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### Awareness & Prevention of Health Hazards for Americans Embarking in Space Tourism

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*Rowan University*

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# Awareness & Prevention of Health Hazards for Americans Embarking in Space Tourism

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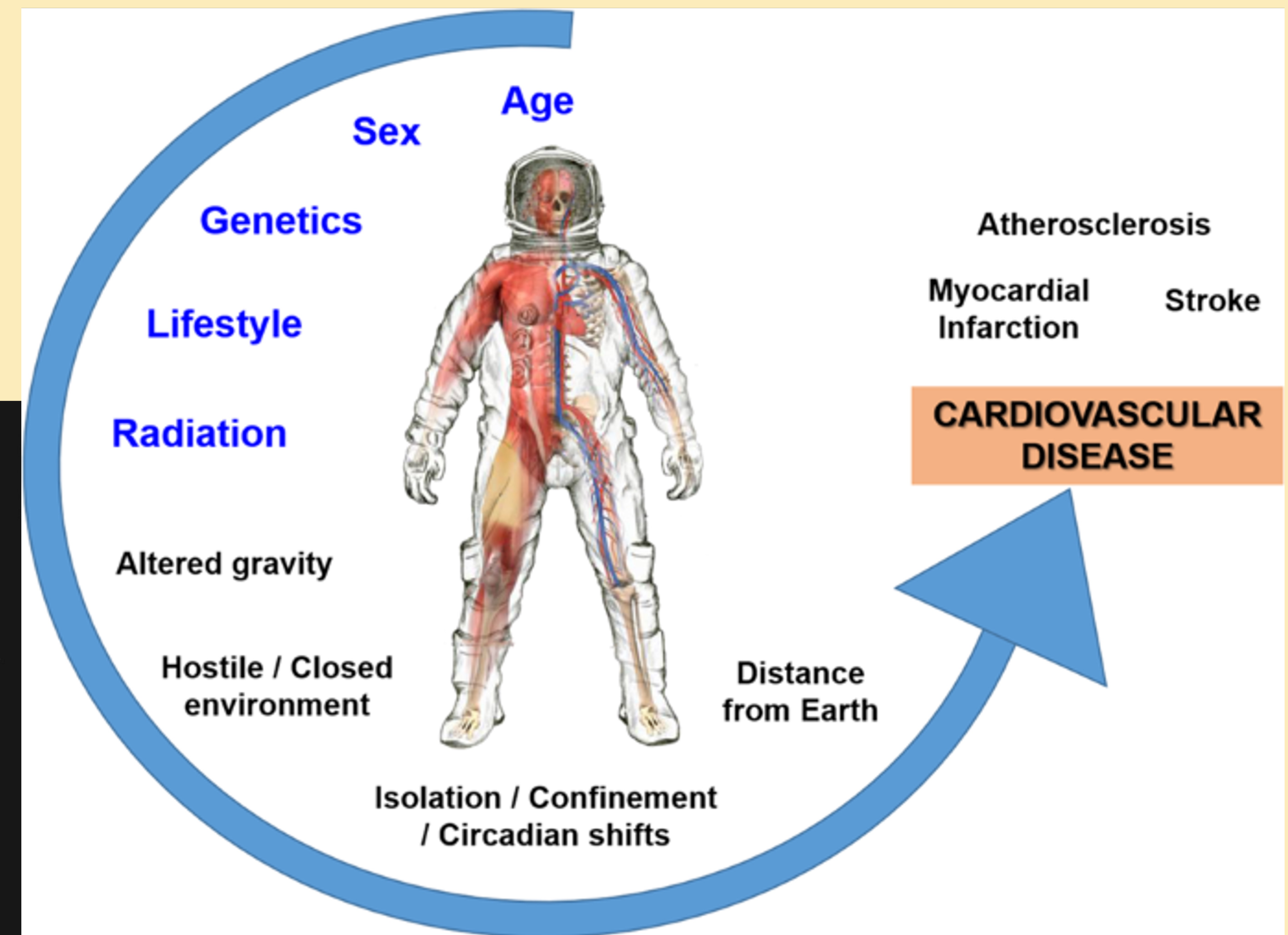
Department: Medicine

## Health Hazards

- Cosmic radiation
- Altered gravity fields
- Psychological effects



*Virgin Galactic 2021*



*Nature, 2020*

## Space Travel linked to:

- Ebullism
- Decompression Sickness
- Hypoxia/Hypocapnia
- Cancer
- Cardiovascular Disease
- Central Nervous System Risks
- Behavioral Changes

## Variables that can be Controlled:

- Space Suits
- Spacecraft

***Must consider the health differences between Trained Astronauts and Average Americans seeking space tourism***