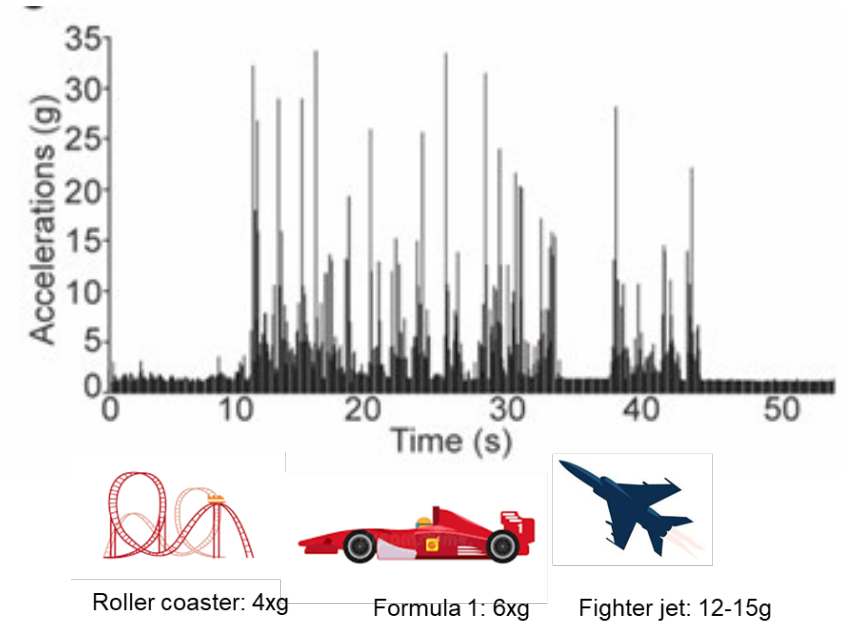
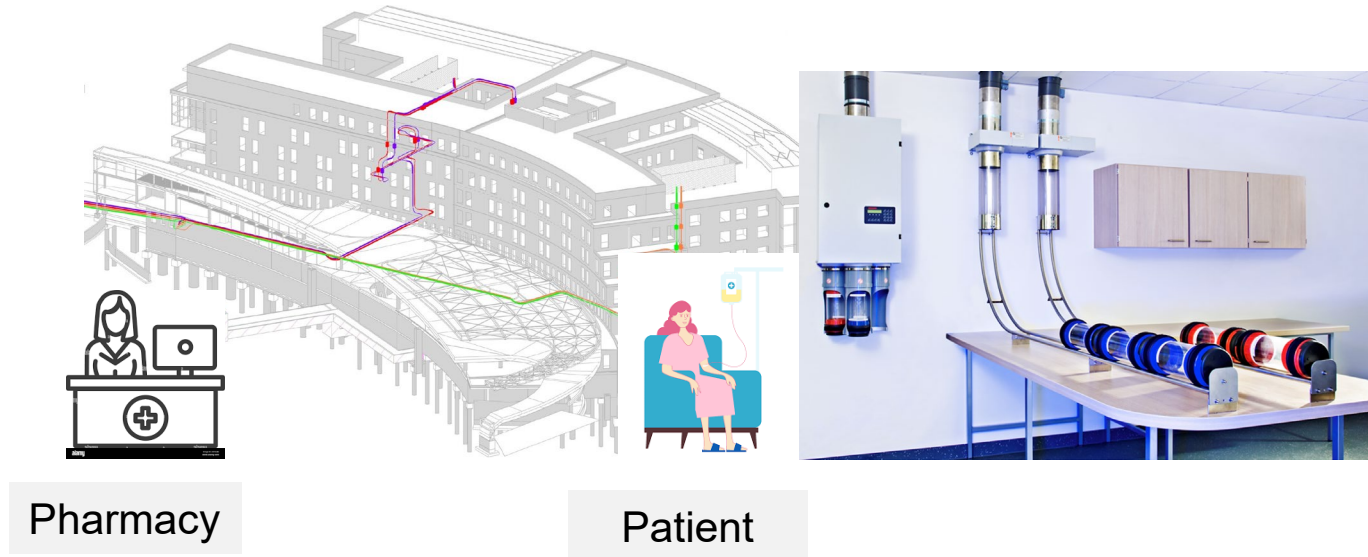




# Structural MS for clinical validation of pneumatic transportation systems for mAb delivery to patients in hospitals

**Pneumatic transportation systems (PTS):** a way to carry ready-for-injection diluted monoclonal antibodies (mAbs) from the pharmacy to the bedside of patients.



PTS for the transportation of anticancer therapies  
(↘ transportation time and ↗ efficiency of drug distribution process)

- 1000 m and 20 curves
- acceleration profile:  **$4.06 \pm 1.75g$  / travel**
- >15 acceleration peaks of >20g *per* travel
- a maximum at 32g that is reached 4 times