REQUIREMENTS FOR SAFE AND EFFECTIVE TRANSITION
SAFE AND EFFECTIVE TRANSITION

Multidimensional

- **Medical physics** (equipment, QA procedure, system operation, etc)
- **Radiation technologists (RTT)**: new environment with IGRT, system complexity (many failure modes), system automation, etc
- **Radiation oncologist**: image based radiotherapy, from diagnosis to delivery.
- **IT specialists** required
Flying is just the same, everything else is education, training, education, training, education, training, education, training, education, training, education, training, education, training, education, training, education, training, education, training, education, training, education, training, etc...
RADIATION ONCOLOGIST SPECIFIC TASKS

Transition from 2D to 3D target definition.

- Proficiency in imaging analysis (CT-MRI-PET).
- Understanding of ICRU 50-62-83 definition.
- Understanding of motion control and/or compensation.
- Understanding of OAR dose-volume constraints.

Transition from 3D to IMRT and beyond.

- Far simpler as all of the above apply.
- But interaction with MPE and RTT is critical...