

# Training on pulmonary hypertension designed by a collaborative pharmacy practice



# **CONTEXT**

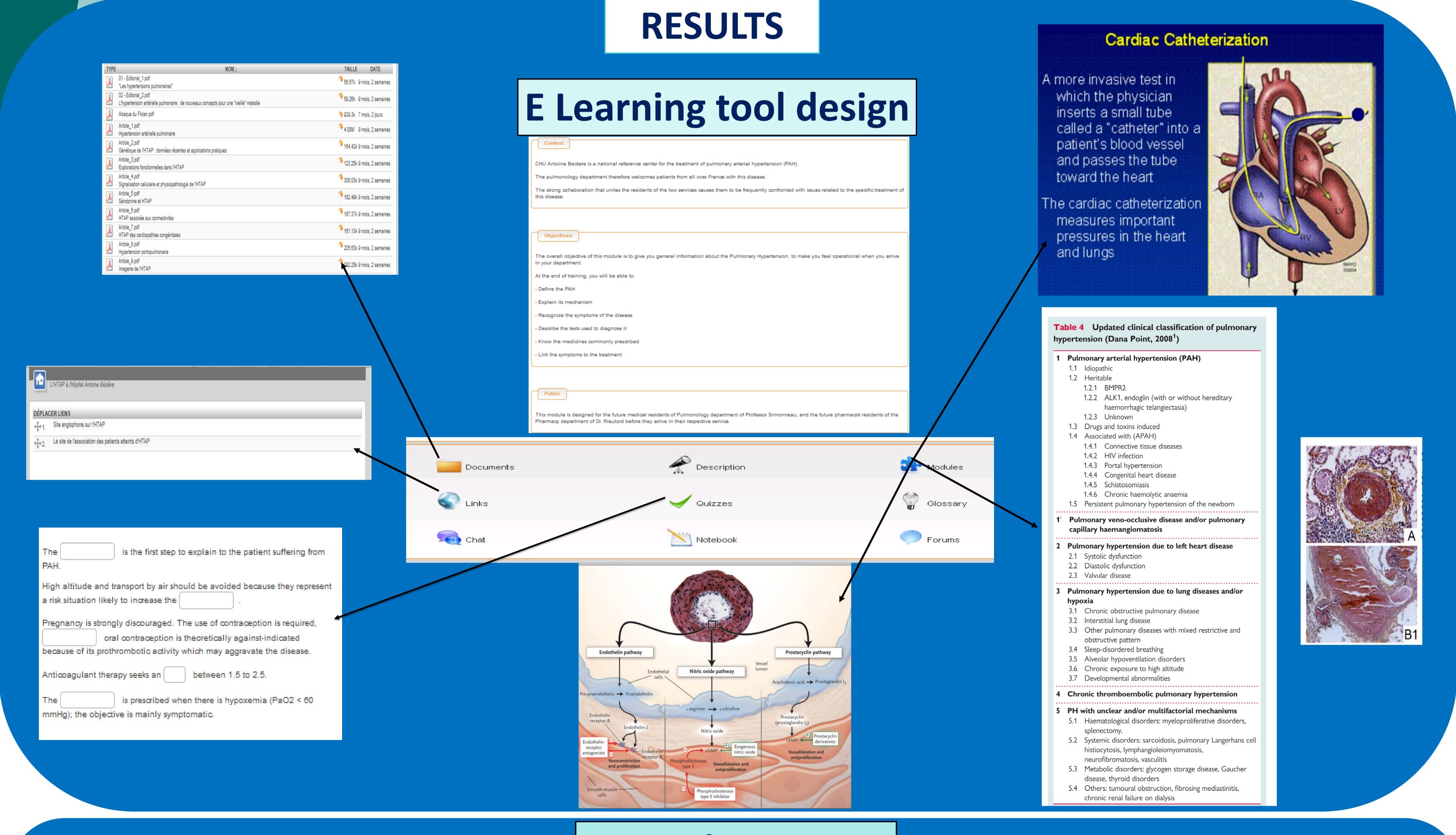
The management of pulmonary hypertension (PH), a rare and complex disease, requires specific knowledge from physician and pharmacist residents. However, the average knowledge of residents about PH is often limited and this lack of specific knowledge at their arrival could influence PH patient care.

## **OBJECTIVE**

To design, implement, assess and evaluate an educative program on pulmonary hypertension for pharmaceutical and medical residents before their arrival, in order to optimize patient care

#### STUDY DESIGN

From February to June 2011, an e-learning program was designed using Learning Management System (LMS) Dokeos. Web accesses were sent to the residents two weeks prior to their arrival. Qualitative evaluation for e-learning was performed by interviewing residents regarding its form and content. An evaluation on the type of formation was also performed during two semesters.



### Evaluation

#### Content

- Relevant and suitable tool regarding pedagogical objectives
- •Flexible: Despite an erratic knowledge on PH, all residents learnt something new
- Interactive tool

#### **Form**

- Clear tool and easy to use
- Learning duration : satisfactory

(100%)

E-learning facilitated resident integration in the pneumology department in 90 % of cases

- All residents were convinced by this type of formation
- •E-learning offers more freedom than a conventional formation

Type of formation

• All residents think that e-learning could be use as a complement of traditional courses

# DISCUSSION - CONCLUSION

The e-learning tool designed in this pilot study by a collaborative pharmacy practice approach improved the resident learning process on PH. Distance learning should be a part of health care professional education in France and could represent in a near future 20-30% of each pharmacist's continuous professional development. As already demonstrated, this paper evidenced the interest of implementing E. learning in association with conventional training.\*

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N°: OHP034

N = 10 residents

6 pneumonologists

4 pharmacists