

## Query: space nutrition

### RAG Answer

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Summary from retrieved NASA sources:

[1] Nutrition in space (ID:20040089374)

author review study conducted define nutritional requirement astronaut space flight assess nutrition space flight topic include space food system research limitation spacecraft physiological adaptation weightlessness energy requirement dietary intake space flight bone demineralization gastrointestinal function blood volume nutrition requirement space flight benefit space-related nutrition research highlighted

[2] U.S. Air Force Program on Aerospace Nutrition Research (ID:19650008971)

nutrition diet metabolism space flight

[3] Proteins in space nutrition (ID:19650008978)

protein manned space flight nutrition

[4] History of Nutrition in Space Flight: Overview (ID:20040088083)

major accomplishment nutritional science support human space travel occurred past article review accomplishment beginning early gemini program continuing impressive result first space station skylab program focused life science research russian contribution mir space station shuttle life science research emerging international space station mission nutrition affected environmental condition radiation temperature atmospheric pressure reviewed nutrition respect space flight closely interconnected life science research discipline including study hematology immunology well neurosensory cardiovascular gastrointestinal circadian rhythm musculoskeletal physiology relationship reviewed reference overall history nutritional science human space flight cumulative nutritional research past four decade

[5] Nutrition-waste complex - a pressing problem in manned space exploration (ID:19650008966)

handling nutrition-waste complex manned space exploration

Note: These are verbatim grounded snippets.

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