



Ziv Medical Center
Zefat, Israel

Women's Health Center

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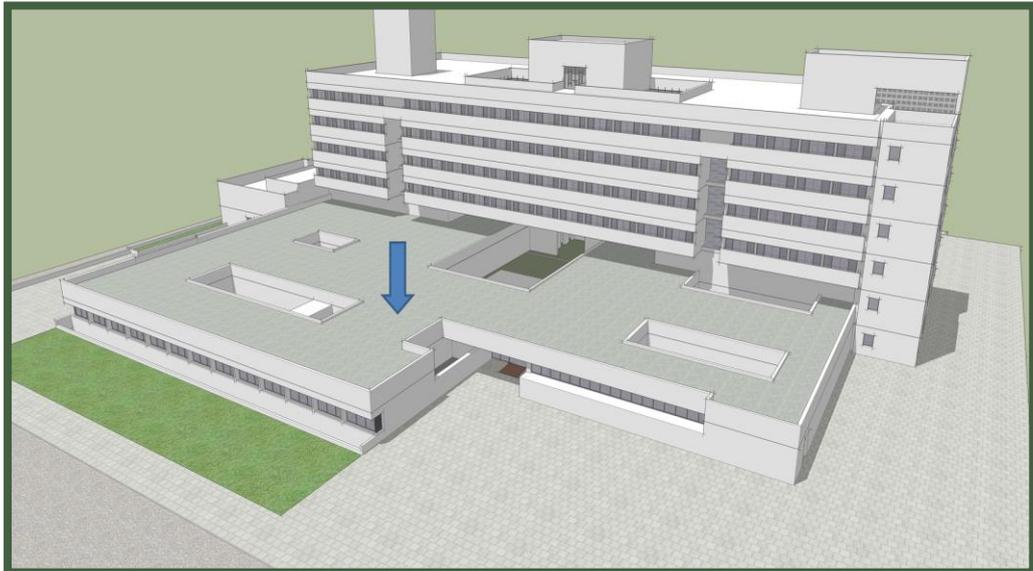


Ziv Medical Center is the northern hospital in closest proximity to the Syrian and Lebanese Borders

Catchment Area



Women's Health Center



Computer images of intended location

Ziv Medical Center

Ziv Medical Center, a general hospital in the north of Israel, serves the population of the Upper Galilee and northern Golan Heights. Patients come from towns and agricultural villages in the northern periphery and include Jews, Muslims, Christians, Druze, Circassians and Bedouin, as reflected in Ziv's multiethnic staff.

Ziv's comprehensive services include 331 in-patient beds, laboratories and imaging facilities, out-patient clinics, a regional trauma unit, child development center, an oncology center, mental health services for adults and children, a nursing school and a research center. Ziv Medical Center is affiliated with the Bar Ilan University Faculty of Medicine which opened in 2011.

Women's Health Services at Ziv

Ziv Medical Center currently has a wide range of diagnostic and treatment services for women. The Obstetrics Ward (50 beds) and the Labour Unit (7 beds) have an average of 10 deliveries each day. Tertiary care of high risk pregnancy and fetal and maternal diseases is provided by Ziv's team. Care of women needing surgical and medical gynecological services are provided in a 12 bed Gynecology ward.

The Gynecology ward is responsible for a variety of advanced endoscopic and minimally invasive surgeries in the fields of general Gynecology, Gyn-oncology, Uro-gynecology, diverse procedures for severe endometriosis, fibroids etc.. The Gynecological operating room is equipped with advanced endoscopic technology including 3D tools and 4K resolution.

While a very significant proportion of Ziv's in-patient resources are devoted to the care of women, the ambulatory services for women are scattered in different parts of the hospital, and the lack of space has prevented the introduction of new technologies and support services. The dispersion of the services also reduces opportunities for discussion and collaboration between the various disciplines dealing with women's health.

There are biological differences between the sexes in rates of susceptibility, symptoms and response to treatment in many major areas of health, including heart disease and some cancers. There are also a wide range of personal, social, economic and environmental factors like physical activity levels, low paid work and bringing up a family that can affect the health of men and women differently. Modern health centers all over the world have introduced a comprehensive gender approach, which provides a broad range of modern health care dedicated to women's health promotion, diagnosis and treatment, in an environment assuring privacy.

Ziv's multi-ethnic and multi-religious population includes women who face barriers in seeking care: they traditionally have less knowledge about the wide range of preventive health services available to them and many residents of the Galilee and Golan Heights face barriers of long travel time and cost. In addition there are cultural barriers: many of the women come from cultures which are not accustomed to talking about intimate female problems and needs.

Breast Health Care

Breast cancer is the most prevalent form of cancer diagnosed amongst women. Ziv's catchment area, the northern Galilee and Golan Heights, has a large lower socio-economic population, requiring a far greater investment in raising awareness to the importance of preventative breast health care, regular screening check-ups and diagnostic examinations for early detection of breast cancer.

Breast health services include detection, diagnosis and consultation services with mammography, ultrasound, stereotactic and tomosynthesis biopsy systems, as well as risk assessment and genetic testing. Services for breast cancer range from imaging and biopsy for early detection and follow-up to breast surgery.

At Ziv, approximately 4,000 mammography examinations, 2,200 ultrasound examinations and 340 ultrasound guided breast biopsies are performed annually. Currently, these examinations are conducted in Ziv's general X-ray Institute.

Oncology services at Ziv Medical Center are now limited to chemotherapy but the opening of the Radiotherapy Unit expected by mid-2016 will enable women requiring radiotherapy to receive all the oncology services required without having to travel long distances.

Proposal

Ziv aims to provide comprehensive services for women by constructing a 1,020 sq.m. Women's Health Center, above the existing out-patient wing of the main hospital building. This will enable the upgrading of its current services for women, concentration in one appropriate environment, as well as the introduction of new services which to-date are not available in the region. The Women's Health Center will offer services to teenagers, through reproductive age, menopause and ageing.

Research and training activities in women's health will be expanded in accordance with current academic development at Ziv.

The construction of the Women's Health Center will enable:

Obstetrics/Gynecology

- **Gynecology** out-patient services
- **Obstetrics** out-patient services
- **Ultra-sound Unit Infertility and In-Vitro Fertilization Services** with state of the art technologies in ultra modern surroundings, providing the full range of assisted reproductive technologies services. A laboratory with an embryologist will be established to offer fertility preservation in cancer patients, ovarian tissue preservation and pregestational diagnosis. The andrology laboratory will provide complete sperm analysis and prepare sperm specimens for intra-uterine insemination.
- **Gyn-Oncology Services**
- **Gyn-Urology Service**

Breast Health

- **Breast health unit** including detection, diagnosis and consultation services

Specialty Clinics and Shared Services

- **Orthopedic and endocrine** consultation, diagnosis and treatment
- **Specialty Consultancy Clinics** for heart disease in women
- **Mental Health First Stop** for women with domestic violence and sexual abuse problems
- **Fitness and Weight control** consultation for women of all ages
- **Supervised playroom** for small children accompanying mothers.

Funding Request

The space and funding requirements of the proposed new Ziv Women's Health Center are shown below:

Space Allocation

1. Obstetrics and Gynecology Services	Square Meters
Consulting/examination rooms, procedure, treatment and recovery rooms, ultrasound rooms, fertility and infertility clinic with laboratory, doctors' and nurses' offices, patient and staff change and restrooms, waiting areas, storage, kitchenette	560
2. Breast Care	
Consulting/examination rooms, mammography rooms, tomosynthesis and ultrasound rooms, procedure and recovery rooms, doctors' and nurses' offices, patient and staff change and restrooms, waiting areas, storage. kitchenette	320
3. Shared services	
Reception desks, coordinators' offices, conference room, playroom, main waiting area, restrooms, storage	140
Total	1020

The estimated costs of construction

In accordance with the government requirement for reinforced construction of new health facilities, the estimated construction cost is NIS 12,000 or US\$ 3,400 per square meter. The total estimated cost of the project is shown below:

Item		Cost in \$US
Construction	1020 sq.m. at \$3,400/sq.m.	3,468,000

Planning and Project Management	12%	416,160
Contingency	10%	346,800
Permits and Taxes	4%	173,400
Total construction costs		4,404,360
VAT	17%	748,740
Total Construction costs		5,153,100
Equipment		500,000
Total Project Cost		5,653,100

Ziv Medical Center is seeking assistance to raise US\$ 5,653,100.

Time-Frame

Following the commitment of funds, the planning and construction of the Womens' Health Center can begin immediately. Construction time is estimated to be two years.

Donations

Naming opportunities are available for the Women's Health Center and its specific components. Appropriate acknowledgment of all donations will be made in coordination with the donors' wishes.

For further information and donations please contact:

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