

Micki Ko, M.D.

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EDUCATION

University of California, Irvine Medical Center

Residency in Radiation Oncology

Orange, CA

July 2002 – June 2006

St. Francis Hospital of University of Illinois, College of Medicine

Internship: Transitional Year

Evanston, IL

June 2001 – June 2002

Rush Medical College

M.D.

Chicago, IL

Sept 1997 – June 2001

University of Michigan, Honors College

B.S. in Biological Anthropology: Magna Cum Laude

Ann Arbor, MI

Sept 1993 – June 1997

RADIATION ONCOLOGY TRAINING

City of Hope National Medical Center

NCI-designated Cancer Center

Duarte, CA

University of California, Irvine Medical Center

NCI-designated Cancer Center

Orange, CA

Long Beach Memorial Medical Center

Long Beach, CA

Long Beach VA Medical Center

Long Beach, CA

Seattle Prostate Institute

Prostate Brachytherapy Residents' Course

Seattle, WA

POSITIONS HELD**Locum Tenens Coverage:**

Wayne State University Detroit, MI	June 2008 – Present
Marquette General Hospital Iron Mountain, MI	March 2008
California Cancer Center Fresno, CA	February - March 2008
The Memorial Hospital & Health Care Center Jasper, IN	January - February 2008
Michiana Hematology/Oncology Elkart, IN	January 2008
Good Samaritan Health System Kearney, NE	January 2008
Vantage Oncology/Valley Radiotherapy:	
Saint Bernardine Medical Center San Bernardino, CA	April - November 2007
Vantage Radiation Oncology Center of Riverside Riverside, CA	June - November 2007
Imperial Valley Cancer Center El Centro, CA	March 2007
Mercy Cancer Center Affiliate of University of California Davis Cancer Center Merced, CA	October – November 2006
Chief Resident of Radiation Oncology University of California, Irvine Medical Center	January 2005 – June 2006

SKILLS

Simulation

- AcQSim CT simulation with MRI fusion
- Conventional simulation with Varian Ximatron Simulator and fluoroscopy

Planning

- Helical Tomotherapy: HI-ART System (Head and Neck Tumors, Conformal Avoidance for Anal Cancers, Pediatric Abdominal Neuroblastoma, Esophageal Cancers)
- Nomos IMRT: Serial Tomotherapy using Peacock/MIMic and Corvus Treatment Planning System
- ADAC 3D/Pinnacle Treatment Planning System
- CMS CT Three Dimensional Treatment Planning System
- Varian Eclipse Treatment Planning System, Conventional and IMRT planning

External Beam Radiation Therapy

- 3-D conformal radiation therapy
- IMRT and Helical Tomotherapy
- IGRT (Image Guided Radiation Therapy) with Megavoltage CT and Ultrasound using SonArray
- Stereotactic Radiosurgery and Stereotactic Radiotherapy
- IORT (Intraoperative Radiation Therapy)
- TBI (Total Body Irradiation)
- Conventional External Beam Radiation Therapy
- Orthovoltage Radiation
- Electronic Portal Imaging

Brachytherapy

- HDR and LDR technique (Prostate and Gynecologic)
- Interstitial and Intracavitary application: Head and Neck, Breast, Gynecologic, Prostate, Sarcoma
- Ultrasound guided Prostate Seed Implant using Mick Applicator
- MammoSite
- TheraSphere and SIR-Spheres
- Hyperthermia (Superficial and Interstitial)
- Unsealed Sources (I-131 for Thyroid Cancer and Zevalin)
- Endovascular Brachytherapy
- Strontium-90 for pterygium
- Brachyvision treatment planning system

Radiation Oncology Management System

- IMPAC
 - Varis
 - Oncochart
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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.

CONFERENCE PRESENTATIONS

City of Hope National Medical Center

Journal Club

Duarte, CA

Radiation Therapy after Neoadjuvant Chemotherapy for Breast Cancer

June 16, 2006

Evaluation of Amifostine to Prevent Radiation Esophagitis

May 19, 2006

Cetuximab and RT for Head & Neck Cancers

April 21, 2006

Pelvic Fractures and XRT

March 24, 2006

Meta-Analysis Review of Neoadjuvant Chemoradiotherapy for Resectable Esophageal Carcinoma

December 8, 2005

Limited Stage Hodgkin's Lymphoma: Chemotherapy + XRT versus XRT alone?

October 7, 2005

Single Fraction of 8 Gy versus Multi-Fraction RT for Palliation of Painful Bone Metastases

August 19, 2005

Wilms' Tumor

July 28, 2005

Margins and Geographical Misses in IMRT Planning for Head and Neck Tumors

September 24, 2004

University of California, Irvine Medical Center

Nov 12 – 14, 2004

UCI Cancer Center Annual Scientific Retreat

Palm Springs, CA

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

University of California, Irvine Medical Center

September 23, 2004

Journal Club

Orange, CA

Adjuvant Therapy of Stage I Endometrial Cancer. Role of Radiation Therapy After GOG 99

Los Angeles Radiological Society

February 2003

55th Annual Midwinter Radiological Conference

Universal City, CA

Case Presentation and Discussion on Small Cell Lung Carcinoma

LICENSURE

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

Medical Board of California, Active

Drug Enforcement Administration License, Active

Michigan State Medical License, Active (Expires 1/31/09)