



Aerospace Medicine Rounds

Lecture 2: Space Radiation Environment and associated health risks for aviation activities and human space exploration



Tuesday, October 14, 2025
12:00 – 1:00 p.m. (EST)

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Learning Objectives:

By the end of these rounds, participants will be able to:

1. To describe the space radiation environment and its effects on Earth and low Earth orbit beyond
2. To review radiation environment characteristics and influence on aviation and space exploration
3. To discuss the human health risks associated with the exposure to the space radiation environment

Zoom Details:

<https://utoronto.zoom.us/j/86913646844>

Meeting ID: 869 1364 6844 Passcode: 678756

A post-rounds evaluation survey will be circulated shortly after this date.

Please email aerospace.med@utoronto.ca to be added to the Aerospace Medicine Rounds and/or the Occupational Medicine Rounds Mailing Lists.

The Winter/Spring 2025 Schedule for Aerospace Rounds is being developed, and will be posted soon at <https://deptmedicine.utoronto.ca/rounds>



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*The 'Aerospace Medicine Rounds' is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the RCPSC. **To be eligible for Section 1 MOC credits, participation in the event must be formally recorded. For tracking purposes, participants attending must ensure their Zoom display/login name includes first and last name.***

If unable to attend, it is possible to claim RCPSC Section 2 credits at 0.5 credits per activity for watching the recorded video. All recordings of prior Aerospace Medicine & Occupational Medicine Rounds are posted here: <https://deptmedicine.utoronto.ca/rounds>

Save the Date:

The next Aerospace Medicine Rounds will be taking place on
Tuesday December 2, 2025 with
Speaker: Mr. Richard Grainger