

ASTRO School of Radiation Oncology

MOC Online Self-assessment Module

Biosketch Information

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Brief Disclosure Statement

I have nothing to disclose.

Brief Description of Responsibilities:

Regarding this particular course, I initiated the clinical cancer genetics/genetic testing program and continue to lead this. It has developed significantly over the past few years and is now an invaluable addition to the cancer center offerings. More and more patients are enquiring about this subject and thus more patients are coming in for discussion and potential testing. Physicians who manage cancer patients should be aware of some of the basics of cancer genetics and should be able to confidently offer this service to their patients, if they so desire.

Educational Preparation: M.S., Yale University (Molecular Biophysics & Biochemistry); B.S., SUNY Binghamton (Biological Sciences)

Medical School: M.D., SUNY Stony Brook

Year Earned: 1994

Internship: Winthrop University Hospital

Residency: The Johns Hopkins Hospital

Fellowship: University of Wisconsin

Selected publications:

1. Pollock JD and Welsh JS. Cancer genetics and genetics testing for the practicing radiation oncologist (Part 1). American Journal of Clinical Oncology 2009. In press.
2. Rong Y, Welsh JS. Hypofractionated breast and chest wall irradiation using simultaneous in-field boost IMRT delivered via helical tomotherapy. Technology in Cancer Research and Treatment. Vol 7, No. 6, p 415-522; 2008.

3. Susanta K. Hui,, M. R. Verneris, Jerry Froelich, K. Dusenbery, James S. Welsh. Multimodality Image Guided Total Marrow Irradiation and Verification of the Dose Delivered to the Lung, PTV, and Thoracic Bone in a Patient: A Case Study (p. 23-28) *Technology in Cancer Research and Treatment*. Pp 23-28; Volume 8, No. 1; February 2009
4. Speer T, Welsh JS. Will Radioimmunotherapy Survive? The future of radioimmunotherapy for non-Hodgkin lymphoma in the USA. *Clin Adv Hematol Oncol*. 2008; 6(4):233-37.
5. Welsh JS. A Potential Means of Investigating the Role of Luteinizing Hormone in the Pathogenesis of Alzheimer Disease. *Clinical Medicine and Research*. 2008; 6: 1-2.
6. Welsh JS, Limmer J. Dosimetric concerns regarding the 4-field box technique. *American Journal of Clinical Oncology*. 2007 Dec;30(6):666.