

# Micki Ko, M.D.

Los Angeles Cancer Institute  
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Good Samaritan Hospital  
637 S. Lucas Ave.  
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Citrus Valley Medical Center  
210 W. San Bernardino Road  
Covina, CA 91723  
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## EDUCATION

<b>University of California, Irvine Medical Center</b> <i>Residency in Radiation Oncology</i>	Orange, CA July 2002 – June 2006
<b>St. Francis Hospital of University of Illinois, College of Medicine</b> <i>Internship: Transitional Year</i>	Evanston, IL June 2001 – June 2002
<b>Rush Medical College</b> <i>M.D.</i>	Chicago, IL Sept 1997 – June 2001
<b>University of Michigan, Honors College</b> <i>B.S. in Biological Anthropology: Magna Cum Laude</i> <i>Honors Thesis: The Epidemiology of Breast Cancer</i>	Ann Arbor, MI Sept 1993 – June 1997

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## RADIATION ONCOLOGY TRAINING

<b>City of Hope National Medical Center</b> <i>NCI-designated Cancer Center</i>	Duarte, CA
<b>University of California, Irvine Medical Center</b> <i>NCI-designated Cancer Center</i>	Orange, CA
<b>Long Beach Memorial Medical Center</b>	Long Beach, CA
<b>Long Beach VA Medical Center</b>	Long Beach, CA
<b>Seattle Prostate Institute</b> <i>Prostate Brachytherapy Residents' Course</i>	Seattle, WA

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**WORK EXPERIENCE**

**Cancer Care Consultants Medical Associates:** March 2009 – Present  
**Board Certified Staff Radiation Oncologist**

Los Angeles Cancer Institute  
El Segundo, California

Good Samaritan Hospital  
Los Angeles, CA

Northridge Hospital Medical Center  
Thomas & Dorothy Leavey Cancer Center  
Northridge, CA

Citrus Valley Medical Center  
Intercommunity Campus  
Covina, CA

Santa Monica Cancer Treatment Center  
Santa Monica, CA

**CompHealth & Cancer CarePoint:** Oct 2006 – Feb 2009  
**Board Certified Radiation Oncology Consultant**  
States of California, Indiana, Michigan, Nebraska

**Wayne State University, Karmanos Cancer Center** June - November 2008  
**Board Certified Radiation Oncology Consultant**  
Detroit, MI

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**PROFESSIONAL ACTIVITIES**

**Milburn Foundation** October 2009 – Present  
**Medical Advisor for Research on Inflammatory Breast Cancer (IBC) & Triple Negative Breast Cancer (TNBC)**  
Donations provided to IBC Research Foundation & Susan G. Komen for the Cure

**Tumor Board** March 2009 – Present  
Good Samaritan Hospital  
Los Angeles, CA

**Tumor Board** March 2009 – Present  
Northridge Hospital Medical Center  
Northridge, CA

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<b>Gamma Knife Review Board</b> Northridge Hospital Medical Center Northridge, CA	March 2009 – Present
<b>Korean Health Fair Cancer Consultant Volunteer</b> Good Samaritan Hospital, Los Angeles	November 2009
<b>Chief Resident of Radiation Oncology</b> University of California, Irvine Medical Center	January 2005 – June 2006

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## SKILLS

### Simulation

- CT simulation with MRI and PET fusion
- CT-based Virtual Simulation
- Conventional simulation with fluoroscopy

### External Beam Radiation Therapy

- Breast, Prostate, Gynecologic, Lung, Head and Neck, Gastrointestinal, Brain, Lymphoma, and Palliative Care
- Varian RapidArc, Trilogy, and Clinac iX Linear Accelerators
- Stereotactic Radiosurgery (SRS) and Stereotactic Radiotherapy (SBRT)
- Intensity Modulated Radiation Therapy (IMRT) and Helical Tomotherapy
- 3-Dimensional conformal radiation therapy
- Conventional External Beam Radiation Therapy
- Intraoperative Radiation Therapy (IORT)
- Total Body Irradiation (TBI) & Total Marrow Irradiation (TMI)
- Orthovoltage Radiation

### Image Guided Radiation Therapy (IGRT)

- Cone Beam CT on Varian Trilogy and Clinac iX linacs
- Electronic Portal Imaging Device (EPID) with implanted gold seed fiducial markers
- Calypso 4D Localization and Tracking with Beacon Transponders
- Megavoltage CT on TomoTherapy Hi-Art system
- Ultrasound using SonArray

### Brachytherapy

- HDR and LDR technique (Prostate and Gynecologic)
- Intracavitary and Interstitial application: Gynecologic, Breast, Prostate, Head and Neck, Sarcoma
- Partial Breast Irradiation (PBI): MammoSite, SAVI, Contura
- Strontium-90 for Pterygiums
- Ultrasound Guided Prostate Seed Implant using Mick Applicator
- Selective Internal Radiation Therapy (SIRT) to treat tumors of the Liver: TheraSphere and SIR-Spheres

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- Hyperthermia (Superficial and Interstitial)
  - Unsealed Sources (Zevalin and I-131 for Thyroid Cancer)
  - Endovascular Brachytherapy
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## RESEARCH AND PUBLICATIONS

**Neoplastic transformation in vitro by low doses of ionizing radiation: role of adaptive response and bystander effects.**

*M Ko, XY Lao, R Kapadia, E Elmore, and JL Redpath.*

Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis, May 2006, Vol. 597, Issues 1-2, pp. 11-17.

**Neoplastic transformation in vitro induced by low doses of 232 MeV protons.**

*E Elmore, XY Lao, M Ko; S Rightnar, G Nelson, JL Redpath.*

International Journal of Radiation Biology, April 2005, Vol. 81, No. 4, pp. 291-297.

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## CONFERENCE PRESENTATIONS

### **Northridge Hospital Medical Center**

Continuing Medical Education Lecture

*Management of Inoperable Early Stage Lung Cancer*

May 12, 2009

### **City of Hope National Medical Center**

Journal Club

*Radiation Therapy after Neoadjuvant Chemotherapy for Breast Cancer*

*Evaluation of Amifostine to Prevent Radiation Esophagitis*

*Cetuximab and RT for Head & Neck Cancers*

Duarte, CA

June 16, 2006

May 19, 2006

April 21, 2006

*Pelvic Fractures and XRT*

*Meta-Analysis Review of Neoadjuvant Chemoradiotherapy for*

*Resectable Esophageal Carcinoma*

*Limited Stage Hodgkin's Lymphoma: Chemo + XRT vs. XRT alone?*

*Single Fraction of 8 Gy versus Multi-Fraction RT for Palliation of*

*Painful Bone Metastases*

*Wilms' Tumor*

*Margins and Geographical Misses in IMRT Planning for*

*Head and Neck Tumors*

March 24, 2006

December 8, 2005

October 7, 2005

August 19, 2005

July 28, 2005

September 24, 2004

### **University of California, Irvine Medical Center**

UCI Cancer Center Annual Scientific Retreat

*The role of cell density in modulating the shape of the dose-response curve for radiation-induced neoplastic transformation in vitro.*

Nov 12 – 14, 2004

Palm Springs, CA

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**University of California, Irvine Medical Center**  
Journal Club  
*Adjuvant Therapy of Stage I Endometrial Cancer.*  
*Role of Radiation Therapy After GOG 99*

September 23, 2004  
Orange, CA

**Los Angeles Radiological Society**  
55th Annual Midwinter Radiological Conference  
*Case Presentation and Discussion on Small Cell Lung Carcinoma*

February 2003  
Universal City, CA

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### **EXTRACURRICULAR**

**Ovarian Cancer Research Fund**  
**Donating Triathlete**  
U.S. Women's Triathlon Series, Sprint Distance  
San Diego, CA

October 2007

**Susan G. Komen**  
**Donating Runner**  
Race for a Cure, 5K  
Pasadena, CA

February 2007

**Team In Training for the Leukemia & Lymphoma Society**  
**Fundraising Triathlete of \$6000**  
Wildflower Triathlon, Olympic Distance  
Lake San Antonio, CA

January – April 2005

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### **LICENSURES**

Board Certification in Radiation Oncology, American Board of Radiology, 2007 – 2017

- *Written Examinations passed in Clinical Oncology, Radiological Physics, and Radiobiology*
- *Oral Examination passed*

Medical Board of California, Active  
Drug Enforcement Administration License, Active  
California Department of Health Radiography & Fluoroscopy Permit

### **LANGUAGES**

Korean, Portuguese, Spanish

### **OUTSIDE INTERESTS**

International & Adventure Travel; Dance – Jazz, Modern, Swing, Salsa; Triathlons