



Fig. 1. Schematic of the designed Medilab Mir module³ showing the different sections as described in the text.

War effectively curtailed the Apollo Lunar Program and the Apollo Applications Project. All of the Apollo-Saturn hardware was then relegated to museums. The 9/11 disaster had much to do with the eventual termination of the Shuttle and Constellation programs. The possibility of achieving biomedical research goals that have still not been realized such as human-rated centrifuge research and the extensive development of techniques in animal surgery/anesthesia is especially disheartening. The only survival animal surgery performed in space to date were the limited rat dissections performed on the Neurolab Shuttle mission (STS-90) in 1998. Even more disappointing in the cancellation of Medilab was that there was a great opportunity for U.S. researchers

to be heavily involved through the Shuttle-Mir Program. It is noted that of the seven U.S. Mir astronauts, three were physicians (Thagard, Linenger, Wolf) and one was a biochemist (Lucid).

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