinicians at the Women's Diagnostic Center and Peace Health St. Joseph Medical Center. We are a problem focused breast center, able to diagnose and treat women with any breast disorder. Each patient has access to the interdisciplinary breast cancer conference. We counsel patients regarding all aspects of breast disorders, especially malignant tumors. We create a clear path toward resolution of those problems using 3-D mammography as well as MRI. Genetic counseling and testing is offered as well as high risk evaluation. Innovative techniques including partial breast irradiation, cryoablation and intraoperative ultrasound localization are available.

Bellingham Regional Breast Center

2075 Barkley Blvd. Suite 250

98226 Bellingham, Washington,

Phone: +13606719877

Fax: +13607332882

E-mail: breastcare@aol.com

Web-site: www.bellinghambreastcenter.com

Available services

- Radiology
- Breast Surgery
- Reconstructive/Plastic Surgery
- Pathology
- Medical Oncology
- Radiotherapy

- Nuclear Medicine
- Rehabilitation
- Genetic Counselling
- Data Management
- Psycho-oncology
- Breast Nurses

- Social Workers
- Nutritional Counselling
- Survivorship Groups
- Sexual Health Counselling
- Supportive and Palliative Care
- Integrative Medicine

Radiology

- Dedicated Radiologists** 5
- Mammograms per year** 22000
- Breast radiographers**
- Screening program**
- Verification for non-palpable breast lesions on specimen**
- Axillary US/US-guided FNAB**
- Clinical Research**

Available imaging equipment

- Mammography
- Ultrasound
- Magnetic Resonance Imaging (MRI)
- Tomosynthesis, PET, Nuclear Medicine Imaging, DEXA

Available work-up imaging equipment

- Computer Tomography
- Ultrasound
- Magnetic Resonance Imaging (MRI)
- PET/CT scan

Primary technique for localizing non-palpable lesions

- Hook-wire (or needle localization)
- Charcoal marking/tattooing
- ROLL: radio-guided occult lesion localization

Available breast tissue sampling equipment

- Stereotactic Biopsy (Mammography guided)
 - Core Biopsy (Tru-cut)
- Vacuum assisted biopsy
- Ultrasound-guided biopsy
 - Fine-needle aspiration biopsy (FNAB, cytology)
 - Core Biopsy
 - Vacuum assisted biopsy
- MRI-guided biopsy
 - Core Biopsy
 - Vacuum assisted biopsy

Breast Surgery

- New operated cases per year (benign and malignant)** 208
- Dedicated Breast Surgeons** 2
- Surgeons with more than 50 surgeries per year** 2
- Breast Surgery beds** 6
- Breast Nurse specialists** 2
- Outpatient surgery**
- Intra-operative evaluation of sentinel node**
- Reconstruction performed by Breast Surgeons**
- Clinical Research**

Primary technique for staging the axilla

- Axillary lymph node dissection
- Sentinel lymph node biopsy:
 - Blue dye technique
 - Radio-tracer technique
 - Blue dye + Radio-tracer
 - Blue Dye or combined technique
- Axillary sampling

Reconstructive/Plastic Surgery

- Reconstructive/Plastic surgeons** 1
- Immediate Reconstruction available**

Type of breast reconstructive surgery available

- Remodelling after breast-conserving surgery
- Reconstruction after mastectomy:
 - Two-stage reconstruction (tissue expander followed by implant)
 - One-stage reconstruction
 - Autogenous tissue flap
 - Latissimus dorsi flap
 - Transverse rectus abdominis (TRAM)
 - Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
- Surgery on the contralateral breast for symmetry

Pathology

- Dedicated Breast Pathologists** 2

Available studies

- Cytology
- Haematoxylin & eosin section (H&E)
 - Surgical specimen
 - Sentinel node
 - Core biopsy
- Frozen section (FS)
 - Surgical specimen
 - Sentinel node
- Immunohistochemistry stain (IHC)
 - Estrogen receptors
 - Progesterone receptors
 - HER-2
 - Ki-67

Other special studies available

- Fluorescence in-situ Hybridization for HER-2 gene (FISH)
- Oncotype Dx (21-gene assay)
- MammaPrint (70-gene microarray)
- Prediction Analysis of Microarray 50-gene set (PAM 50)

Parameters included in the final pathology report

- Pathology stage (pT and pN)
- Tumour size (invasive component in mm)
- Histologic type
- Tumor grade
- ER/PR receptor status
- HER-2/neu receptor status
- Peritumoural/Lymphovascular invasion
- Margin status
- Extent of In-situ Disease, Radpath Correlation

Medical Oncology

- Dedicated Breast Medical Oncologists** 3
- Outpatient systemic therapy**
- Clinical Research**

Radiotherapy

Dedicated Radiation Oncologists

Clinical Research

Available techniques after breast-conserving surgery (including experimental)

Whole-Breast RT (WBRT)

Partial breast irradiation (PBI):

External beam PBI

Interstitial brachytherapy

Targeted brachytherapy (MammoSite, SAVI applicator, other devices)

Intra-operative RT (IORT)

Multidisciplinary Meeting (MDM) / Tumour Board (TB)

Regular MDM/TB for case management discussion

Twice a week

Weekly

Every two weeks

Other Schedule

Cases discussed at MDM/TB

Preoperative cases

Postoperative cases

Specialties/services participating in MDM/TB

Radiology

Breast Surgery

Reconstructive/Plastic Surgery

Pathology

Medical Oncology

Radiotherapy

Genetic Counselling

Breast Nurse Service

Psycho-oncology

Hospice Physician, Research Nurses

Further Services and Facilities

Nuclear Medicine

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

Rehabilitation

Prosthesis service

Physiotherapy

Lymph-oedema treatment

Genetic Counselling

Specialist Providing Genetic Counselling/Risk assessment service:

Dedicated Clinical Geneticist

Medical Oncologist

Breast Surgeon

General Surgeon

Gynaecologist

Both Medical Oncologist and Breast Surgical Oncologist

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Clinical Director

Cary Kaufman, FACS, MD	Medical Director	breastcare@aol.com	+13606719877
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Radiology

Valerie Behrmdt, FACR, MD	Breast Imaging Director		+13607330430
Lars Crabo, FACR, MD	Breast Radiologist		+1360-733-0430
Ken Carpenter, FACR, MD	Breast Radiologist		+1360-733-0430
Laura Backer, FACR, MD	Breast Radiologist		+1360-733-0430

Breast Surgery

Cary Kaufman, FACS, MD	Breast Surgeon	breastcare@aol.com	+13606719877
Barbara Bachman, FACS, MD	Breast Surgeon		+13606719877

Reconstructive Surgery

Timothy Whitney, FACS, MD	Reconstructive Surgeon		+1-360-676-0972
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Pathology

Greg Wolgamot, MD, PhD	Pathologist		+1360-734-2800
John Hoyt, MD	Pathologist		+1360-734-2800
Ryan Fortna, MD, PhD	Pathologist		+1360-734-2800

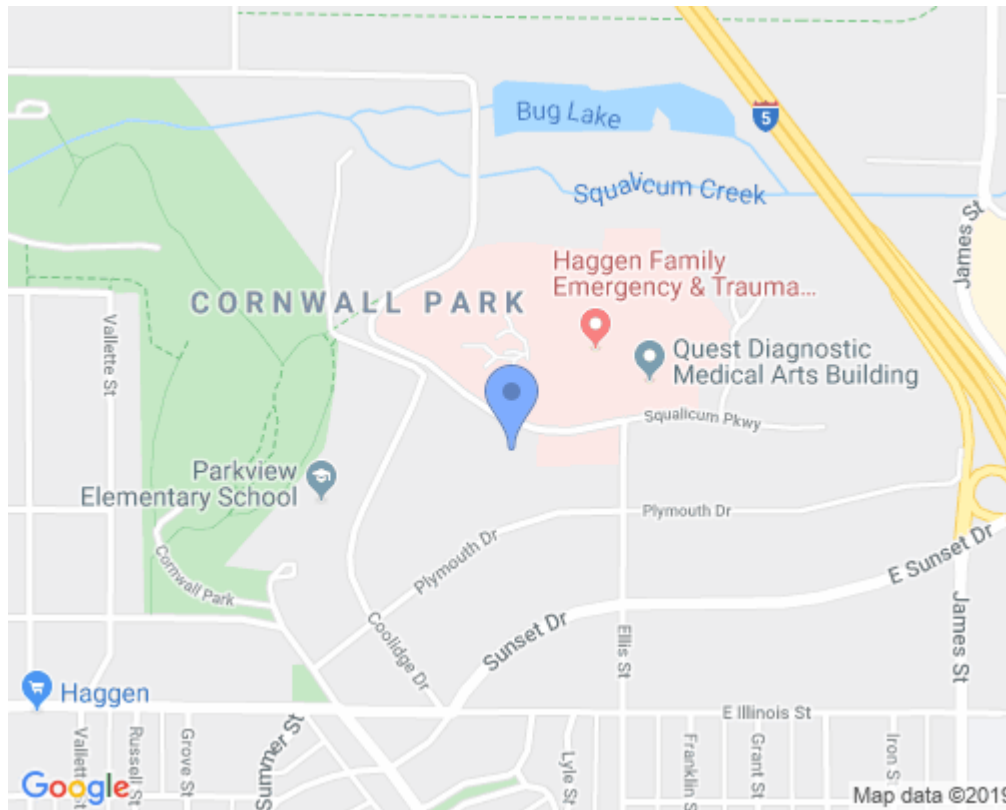
Medical Oncology

William Rubin, MD	Medical Oncologist		+1360-738-2200
Robert Raisch, MD	Medical Oncologist		+1360-738-2200

Radiotherapy

Michael Taylor, MD	Radiation Oncologist		+1360-715-4144
William Hall, MD	Radiation Oncologist		+1360-715-4144
Alexai Polishchuk, MD	Radiation Oncologist		+1360-715-4144

How to reach us



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From airport:

It is possible to take a taxi (about \$14.00 fare). Otherwise, take Interstate 5 toward Bellingham. Exit on Sunset and go west toward Ellis Street. Turn right to Squalicum Parkway and turn left to 2940, suite 101.

By car:

Take Interstate 5 toward Bellingham. Exit on Sunset and go west toward Ellis Street. Turn right to Squalicum Parkway and turn left to 2940, suite 101.

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