

PRESS RELEASE
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Radiation Passport

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SEATTLE, WA and VICTORIA, BC March 9, 2010 — Clario and Tidal Pool Software announce plans to integrate Tidal Pool's Radiation Passport into Clario's zVision unified worklist. The integration will provide radiologists and referring physicians with information about radiation exposure and cancer risks for Medical Imaging as well as cumulative radiation exposure for their patients.

With the FDA's recent initiatives to reduce unnecessary radiation exposure from Medical Imaging, there is a need for health IT systems to provide physicians with information about radiation exposure and cancer risk from Medical Imaging. X-rays, CT scans, fluoroscopy and nuclear medicine exams all deliver ionizing radiation to the body, which can cause cancer. Over the last 15 years, the use of Medical Imaging has been rapidly increasing. There are estimates that up to 1.5-2% of all cancers within the US may be caused by radiation from CT scans if current usage rates continue. There has been recent evidence that physicians largely underestimate or are unaware of the risks associated with radiation from Medical Imaging, and patients are uninformed of the risks. Furthermore, it is estimated that potentially up to one quarter of CT scans may not be medically indicated.

Radiation Passport was developed by Tidal Pool Software in collaboration with Mark Baerlocher, M.D., a resident in his final year in the Radiology Residency Training Program at University of Toronto. Radiation Passport was developed for the iPhone with the intention of educating people about the radiation and cancer risks associated with Medical Imaging exams and procedures.

Integrating Radiation Passport into zVision will make this information available to the referring physicians and radiologists both for their own education, and to facilitate discussion with their patients regarding their personal exposure. The radiation exposure from individual exams, and cumulative exposure are tracked for individual patients, and the associated age- and gender-based risks of developing radiation-induced cancer are provided (for individual exams, and cumulative exposure). The radiation exposure and associated risk numbers used in Radiation Passport are based on published scientific journal papers, and are only estimates.

“Integration of disparate systems with scattered patient data creates an incomplete radiological record for patients and therefore not a clear view of their cumulative radiation exposure. zVision integrates this information in one database giving physicians access to a more complete record of cumulative radiation exposure which they can use to discuss cancer risks with their patients,” says Chris Wood, CEO at Clario.

“zVision will become one of the first, if not the first RIS/PACS system to not only track radiation exposure among patients, but also provide the associated cancer risk. Exposure numbers on their own are meaningless to most people, including physicians, without the associated risk estimates,” says Mark Baerlocher, adding, “The ultimate goal of this initiative is to promote awareness of radiation risks, and to ensure that patients are imaged in the most appropriate manner.”

About Clario

Clario partners with hospitals, Imaging centers and private practice radiology groups to improve radiologists’ efficiency through integration. Clario’s flagship product, zVision, provides a benchmark unified worklist, intelligent real-time monitoring of practice statistics, advanced search, communication tracking and integrated peer review. For more information, visit www.clariomedical.com.

About Tidal Pool Software

Tidal Pool Software is an independent software company dedicated to writing great Mac OS X and iPhone applications. Tidal Pool Software is located in Victoria, British Columbia. For more information visit <http://www.tidalpool.ca>

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