

Facing the threat of cyberattack: developing an activity continuity software for the production of anticancer drugs

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CONTEXT Entire anticancer drug circuit in network. Supported by one activity software **Cyberattack -> Network outage** Off-line informatic tools nedeed OBJECTIVE Dévelop a back-up software $\textcircled{\begin{tabular}{c} \begin{tabular}{c} \hline \begin{tabular}{c} \begin{tabular}{c} \end{tabular} \end{tabular}$ • Out of network 🖾 🖾 📆

MATERIALS ET METHODS

• Activity continuity of the production

Preliminary Risk Analysis (PRA) - Risk prioritization - Definition of priority actions and requirements **Development of the software** - Databases in M[®] language - Automations in VBA® language Module validation (in progress) - By the working group: pharmacists, doctors, nurses, and the Information

Technology department





Priority actions and essential modules identified by the PRA



Advantages: Guarantees activity continuity offline (target 80%) - Adaptable to other establishments

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CONCLUSION / DISCUSSION

Limitations:

Requires **backups** of the activity softawre • Requires team preparation and simulation exercices



Perspectives: Software qualification - Testing in other establishments