

A.P.P.A.[®] Project AID PROGRESS PHARMACIST AGREEMENT (A.P.P.A.[®] onlus)

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The project is the result of a cooperation between Pharmacy Faculty of Turin and local Pharmacists. The target is to study the necessary steps to realize a laboratory to prepare galenics in Developing Countries. The advantages of galenics are essentially two: the possibility to prepare medicinal products with dosage and pharmaceutical forms according to the customer demand and low cost for the production respect to industrial ones.



PROGETTO A.P.P.A.[®]: to realize galenic laboratories in Developing Countries
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AMOXICILLIN						
Medicinal product	Dose/unit	Number of unit per package	Price of market (EUR)	Doses of galenic obtained with same EUR	Increase of available doses spending same amount of EUR	Doses of branded medicinal product bought in Cameroon with an identical value of money
Branded	0,500 g	12	3,14	95	87%	63
	1 g*	12	5,16	76 (156 cps)	85%	51 (103 cps)
Unbranded	0,500 g	12	3,09	93	87%	62
	1 g*	12	4,47	67 (134 cps)	82%	44 (89 cps)

*: the capsules contain 0,5 g of drug each one, dose is 1 g, then 2 cps must be administered

POVIDONE-IODINE					
Medicinal product	Drug/100 ml	Volume	Price of market (EUR)	Increase of available weight spending the same amount of EUR	Weight of galenic obtained with same EUR
Betadine 10%	10 g	1 l	10,50	76%	4 l

CHLORHEXIDINE					
Medicinal product	Drug/100 ml	Volume	Price of market (EUR)	Increase of available weight spending the same amount of EUR	Weight of galenic obtained with same EUR
Corsodyl	0,2 g	150 ml	5,95	60%	740 ml ca

KETOPROFEN 5%					
Medicinal product	Drug/100 g	Col weight for package	Price of market (EUR)	Increase of available weight spending the same amount of EUR	Weight of galenic obtained with same EUR
Branded	5	50 g	6,24	82%	600 g
Unbranded	5	50 g	4,00	87%	385 g

1. Description of the product

The project requires six steps: medical doctor signals the local pathology, pharmaceutical forms will project; a stage at laboratory of pharmacy, for a student of Pharmacy Faculty of Turin; a similar stage for a person coming from medical structure asking galenic laboratory and simultaneously sending of instruments and material for six months production of galenics; start of lab activity coordinated by student and training period for local technicians; quality control of prepared medicinal and additional check in Turin of some sample sent to Pharmacy Faculty; periodical stages for Pharmacy's students to update and to verify the medicinal products production.



2. Innovative aspect of the product

Innovative aspects are linked to the project program structured in six phases; therapeutical choice is made by medical structure of Developing Country and then pharmaceutical forms are proposed - capsules, liquid preparations and ointments -, according to local weather. The cooperation between local Pharmacists and Pharmacy Faculty of Turin permits, during and through experimental thesis, to realize simultaneously more than one project and above all to control and to assure the quality of prepared medicinal products, frequently. The medical structure, to guarantee a continuous production, must use profits coming from galenics sales for implementation of galenic laboratory.

3. Main advantages of the offer

The target of the project is to evaluate, to study and to define necessary steps to realize a galenic laboratory in developing Countries. The advantages of galenics are: the possibility to prepare medicinal products with dosage and pharmaceutical forms according to the customer demand and, of course, to medical prescriptions; low production costs respect to the purchase of industrial medicinal products (FIG 1). Moreover the self-governing galenics production for Developing Countries represents an higher independence and a new "job" acquired.

4. Technology key words

Law for galenics preparation; Quality Control and Assurance; No Profit; Developing Countries.

5. Current Stage of Development

Ready for sale/market; already experimented.

6. Intellectual Property Rights

Copyright protected; Partnership/other contractual agreements

CONTACT

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