

# **BREAST CENTRES NETWORK**

Synergy among Breast Units

# Oncology Teaching Hospital -Medical City - Baghdad, Iraq

### **General Information**



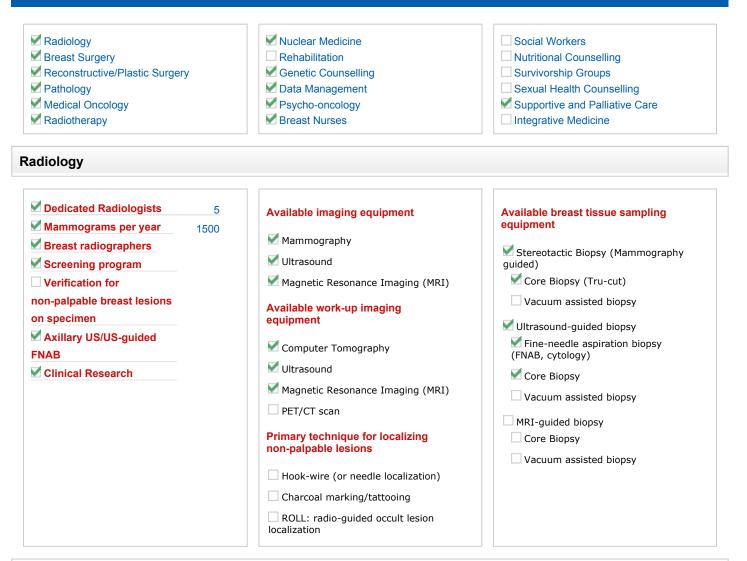
New breast cancer cases treated per year480Breast multidisciplinarity team members30Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and<br/>nurses30Clinical Director: Ageel Shakir Mahmood, MD

This Breast Clinic is the First Multidisciplinary Clinic for Breast Cancer in Iraq and it is located inside the Oncology Teaching Hospital - Medical City Complex in Baghdad which is the Oldest, Biggest, and the most Famous Medical City in Iraq. We receive referrals from local General Practitioners as well as Physicians from nearby units via the National Health Service or Private route. The team consists of breast surgeons, radiologists, pathologists, medical oncologists, radiotherapists, reconstructive plastic surgeon, geneticist, psychologist and breast nurses. They meet on weekly basis to review most of preoperative and post operative oncological cases, diagnose, and treat patients according to the international guidelines.

## **Oncology Teaching Hospital -Medical City**

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### Available services



### **Breast Surgery**

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Mew operated cases per year (benign and malign	ant) 1980
V Dedicated Breast Surgeons	10
Surgeons with more than 50 surgeries per year	3
☑ 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
- Axillary sampling

Reconstructive/Plastic Surgery		
Reconstructive/Plastic surgeons	1	Type of breast reconstructive surgery available
Immediate Reconstruction 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	8	Other special studies available
Available studies		M Fluorescence in-situ Hybridization for HER-2 gene (FISH)
🗹 Cytology		Oncotype Dx (21-gene assay)
🗹 Haematoxylin & eosin section (H&E)		MammaPrint (70-gene microarray)
Surgical specimen		$\Box$ Prediction Analysis of Microarray 50-gene set (PAM 50)
Sentinel node 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
Strogen receptors		R/PR receptor status
✓ Progesterone receptors		☑ HER-2/neu receptor status
✓ HER-2		🗹 Peritumoural/Lymphovascular invasion
✓ Ki-67		☑ Margin status

# Medical Oncology

Dedicated Breast Medical Oncologists	4
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	Specialties/services participating in MDM/TB
Twice a week	Z Radiology
🗹 Weekly	☑ Breast Surgery
Every two weeks	Reconstructive/Plastic Surgery
Other Schedule	Z Pathology
Cases discussed at MDM/TB	Medical Oncology
	🗹 Radiotherapy
Preoperative cases	M Genetic Counselling
M Postoperative cases	☑ Breast Nurse Service
	Z Psycho-oncology

### **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:

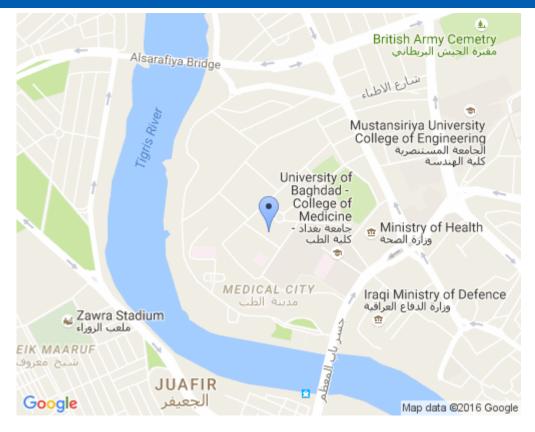
- V Dedicated Clinical Geneticist
- Medical Oncologist
- Breast Surgeon
- General Surgeon
- Gynaecologist
- Genetic Testing available
- Surveillance program for high-risk women

### **Data Management**

- ☑ Database used for clinical information
- 🗹 Data manager available

Contact details			
Clinical Director			
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### How to reach us



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Bab Al-Muaadham 00964 Baghdad, Iraq Phone: +96414141883 Fax: E-mail: <u>iraqi\_cancer\_center@yahoo.com</u> Web-site: <u>www.iraqincc.org</u> **From airport:** Baghdad International Airport. **By bus or sub-way/underground:** Baghdad Bab Al-Muaadham. **By car:** Baghdad Bab Al-Muaadham. **Last modified:** 26 July 2013