Launch and Landing of Russian Soyuz – Medical Support for US and Partner Astronauts

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Launch and Landing of Russian Soyuz – Medical Support for US and Partner Astronauts

• Launch – Baikanour
  • USOS 1 Crew Surgeon, 1 Deputy Crew Surgeon, 1 Russian Based US Physician
  • IP – 1 IP Surgeon

• Landing – Kazakhstan
  • USOS 1 Crew Surgeon, 1 Deputy Crew Surgeon, 1 Russian Based US Physician
  • IP – 1 IP Surgeon
  • Direct Return Doctor
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• Launch - Roles
  • USOS Crew Surgeon – Quarantine and direct care to crew before launch, then present in close proximity to launch for abort.
  • IP Crew Surgeon – same
  • Deputy Crew Surgeon – Back up for crew surgeon, care for immediate family, stationed at airport for helicopter abort response
  • Russian based US doctor – Coordinate with SOS staff

• Landing – Roles
  • USOS Crew Surgeon – Nominal helicopter response and initial medical care and support during return on gulfstream
  • IP Crew Surgeon – same
  • Deputy Crew Surgeon – Ballistic helicopter support
  • Russian based US doctor – Coordinate with SOS staff
  • Direct return doctor – Direct medical care on return flight
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R+0 Route of Flight
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• Launch - Capabilities
  • Trauma Kit
  • Launch specific supplement
  • Local facilities
  • Russia based US doctor for coordination

• Landing – Capabilities
  • Trauma Kit
  • Ultrasound, Vscan, fluid warmer, vein finder, iStat
  • Landing specific supplement
  • Local facilities
  • Russia based US doctor for coordination
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