

Safety assessment of advanced therapy medicinal products (ATMPs) process : A tutorial video creation module

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Context

Advanced Therapy Medicinal Products (ATMPs)

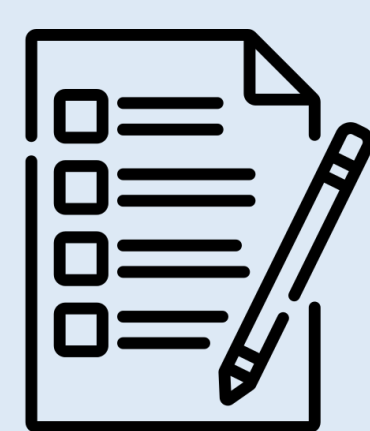
- Oncolytic viruses
- Nucleic acids
- Chimeric Antigen Receptor T (CAR-T) cells

- **Specific pharmaceutical process** : sterile process, autologous products, GMO specificity
- New activities → **limited experience**
- **Heavy workload**
- **High staff turnover** (pharmacy residents)

Objectives

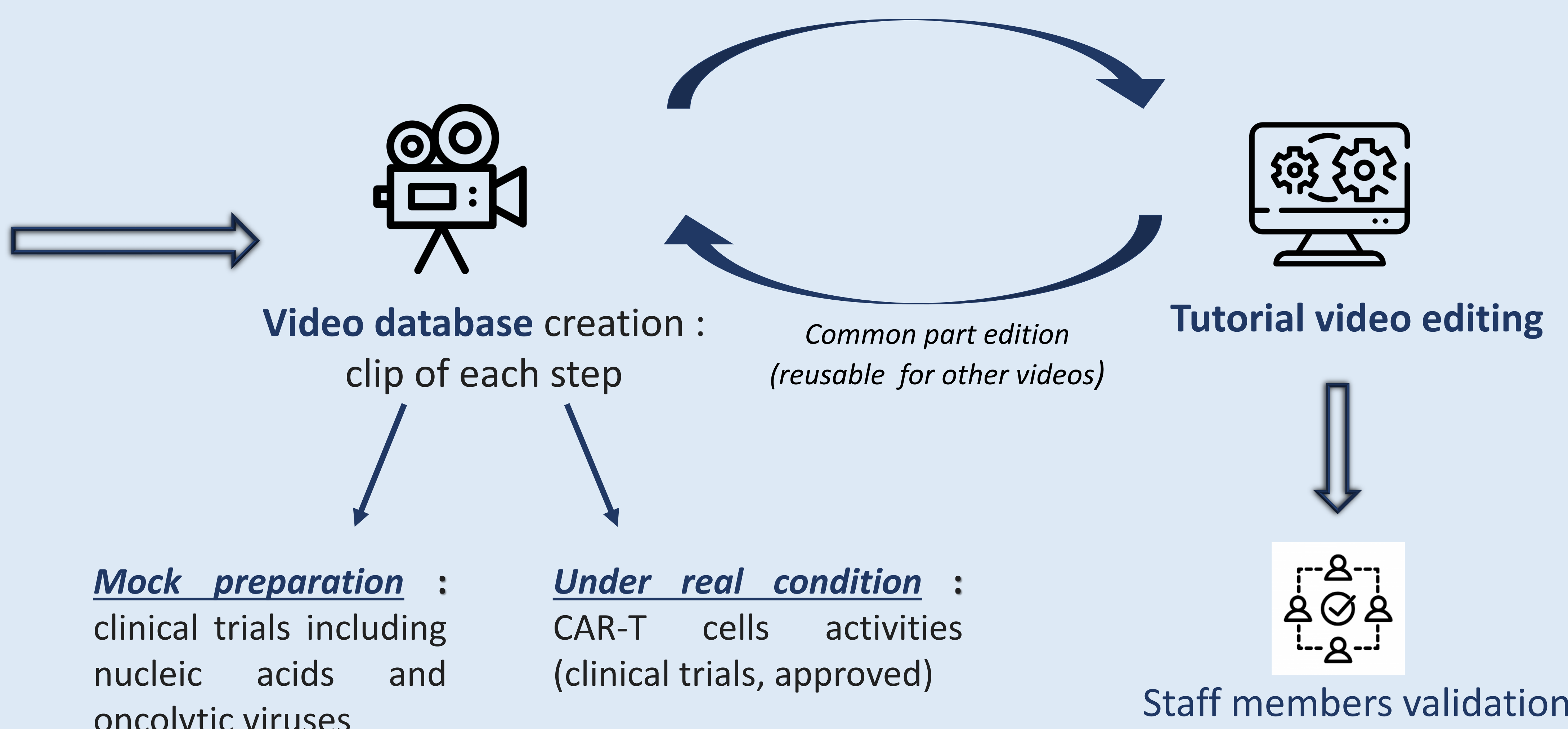
- ✓ Creation of **pedagogical tools** : multimedia support
- ✓ **Improve ATMPs circuit safety** by standardizing hands-on training

Methods



List of each step of activities :

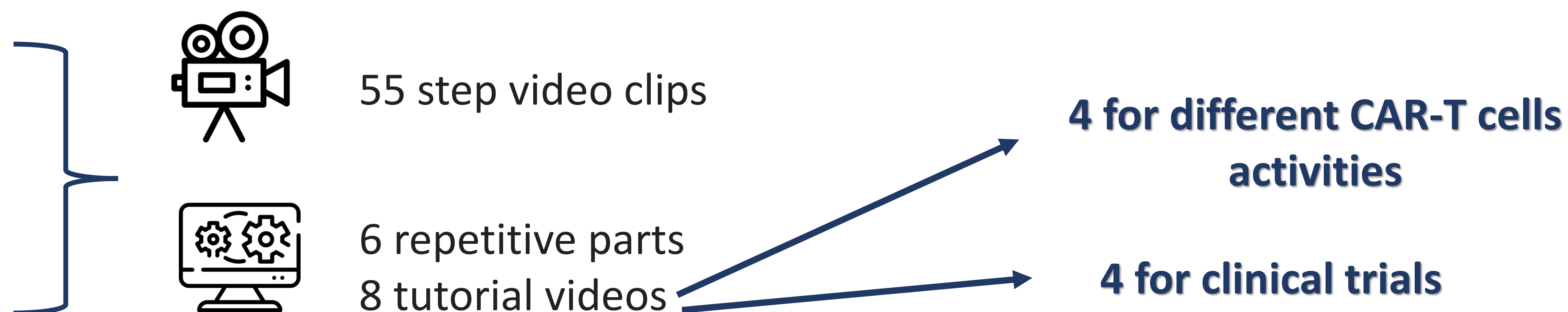
- Preparation of experimental drugs
- Management of CAR-T cells



Results

Current pharmacist activities :

- **5 gene therapy clinical trials**
- **CAR-T cells activities** : reception, shipment to the pharmaceutical hub, thawing and distribution.



How to thaw CAR-T cells ?



Flash the QR code for the answer!



Conclusion

- ✓ **Dynamic** : video bank easily adjustable
- ✓ **Innovative**
- ✓ **Complementary** to written process

Two goals :

- New resident, student, technician training
- Quick refresh for permanent team

Perspective : assess the efficiency of this new process