UCLA Outpatient Surgery and Oncology Center
Santa Monica, California

**SQ FT**
58,651 BGSF
Clinic Building
73,736 BGSF
Parking Garage

**ARCHITECT(S)**
Michael W. Folonis
Architects (MWFA)

**OWNER/AFFILIATION**
UCLA Medical Center
Health System

**COMPLETION DATE**
2011

The design concept asserts that a more natural and less clinical environment promotes healing in patients. Primary design considerations include the creation of a distinctive and articulated massing, the maximal inclusion of natural day lighting and ventilation throughout the building, and a strong indoor-outdoor connection. The project achieves LEED Gold Certification for New Construction and is the first Outpatient Surgery and Oncology Center in the nation to achieve this rating.


About | Design Intentions

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Image Sources: http://www.folonisarchitects.com/ucla-1/


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**SITE PLAN**

**WAITING AREA**

**INTERIOR VIEW**

**MAIN ENTRANCE - NIGHT VIEW**

**INTERIOR FINISH**

**NORTH**

**INTERIOR FINISH**

**INTERIOR VIEW**

**INTERIOR VIEW**

**PERSEPECTIVE VIEW**

**FRONT FACADE**
Daylighting
Central light-filled lobby with full height mullion-less glass as 3-story indoor/outdoor connection.
Key Public and Patient areas with perimeter windows and/or skylights.

Views to Nature
Shaded and unshaded exterior Garden Patios provide choice of outdoor Respite area
Interior Planting are brought deep into the building bringing views to Nature inside as well

Use of Warm Colors
Warm-toned wood used throughout the building
Warm accent colors and warm off-white add to warm date-lighting and variation in color as the day progresses

Natural Materials
Use concrete, steel and glass against the backdrop of warmer wood textures and plantings
Blurring the indoor/outdoor relationships with landscaping and hardscaping inside and out

All design elements—from planning to materials—were guided by the concept that a more natural and less clinical environment promotes healing in patients.

TRAVEL DISTANCE ANALYSIS:
+ From entrance to registration: 86 ft
+ From registration to medical waiting: 151 ft
+ From medical waiting to exam room: 4 ft to 68 ft
+ From registration to radiation waiting: 108 ft
+ From radiation waiting to LINAC/other: 100 ft
+ From registration to pre-op: 211 ft

CONCLUSION | FLOOR PLAN | ANALYSIS

ENR

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AMBULATORY OUTPATIENT CANCER CENTER  | CASE STUDY ANALYSIS

AMBULATORY OUTPATIENT CANCER CENTER | CASE STUDY ANALYSIS

STRATEGIES

CREATE a more Natural and less Clinical Environment to promote Healing

FLOOR PLAN | ANALYSIS

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"CREATE a more Natural and less Clinical Environment to promote Healing"
**UCLA Outpatient Surgery and Oncology Center**  
Santa Monica, California

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**DEPARTMENT PLAN KEY:**
- Parking
- Vehicle Drop Off
- Mechanical + Electrical
- Circulation, Shafts, Stairs
- Elevator Lobby

**GROUNDL: LEVEL:*

- **Linear Accelerator Vaults (496 sf - 560 sf)**
- **Reception (204 sf - 650 sf)**
- **Physician Offices (120 sf - 137 sf)**
- **Supply Rooms (General) (60 sf - 75 sf)**
- **CT Simulator (448 sf)**
- **Locker Rooms (365 SF - 370 sf)**
- **Central Sterile Disinfecting (346 sf)**
- **Parking Spaces (8205 sf)**
- **Motorcycle Parking (87 sf)**
- **Accessible Vehicle Drop Offs (1831 sf)**
- **Elevators (131 SF - 150 sf)**
- **Mechanical (General) (295 - 395 sf)**
- **Pedestrian Walkways (1200 sf)**
- **Circulation Space (4297 sf)**

**DEPARTMENTAL GROSS SQUARE FOOT TAKE-OFFS:**

- **DGSF**
  - Parking: 17000 SF
  - Mechanical + Electrical: 532 SF
  - Lobby (Elevator): 1046 SF
  - Shafts + Vertical Circulation: 963 SF

**DEPARTMENTAL GROSS SQUARE FOOT TAKE-OFFS:**

- **Level One:**
  - **Radiation Therapy**
  - **Lab**
  - **Admissions & Support**
  - **Central Sterile & Surgery Support**
  - **Central Supply**
  - **Pharmacy & Support Space**
  - **Supply Rooms (General)**
  - **CT Simulator**
  - **Locker Rooms**
  - **Central Sterile Disinfecting**

**DEPARTMENTAL GROSS SQUARE FOOT TAKE-OFFS:**

- **Level One:**
  - **Surgery Support**
  - **Lab**
  - **Central Supply**
  - **Central Sterile & Surgery Support**
  - **Radiation Therapy [w/ Vaults]**
  - **Admin/Support**
  - **Shafts/Vertical Circulation**
  - **Mechanical**
  - **Lobby/Waiting/Other**

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**Note:** Departmental Square footages take-off based on ‘Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014

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**UCLA Outpatient Surgery and Oncology Center**  
Santa Monica, California  

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**DEPARTMENT PLAN KEY:**
- Radiation Therapy
- LAB
- Admissions & Support
- Central Sterile & Surgery Support
- Central Supply
- Pharmacy & Support Space
- Circulation, Shafts, Stairs
- Mechanical + Electrical

**KEY SPACES:**
- **Linear Accelerator Vaults (496 sf - 560 sf)**
- **Reception (204 sf - 650 sf)**
- **Physician Offices (120 sf - 137 sf)**
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**AMBULATORY OUTPATIENT CANCER CENTER**  
**CASE STUDY ANALYSIS**
UCLA Outpatient Surgery and Oncology Center
Santa Monica, California

DEPARTMENTAL PLAN KEY:
- Pre-Op / Post-Op
- Surgery
- OR Care + Team Support
- Support Space
- Circulation, Shafts, Stairs
- Mechanical + Electrical

KEY SPACES:
- Surgery OR (402SF - 410 sf)
- Physician Workrooms (275 sf - 295 sf)
- Prop/Recovery Bays (77 sf - 79 sf)
- Offices (88 sf - 110 sf)
- Nurse Stations (95 sf - 131 sf)

DEPARTMENTAL GROSS SQUARE FOOT TAKE-OFFS
- Pre-Op/Post-Op: 4440 SF
- Surgery: 1962 SF
- OR Care + Team Support: 3047 SF
- Shafts + Vertical Circulation: 1301 SF
- Mechanical: 285 SF

LEVEL TWO DGSF TOTAL: 17,358 SF

LEVEL THREE:

DEPARTMENTAL PLAN KEY:
- Clinic A
- Clinic B
- Clinic C
- Support Space
- Circulation, Shafts, Stairs
- Mechanical + Electrical

KEY CLINICAL SPACES:
- Patient Exam Rooms (90 sf - 110 sf)
- Provider Offices (90 sf - 120 sf)
- Nurse Stations (112 sf - 125 sf)
- Records (178 sf - 200 sf)
- Reception (254 sf)

DEPARTMENTAL GROSS SQUARE FOOT TAKE-OFFS
- Clinic A: 4125 SF
- Clinic B: 3420 SF
- Clinic C: 3010 SF
- Support Space: 732 SF
- Shafts + Vertical Circulation: 1105 SF
- Mechanical: 165 SF

LEVEL THREE DGSF TOTAL: 15,987 SF

Note: "Departmental Square footages take-off based on ‘Analysis of Departmental Area in Contemporary Hospitals calculation methodologies & Design Factors Report, 2014"
The UCLA Outpatient Surgery and Medical Building in Santa Monica is a hybrid academic and community outpatient surgery, oncology treatment, and medical office facility. The design concept asserts that a more-natural and less-institutional environment promotes healing in patients, and a productive, collaborative approach to behavior in doctors, staff, and students. The architects' understanding of conditions that create an ideal healthcare environment was substantiated through feedback from user groups, which formulated the design approach.

Taking advantage of climate and site conditions while employing a California Modernist vocabulary—the building features—a maximum inclusion of natural daylight and ventilation and an enhanced indoor-outdoor connection. The design concept is inspired by the belief that Modernism, with its adherence to passive solar design, is the ideal means to realize contemporary standards of sustainability in healthcare design. The building's design achieves an aesthetic ideal, while delivering a patient-focused healing environment, the utility required by the owner, and the requirements to meet Gold LEED certification.

The UCLA Outpatient Surgery and Medical Building expresses an elegant, balanced sensibility and distinguishes itself from other healthcare projects by its thoughtful Modernist design. The features and materials used to bring diffuse sunlight and natural ventilation into the building, and to blur the indoor-outdoor connection for visitors and staff were selected for their natural, light-filled environment with a strong indoor-outdoor connection. Every opportunity to bring sunlight deep into the building core is explored. The central lobby is enclosed with a full-height, multistory glass stair, allowing light to flood the central core area of the building. Both second and third floor exterior glass elevations incorporate the artistic expression of layered systems, savings, light shelves, shading fins and fritted glass across the building facade. The elevators systematically facilitate and moderate the allowance of natural light into the core of the building, diffusing harsh direct sunlight and providing privacy to the many areas of the building where it is required. The roofline is layered with photovoltaic panels and articulated by the shade awnings and height variances of the lobby and building wings.

To promote patient healing and staff productivity, the design is infused with features to accomplish a natural, light-filled environment with a strong indoor-outdoor connection. Every opportunity to bring sunlight deep into the building core is explored. The central lobby is enclosed with a full-height, multistory glass stair, allowing light to flood the central core area of the building. Both second and third floor exterior glass elevations incorporate the artistic expression of layered systems, savings, light shelves, shading fins and fritted glass across the building facade. The elevators systematically facilitate and moderate the allowance of natural light into the core of the building, diffusing harsh direct sunlight and providing privacy to the many areas of the building where it is required. The roofline is layered with photovoltaic panels and articulated by the shade awnings and height variances of the lobby and building wings. These panels provide approximately 100,000 watts of solar array capacity to supply approximately 25 percent of the building's electricity.