



université
de BORDEAUX



Creating learning tools to train operators in cytotoxic preparation units using quizzes, card games and video

Simulation with Serious Games: Labquest[®] project

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3-4-5 OCTOBER 2018, 21TH GERPAC CONFERENCE, HYÈRES, FRANCE

Simulation in the field of health with serious games

Computers simulators

Learning transposed in a virtual 3D environment

Experience risk situation without endanger ourself



Pulse

MicroSim

Virtual room of errors



<http://www.interaction-games.com/seriousgames/1/sante-pulse-simulation-3d/>

<https://www.laerdal.com/docid/5899175/MicroSim>

<http://simango.fr/>

Simulation in the field of health with serious games



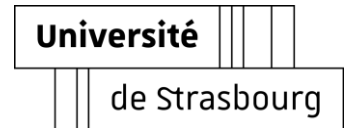
University simulation projects in pharmacy

PROFFiteROLE



<http://pharmacie.univ-lille2.fr/innovations-pedagogiques/enseignements-hybrides/pratique-officinale.html>

Pharma 3D



<http://pharma3d.unistra.fr/#c64561>

- First clean room simulator
- Evaluation of professional gestures and procedures related to cleanroom work
- Training not possible in the production area (risk for the person, for the manufactured product and for the environment)
- Real-time evaluation system integrated into the simulator



<https://www.dailymotion.com/video/x25sr67>

Gerpac presentations

A simulator for the training and assessment of professional competences of personnel working in an aseptic environment

M. Denami, 18th Gerpac conference, October 2015

<http://www.gerpac.eu/a-simulator-for-the-training-and-assessment-of-professional-competences-of-personnel-working-in-an-aseptic-environment>



Simulation in hospital pharmaceutical technology

20th GERPAC Congress 2017



A simulator for the training and assessment of professional competences of personnel working in an aseptic environment

Maria Denami

WhiteQuest & LISEC-EA 2310, Strasbourg, France
(maria.denami@whitequest.fr)

Virtual reality. A solution for training in hospital pharmacy

G. Ebelmann , S. Moudni 20th Gerpac conference, October 2017

<http://www.gerpac.eu/virtual-reality-a-solution-for-training-in-hospital-pharmacy>

The Labquest® project

Partnership

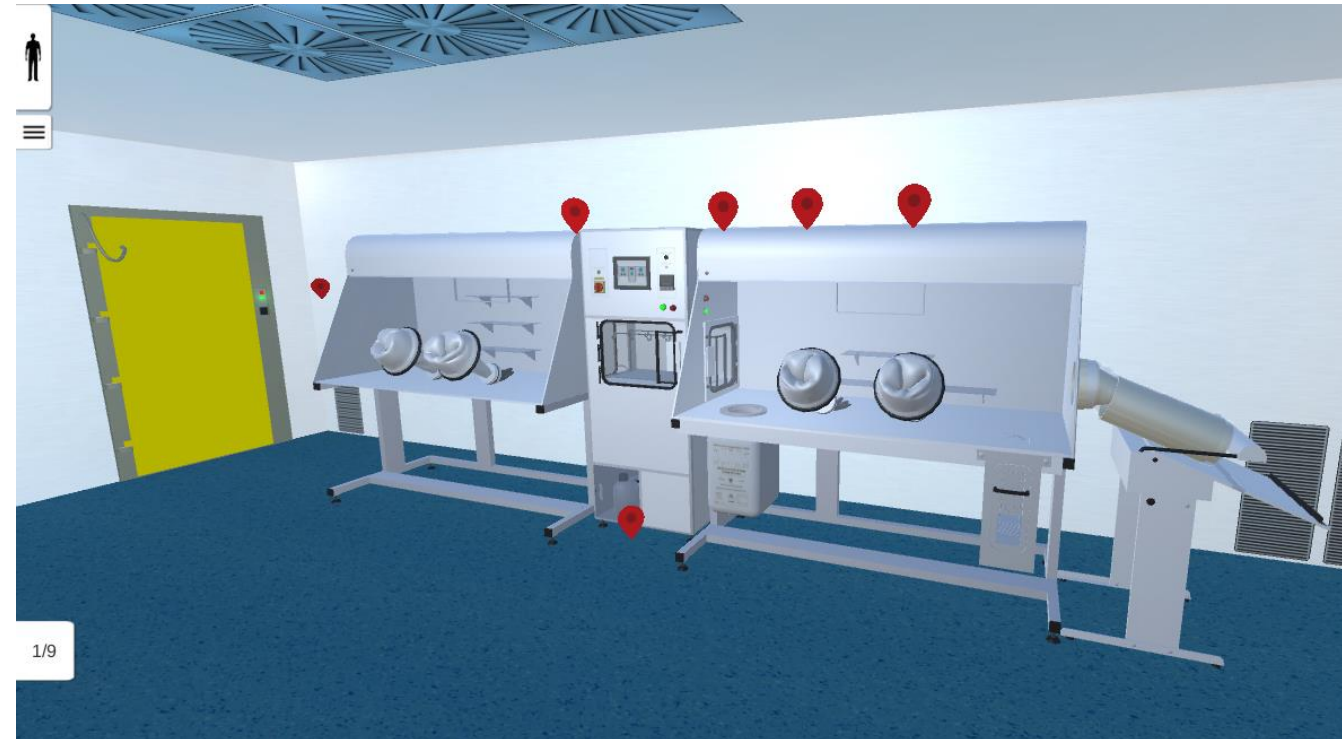
Creation of a simulator adapted to pharmacotechnical practices (isolator) regarding the good preparation practices

- Scenario writing (learning objectives, mistakes and pedagogical content)
- Equipment design

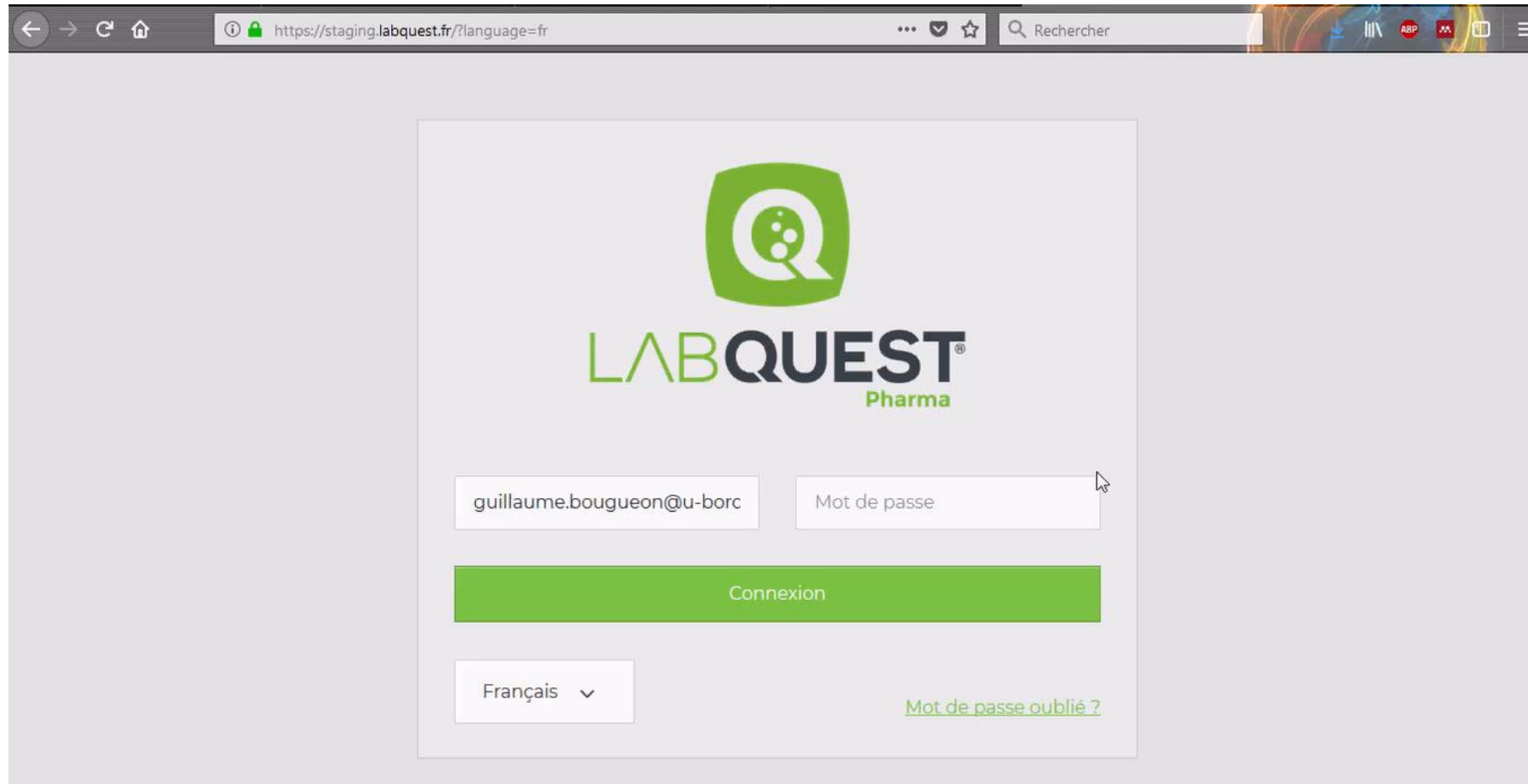
Representative of the daily activity in centralized unit of production.

Scenario:


- Dressing/undressing
- Isolator cleaning
- Preparation of syringes, bags, pumps



LabQuest® interface



← → ↻ 🏠 ⓘ 🔒 https://staging.labquest.fr/?language=fr ... 🔔 ☆ 🔍 Rechercher



LABQUEST
Pharma

[Mot de passe oublié ?](#)

Clean-room presentation



Bienvenue dans LabQuest !

Cliquez pour
continuer.

Sterilisation cycle launch



Syringes preparation



Bags preparation



Conclusion

- Initial and continuous formation and training of: hospital pharmacy technicians, hospital pharmacy resident and hospital pharmacist
- Self training
- Various scenario adaptable
- Pedagogical contents
- Being finalized

Thank you for your attention

