

IMPROVING THE AVAILABILITY OF QUALIFIED SUPPLY CHAIN MANAGERS

RWANDA - PRE-SERVICE EDUCATION IN SUPPLY CHAIN
MANAGEMENT FOR PHARMACY WORKFORCE

Description of benefits
as well as the process
and challenges of
incorporating supply
chain management into
pre-service education
for health cadres



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Background

Challenges
Strategie
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Benefits/Outcomes
Opportunities

Background

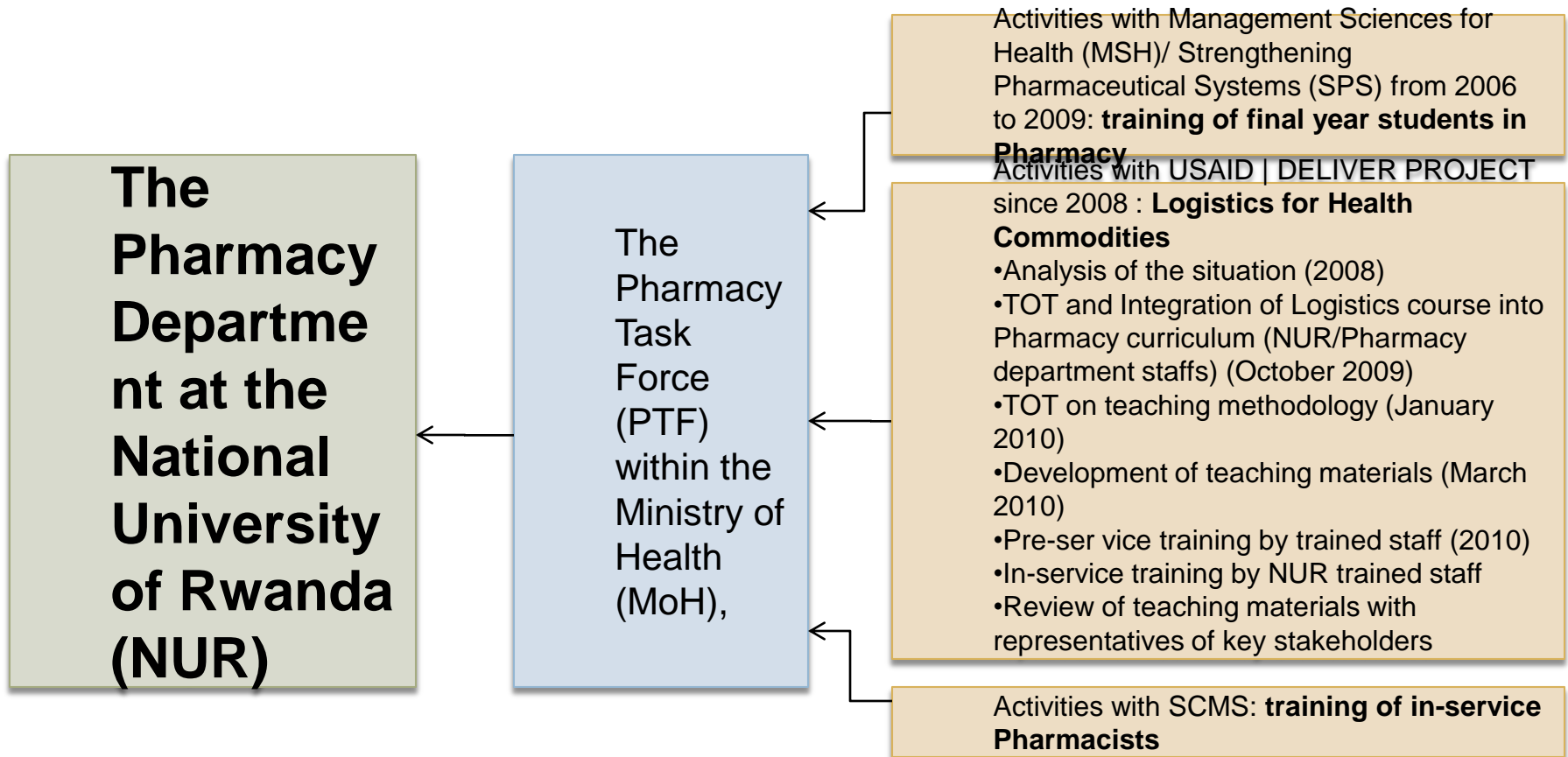
- **Education at NUR**
 - Created in 1963
 - 10,000 students in 2010
 - 6,000 graduates since
 - 12,000 students in 2011
- **Pharmacist degree**
 - Open in 1981
 - 370 students in 2010
 - 401 students with 98 students in year 3 in 2011
- **Background of the problem**
 - Gaps in the Curriculum making it not adapted to the market demand
 - Lack of lecturers trained in supply chain management and teaching materials

CHALLENGES

- ❑ Which institutions can deliver the new course
- ❑ What is the Content and at which level
 - ❑ For Pharmacy students
 - ❑ For Nursing schools students
- ❑ Where to fit the module/course into the Curriculum and validation of the new curriculum,
- ❑ Budget for the training of trainers
 - ❑ In supply chain management content
 - ❑ In teaching methodology
- ❑ Availability of teaching materials
- ❑ Training of pharmacist already in-service

Process/Strategies to address challenges

Several Collaborative Initiatives implemented



NUR Strategies to sustain the training in supply chain management

- Strategies to sustain the logistics PST
 - ▣ Integration of supply chain management course into Pharmacy curriculum (2010),
 - ▣ Training of staffs from Nursing schools (2011),
 - ▣ In service training (since 2010).
- Make available training materials for Pharmacists and Nurses,
- Assist the ministry of health in supply chain management related issues: products selection, annual physical inventories, procurements plan, ...
- Regional Universities cooperatives initiatives

Benefits / Outcomes

- **With the support from USAID | DELIVER PROJECT**
 - **Eight staff members of Pharmacy department have been trained,**
 - **A course named “Logistics for Commodity security has been developed and validated, and the new curriculum has been validated (module of Law-Ethics and Management).**
 - **Training materials (Lecturer guide and students notes) have been developed, reviewed and published in NUR/Pharmacy department library,**
 - **Teaching support materials (1 Laptop, 1 printer, 1 projector, books) have been provided by USAID | DELIVER PROJECT ,**
 - **A total of 303 students (98 students of 2011 academic year and 205 students of 2010 academic year (92 of 3rd year, 77 of 4th year and 36 of fifth year) have already been trained by NUR/Pharmacy staff members,**
 - **All Pharmacists working in the public sector have been trained**
 - **Reports from Clerkship supervisors after the pre-service training have started show that now students are skilled enough in supply chain management.**

Opportunities

- Staff members from five schools of Nursing in Rwanda will be trained by trained staff of Pharmacy department
- A plan is being done to train all pharmacists employed in the private sector in Logistics for Health commodities.
- A short course in Logistics for Health commodities will be organized by the department of Pharmacy in the future.

Conclusion and recommendations

- It took three years to develop training staff and teaching materials. The work is made possible by a good planning and commitment of all stakeholders.
- The support of all partners in public health (including NGOs) is beneficial in providing financial and technical assistance in the management of pharmaceuticals.
- No products no programs. All stakeholders in supply chain management must play their role in a way they ensure strong and sustainable logistics systems.



THANK YOU!

Getting to the National University of Rwanda



Flight to Central East Africa

Drive to the South Province

