

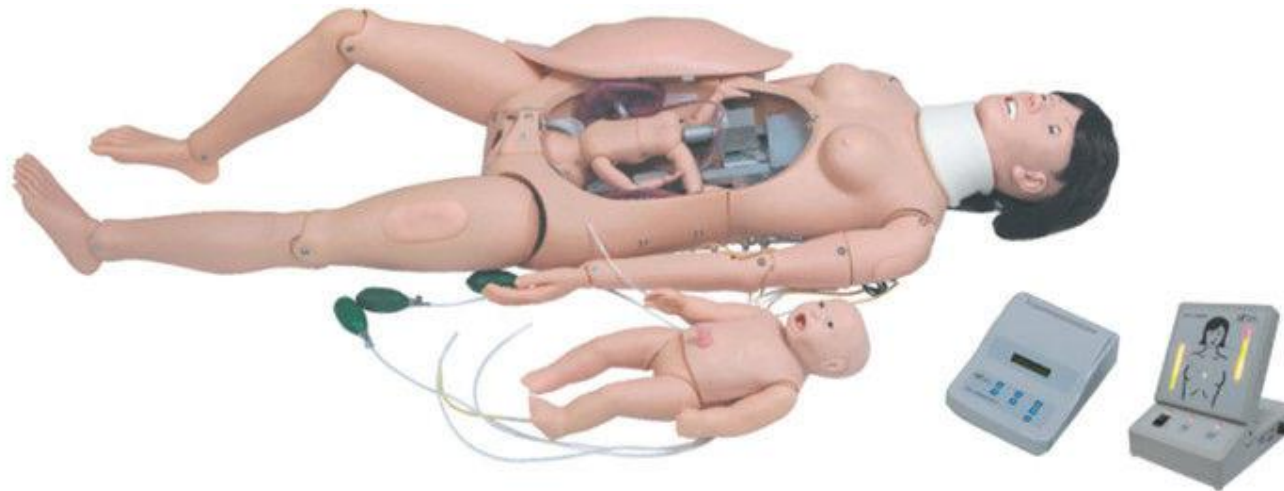
Implementation of the simulation in the maternities of the Réseau Sécurité Naissance (Pays de la Loire - France) and impact of training on the feeling of self-esteem

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Introduction

- Health simulation emerged recently in France and Europe
- Unlike North America where it is much more developed

Appelshaeuser, Thèse, 2014



Introduction

- High Authority of Health

→ state of play of simulation in France in 2012

- 34 simulation centers (public and private) in France
- all with high-fidelity equipment
- but overall, materials and equipment are few and not very diversified



Granry and Moll, HAS, 2012

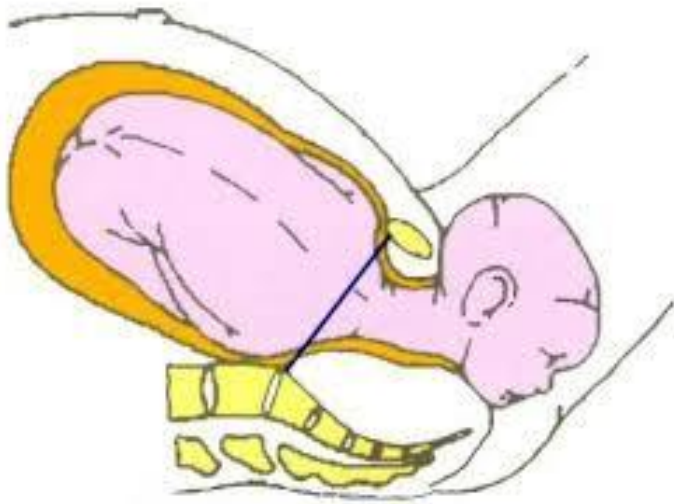
Rapport de mission

État de l'art (national et international)
en matière de pratiques de simulation
dans le domaine de la santé

Dans le cadre du développement professionnel
continu (DPC) et de la prévention des risques
associés aux soins

Introduction

- Several studies → a positive impact of simulation in obstetrics particularly on theoretical knowledge



Raynal, Gynecol Obstet Fertil, 2016

Legendre et al., J Gynecol Obstet Biol Reprod, 2015

The Réseau Sécurité Naissance

- 23 maternities
- Public, private and liberal
- 41,000 births / year



Materials and Methods

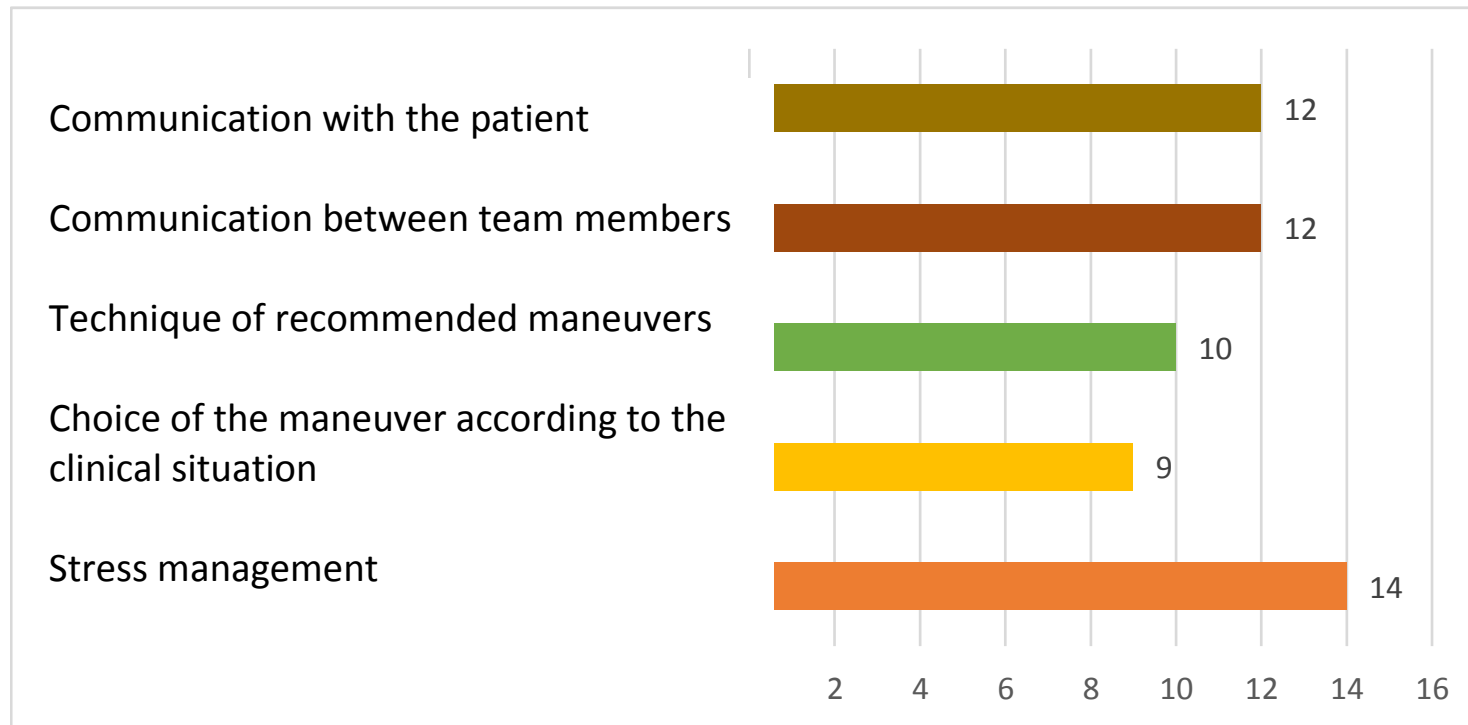
- The professionals concerned are
 - Midwives
 - childcare auxiliaries
 - obstetric teams (resident and senior)
 - anesthesia teams (resident, senior and nurse).
- About 12 learners per session
- Main objective of this study:
 - Evaluate the impact of the obstetric simulation training of the Réseau Sécurité Naissance on the feeling of self-esteem of professionals

Results

- A total of 218 web forms were sent to 31 gynecologists-obstetricians, 159 midwives, 4 anesthetists, 18 nurse anesthetists, 5 nurses and 1 childcare assistant.
- Total of 65 responses (response rate of 30%)
- Positive opinion about the beneficial impact of simulation training on self-esteem for 60 of the 65 professionals

Results

- Of the 21 people who had to face shoulder dystocia since their training, 20 (95%) felt an improvement in their event management practice



Discussion

- Simulation allows a real overall benefit on the management of a dystocia of the shoulders and must encourage training to continue and especially to develop.

Noblot et al., Eur J Obstet Gynecol Reprod Biol, 2015

Discussion

- Since then → a training program called in-situ simulation directly in the maternity services of the Pays de la Loire:



“Red Code at the Maternity hospital”

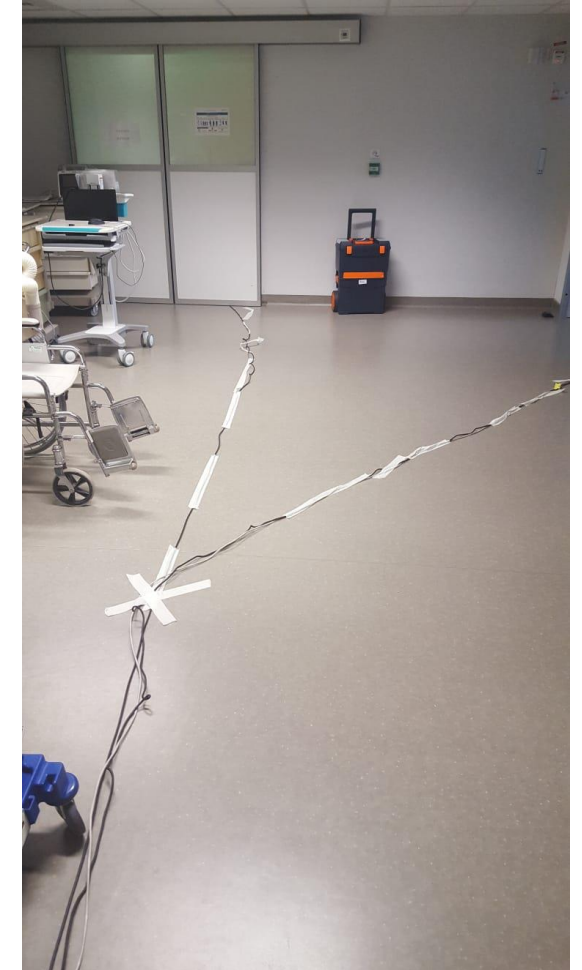


Discussion

- About six training sessions a year
- During two days with 12 professionals



An important logistics...



Team briefing



Our HD mannequin



In situation









Conclusion

- Positive effect of obstetric simulation
 - theoretical and practical knowledge
 - neonatal and maternal morbidity
 - communication in teams
- Our results = beneficial impact of the simulation on professionals feeling of self-esteem in the Pays de la Loire
- Continuation and evaluation of our in-situ simulation program

Thank you :
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Marion Olivier
Emeline Febreau

Thank you for your attention



Nantes



Angers