

**Title: Increased Awareness of Ionizing Radiation Exposure from CT Examinations in Pediatric Patients**

**Introduced By: Rima Jibaly, MD, for the Genesee County Delegation**

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**Referred To: Reference Committee E**

**House Action:**

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**Whereas, computed tomography (CT) has become a widely-utilized diagnostic imaging modality to diagnose disease and injury, and**

**Whereas, when appropriately utilized, CT examinations have been shown to lead to early diagnosis and improved treatment planning of certain diseases, and**

**Whereas, when appropriately utilized, CT examinations are instrumental in some minimally-invasive treatments of certain diseases, and**

**Whereas, inappropriate use of CT examinations leads to increased patient exposure to ionizing radiation, and**

**Whereas, the harmful effects of increased exposure to ionizing radiation, including an increased lifetime risk of cancer, have been documented and published, and**

**Whereas, pediatric patients have increased radiosensitivity to ionizing radiation as compared to adults, and**

**Whereas, there may be a lack of awareness of some physicians of the potential risks of ionizing radiation exposure, especially in pediatric patients, and**

**Whereas, pediatric patients may undergo repeated CT examinations at multiple facilities including hospitals and outpatient imaging centers, and**

**Whereas, in certain circumstances, CT examinations may need to be repeated, due to the lack of availability of recently performed CT examinations, therefore be it**

**RESOLVED: That MSMS work with the Michigan Radiological Society (MRS) to encourage physicians to utilize the American College of Radiology (ACR) Appropriateness Criteria® whenever possible to choose the most appropriate imaging examination for their patients; and be it further**

49           **RESOLVED: That MSMS work with MRS to raise awareness among all**  
50 **physicians caring for pediatric patients regarding the potential risks of ionizing**  
51 **radiation exposure from CT examinations; and be it further**

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53           **RESOLVED: That MSMS work with MRS to encourage imaging facilities**  
54 **performing CT examinations to appropriately adjust their CT protocols and**  
55 **dosages for pediatric patients; and be it further**

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57           **RESOLVED: That MSMS work with MRS to encourage imaging facilities to**  
58 **provide a digital copy of examinations performed as well as the associated**  
59 **reports to patients expected to go to other medical facilities.**

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**WAYS AND MEANS COMMITTEE FISCAL NOTE: NONE**