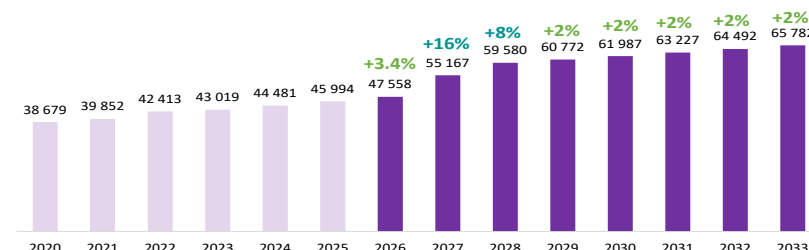


Context and objective



CCC expansion project:

- +30% increase in activity over 5 yaers
- CCPU: deployment of an APOTECACHemo® robot in early 2026
- **Objective:** evaluate the economic implications of this installation



Methods

- ❑ Prospective economic analysis in collaboration with the financial management and medical information departments
- ❑ 2 scenarios analyzed:

- « WITH ROBOT »: 2 double-station isolators + 1 robot
- « WITHOUT ROBOT »: 3 double-station isolators



Variable costs

- Employees
- Supplies



Fixed costs

- Equipment
- Maintenance
- Electricity

➤ Average cost per preparation

➤ Return On Investment

➤ Breakeven point

Discussion - Conclusion

- Significant part of the supplies cost– Captive medical device issues
- Positive economic impact but lower than data from literature (breakeven point of 34 000 preparations/year for Masini et coll.) → local factors to be considered
- Investment to be considered as a whole: risk of error, chemical contamination, MSDs

Results

Cumulative costs over 8 years

244 659 €
favoring robot

Average cost per preparation

19.21 €

Return On Investment (ROI)

5.8 ans

Breakeven point

50 000
prep./an

