

Space Medicine: Mercury-Apollo

- Who was the flight surgeon involved in selecting the Mercury astronauts?
 - Dee O'Hara
 - Charles Berry
 - Leonard Horatio McCoy
- Which type of astronaut medical training was **NOT** used during Mercury?
 - Centrifuge runs
 - Altitude chamber tests
 - Underwater training in spacesuits
- After President Kennedy announced plans for a lunar landing, what was the max mission flight time achieved by a Mercury mission?
 - 48 minutes
 - 34 hours
 - 5 days
- Deke Slayton and which other Mercury astronaut were grounded for medical reasons?
 - Alan Shepard
 - John Glenn
 - Gordon Cooper
- Where was Deke Slayton when he ran out of his heart medication?
 - Astronaut survival training in the desert
 - On vacation in Tahiti
 - On an antelope hunt
- Who charged NASA with developing procedures to prevent a "lunar plague"?
 - John F. Kennedy
 - Lyndon B. Johnson
 - Richard M. Nixon
- How many missions used a Mobile Quarantine Facility (MQF)?
 - One
 - Three
 - Six
- Why did President Nixon fail to have dinner with the astronauts on the eve of the *Apollo 11* launch?
 - It conflicted with the pre-launch quarantine protocol
 - A budget emergency on Capitol Hill
 - A Vietnam War riot was taking place
- NASA designs sought 0.999% reliability for hardware, subsystems, and systems. Why did the chief of medical operations refuse?
 - He didn't think the astronauts were capable
 - There were no established procedures to test astronauts
 - He didn't want to be sent to prison

Answers:

- (B)
- (C) Underwater training *with* spacesuits was added in the late Gemini Program
- (B) Gordon Cooper, "Faith 7" *Mercury-Atlas 9*
- (A) Shepard was grounded from 1963-1969 due to an inner ear ailment
- (C) This ultimately led to a reevaluation and change of his flight status
- (B)
- (B) *Apollo 11, 12, and 14. Apollo 13* didn't land on the Moon, so it's MQF wasn't used
- (A)
- (C) The 0.999% reliability spec requires destructive testing (i.e., killing the astronaut)

Learn more: "An Interview with Charles Berry: The Astronaut's Doctor"
([Quest: Volume 27 #2](#))

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