# David Gutman Speaking on Development and Validation of Radiology Descriptors in Gliomas

**SYNOPSIS:** Researchers at Emory University, in collaboration with investigators at the University of Virginia, Henry Ford Hospital, and Thomas Jefferson Hospital, have been working to develop the Visually Accessible Rembrandt Images (VASARI) feature set, a standardized set of qualitative imaging features used to describe high-grade gliomas. Dr. Gutman will discuss current efforts to validate these data sets and present preliminary work on the use of imaging descriptors to stratify patients into subgroups with differential survival or genetic characteristics. Finally, Dr. Gutman will discuss emerging work to develop and validate 3-D, a volumetric-based quantitative assessment of brain tumors. Session details ...

**BIO:** Dr. Gutman is an assistant professor in the department of Biomedical Informatics at Emory, and has a PhD in Neuroscience. Following his psychiatry residency at Emory, he took a position in the Center of Comprehensive Informatics where his work has focused on the analysis of both radiology and pathology images, as well as on developing the informatics infrastructure needed to process and analyze these images efficiently.

**SUMMARY:** *Development and Validation of Radiology Descriptors in Gliomas*
Speaker: David Gutman
Date: Wednesday, May 9, 2012
Time: 11 AM – 12 PM

Presentation: The presentation will be available for viewing after the event on our Speaker Series Videos page on our wiki page and on YouTube

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