



# **BREAST CENTRES NETWORK**

Synergy among Breast Units

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## Breast Cancer Research Centre - WA - Perth, Australia

#### **General Information**



New breast cancer cases treated per year 500

Breast multidisciplinarity team members 20

Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and

Breast Cancer Research Centre-WA incorporating Perth Breast Cancer Institute (PBCI) is located on level 4 of the Hollywood Consulting Centre situated on Hollywood Private Hospital grounds. PBCI has on-site Medical Oncologists, Breast Surgeons, Radiation Oncologists, Reconstructive Surgeons, Breast Clinic staffed by dedicated Breast Physicians, Breast Clinical Trials Unit, Breast Care Nurses, Clinical Psychologists and Radiology. The location of all these services in one building greatly benefits patients and their loved ones by reducing travel times and the associated stress that can be caused by having to manage multiple appointments. The different treatments needed for individual patients will be personalised, and patients will be guided through their care phases. The PBCI is the realisation of many years' work and will help us continue to reshape the future of breast cancer. It is a Western Australian first and has Ramsay Health Care and Hollywood Private Hospital's backing, offering world-class treatment, care, and support to breast cancer patients and their families.

#### **Breast Cancer Research Centre - WA**

91 Monash Avenue Nedlands 6009 Perth.

Phone: +61865005500 Fax: +61865005599

E-mail: info@bcrc-wa.com.au
Web-site: www.bcrc-wa.com.au

#### 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
   ✓ Mammograms per year
   ✓ Breast radiographers
   ☐ Screening program
   ✓ Verification for
   non-palpable breast lesions
   on specimen
   ✓ Axillary US/US-guided
   FNAB
- Available imaging equipment

  Mammography
  Ultrasound
  Magnetic Resonance Imaging (MRI)

  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
Core Biopsy
Vacuum assisted biopsy

#### **Breast Surgery**

☐ Clinical Research

- ✓ New operated cases per year (benign and malignant)
   890

   ✓ Dedicated Breast Surgeons
   7

   ✓ Surgeons with more than 50 surgeries per year
   5

   ✓ Breast Surgery beds
   20

   ✓ Breast Nurse specialists
   4

   ✓ 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

  Axillary sampling

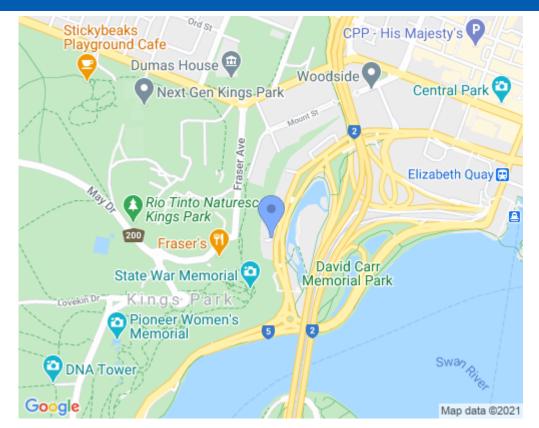
Reconstructive/Plastic surgeons 6	Type of breast reconstructive surgery available
☑ Immediate Reconstruction available	
	Remodelling after breast-conserving surgery
	<ul><li>Reconstruction after mastectomy:</li><li>Two-stage reconstruction (tissue expander followed by</li></ul>
	<ul><li>implant)</li></ul>
	One-stage reconstruction
	☑ Autogenous tissue flap
	☑ Latissimus dorsi flap
	✓ Transverse rectus abdominis (TRAM)
	Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
	lacksquare Surgery on the contralateral breast for symmetry
athology	
✓ Dedicated Breast Pathologists 2	Other special studies available
Available studies	
☑ Cytology	Fluorescence in-situ Hybridization for HER-2 gene (FISH
	Oncotype Dx (21-gene assay)
✓ Haematoxylin & eosin section (H&E) ✓ Surgical specimen	MammaPrint (70-gene microarray)
✓ Sentinel node	Prediction Analysis of Microarray 50-gene set (PAM 50)
✓ Core biopsy	Parameters included in the final pathology report
✓ Frozen section (FS)	☑ Pathology stage (pT and pN)
Surgical specimen	☑ Tumour size (invasive component in mm)
✓ Sentinel node	☑ Histologic type
✓ Immunohistochemistry stain (IHC)	☑ Tumor grade
✓ Immunonistochemistry stain (IHC) ✓ Estrogen receptors	☑ ER/PR receptor status
✓ Progesterone receptors	✓ HER-2/neu receptor status
₩ HER-2	✓ Peritumoural/Lymphovascular invasion
□ Ki-67	☑ Margin status
	Response to preoperative chemotherapy
edical Oncology	
Dedicated Breast Medical Oncologists 2	
☑ Outpatient systemic therapy	

Radiotherapy	
☑ Dedicated Radiation Oncologists	Available techniques after breast-conserving surgery
☑ Clinical Research	(including experimental)
	☑ Whole-Breast RT (WBRT)
	☑ Partial breast irradiation (PBI):
	External beam PBI
	☐ Interstitial brachytherapy
	$\square$ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	☑ Intra-operative RT (IORT)
Multidisciplinary Meeting (MDM) / Tumour Board	(ТВ)
Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
☐ Twice a week	<b>☑</b> Radiology
✓ Weekly	✓ Breast Surgery
Every two weeks	✓ Reconstructive/Plastic Surgery
Other Schedule	☑ Pathology
Cases discussed at MDM/TB	✓ Medical Oncology
	☑ Radiotherapy
✓ Preoperative cases	☑ Genetic Counselling
✓ Postoperative cases	✓ Breast Nurse Service
	Psycho-oncology
	☑ Nuclear physician, Radiographer
Further Services and Facilities	
Nuclear Medicine	Genetic Counselling
✓ Lymphoscintigraphy	Specialist Providing Genetic Counselling/Risk assessment
☑ Bone scan	service:  Dedicated Clinical Geneticist
$ lap{N}$ Positron Emission Tomography (PET)	Medical Oncologist
☑ PET/CT scan	☐ Breast Surgeon
Rehabilitation	General Surgeon
✓ Prosthesis service	Gynaecologist
✓ Physiotherapy	☑ Genetic Testing available
✓ Enysiotherapy  ✓ Lymph-oedema treatment	✓ Surveillance program for high-risk women
	Data Management
	☑ Database used for clinical information
	☑ Data manager available

### Contact details

Radiology			
lo Lazberger	Radiologist	jlazberger@perthradclinic.com.au	+61894834621
Thornton Abbott	Radiologist	thornton.abbott@perthradclinic.com.au	+61862286200
Breast Surgery			
Peter Willsher, FRCS	Breast Surgeon	admin.drpwillsher@me.com	+61894814522
Reconstructive Surgery			
Richard Martin, MBBS	Specialist Oncoplastic Breast, Endocrine and General Surgeon - MBBS, FRACS	admin@richardmartin.com.au	+6186500 557
lose Cid Fernandez, DM, FRCS, MBBS	Oncoplastic Breast Surgeon - LMS, FRCS(Eng), DM, FRCS(Gen Surg), FRACS. Board Member of Breast Cance	reception@bcrc-wa.com.au	+61865005570
Bindu Kunjuraman, FRCS, MBBS, MS	Oncoplastic Breast and General Surgeon MBBS, MS, FRCS, FRACS	- reception@bcrc-wa.com.au	+61865005570
Pathology			
Marek Havlat, FASCP, FRCPA, FRCPath, MBBS	Director of Histology and Cytopathology , Western Diagnostics Pathology	marek.havlat@wdp.com.au	
Medical Oncology			
Arlene Chan	Medical Oncologist	admin.profachan@me.com	+61894814522
Radiotherapy			
Mandy Taylor	Radiation Oncologist	Mandy.Taylor@health.wa.gov.au	+61893467400
Margaret Latham	Radiotherapist	Margaret.Latham@health.wa.gov.au	+61893815655
/vonne Zissiadis	Radiotherapist	Yvonne.Zissiadis@genesiscare.com.au	+61893815655

#### How to reach us



#### **Breast Cancer Research Centre - WA**

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6009 Perth,

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#### From airport:

By Taxi to Hollywood Consulting Centre 91 Monash Ave Nedlands 6009.

#### By bus or sub-way/underground:

The 950 bus service runs a regular service and drops passengers near the corner of Hampden Rd and Monash Avenue. From here it is a walk of approximately 600m to the Hollywood Consulting Centre.

#### By car:

Take Hollywood Hospital Entrance 5 off Monash Avenue. Keep left at the first roundabout. Turn left at the second roundabout and the Hollywood Consulting Centre car park entrance will be on your left.

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