



Objectives of ANF Web site

- ↓ to promote awareness of ANF activities
- ↓ to disseminate ANF policy and scientific/technical information.
- ↓ to expand access to ANF information to ANF Member States and worldwide.
- ↓ to increase efficiency and cut costs in producing and distributing information.
- ↓ to link information from various ANF sources and another relevant scientific institutions worldwide, with specific emphasis on information resources in the Region.
- ↓ to provide information to the parents about the health care of the newborn.

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Categories of information on the site

- ↓ **ANF policy** is provided through the secretary general's reports or meeting recommendations.
- ↓ **Forms of scientific and technical information**
 - Peer revised topics sent by members of ANF.
 - Link to scientific information at different institutions worldwide concerned with neonatal care.
 - Papers presented at scientific meeting organized by the ANF.
 - News from the regions especially involving CME (e.g conferences, workshop, training courses – etc).
- ↓ A special corner **for parents** published in arabic to help caring of the mother and their babies.

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How to keep this site alive?

- ↓ Regular updating and periodic revision of information.
- ↓ The contribution of every one concerning with the neonatal care in the Arab region.
- ↓ Publishing of scientific peer revised topics on the web.
- ↓ An up-to-date directory of Arab neonatologists working inside or outside the Arab region.
- ↓ Some documents will be retained for long period or be permanent, such as historical and policy documents, topical reports, statistics and commonly requested materials.

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Site Creation

- ↓ Editor.
- ↓ Reviewer.
- ↓ Sponsored by **Fresinius Kabi Company.**

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Future Steps:

- ↓ Arab Child Journal online
- ↓ Other specialties journals online
- ↓ Directory for Arab general pediatricians and subspecialists all over the world.
- ↓ Closed Board meeting online
- ↓ Agenda, Minutes and Recommendations of meetings.

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Future Steps:

(cont.)

- ↓ Single window to look at trusted health news in our regions.
- ↓ CME activities e.g. Conferences in the region.
- ↓ Exchange Fellow program.
- ↓ Exchange Medical student training program.
- ↓ Awards and scholarships.

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Future Steps:

(cont.)

- ↓ Way of communication with the international organization e.g. WHO, UNICEF
- ↓ Way of communication with the international hospitals e.g. Gaslini Hospital
- ↓ Way of communication with IPA
- ↓ Way to express and defeat ourselves

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Site Maintenance

- ↓ Editorial Board.
- ↓ Reviewers.
- ↓ Site promotion
- ↓ Financial support.

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Site Maintenance Reviewers

- ↓ To accept revision of scientific articles (peer reviewed)
- ↓ Bilingual revision is required when needed.
- ↓ To communicate through the internet.

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Site Maintenance

Editorial Board

- ↓ Interested members.
- ↓ Different skills.
- ↓ Academic activity.
- ↓ Like editorial board of any journal

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Site Maintenance

Site promotion

- ↓ Mark it as your home page.
- ↓ Add it to your Favorite link.
- ↓ Add its Link to your institution's links.
- ↓ Tell your colleagues and students about it.
- ↓ Send its link to your mailing list.
- ↓ Encourage the specialists to register and sign the guest book.
- ↓ Do not forget to tell your patients and families.

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E8

WORKSHOP VIII

Site Maintenance

Financial Support

↓ **Organizations' Support.**

↓ **Donation** in exchange of Advertisements for

- Pharmaceutical companies.
- Medical equipment
- Hospitals.
- Private medical institutions.
- Baby's products companies.
- Conferences.
- Medical and Children's Books

www.arabneonate.org

www.arabpediatricians.org

www.arabneonate.org

www.arabped_cardiologists.org

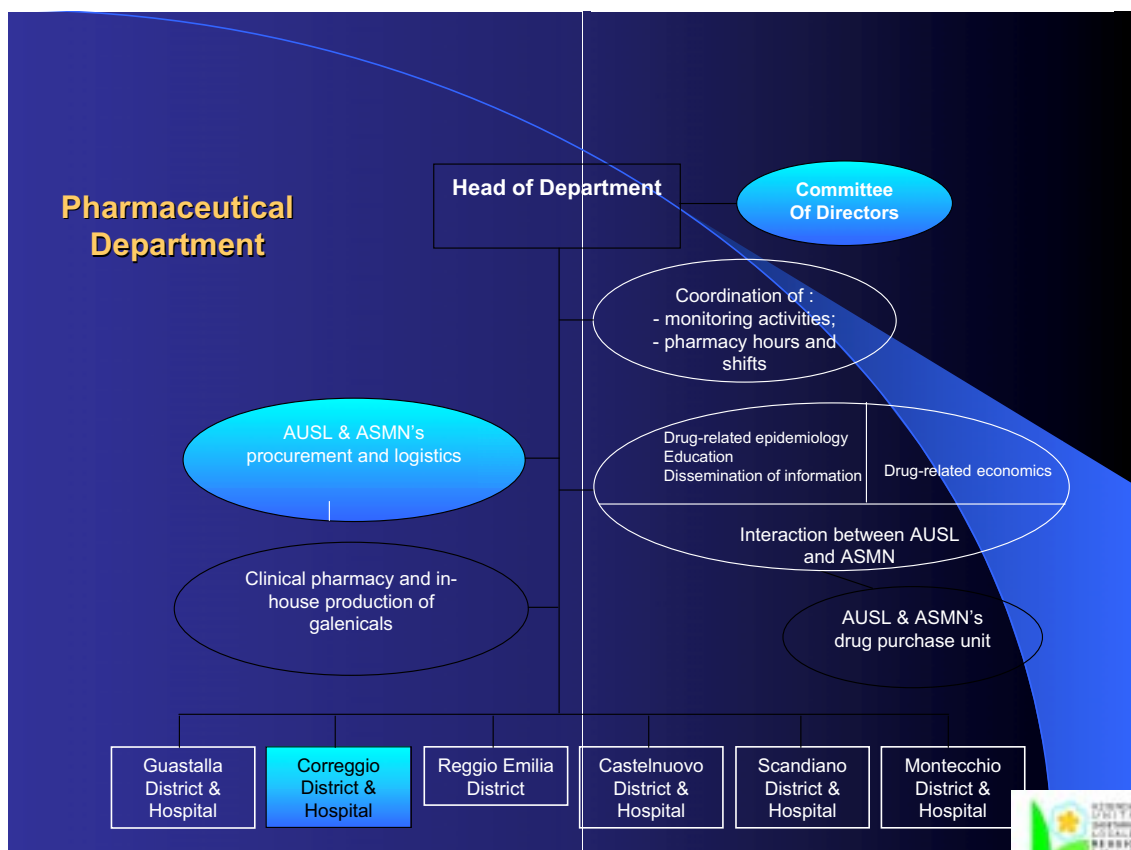
www.arabped_neurologists.org

www.arabped_gastroenterologists.org

www.arabneonate.org

Drug Supply and e-Prescribing. A Hospital Drug Distribution Model

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Pharma Project
Genova - January 8, 2004



Pharma Project

- ✓ European Project for the re-organisation of pharmaceutical assistance based on the unit-dose concept and e-prescribing
- ✓ The process involves the whole cycle of patient care: organisation, management, prescription, administration of drug therapies



Automation, Information Technology and Unit Dose

Make drug management and drug administration

- ✓ Safer for patients
- ✓ More efficient and economical for the public health system



Objectives of the Process

1. Reducing medication errors
2. Keeping track of drug flow from prescription to administration
3. Cutting drug costs
4. Improving the use of hospital staff
5. Guaranteeing the continuity of care after de-hospitalisation



1. Medication Errors

“Difficult-to-read and incomplete handwritten prescriptions are still a big problem for the Public Health System, which can increase the risk of medication errors and cause severe damage to patients”



1. Medication errors

- Medication errors harm patients and cause huge costs.
- They can occur at every step of the drug management process:

1. Prescription
2. Transcription
3. Therapy preparation
4. Distribution
5. Administration



1. Medication errors

Critical steps	Solution
Prescription	Prescription software Physicians can pick drugs from the Admissible-Drug List (PTO) and become aware of drug interactions. They can also quickly review patient's present and past therapies. All the patient's therapies, both current and already fulfilled, can be checked through the Prescription Software. Drugs can be combined according to accepted guidelines.
Transcription	Prescription software Nurses no longer need to copy prescriptions on their notebooks : thus this time-wasting and error prone step is eliminated.
Therapy preparation and distribution	Therapies are hand-prepared and double-checked in pharmacies Specific process automation Many preparation/administration errors are caused by a lack of check system. Double checks can considerably reduce errors. Specific process automation does away with nurse intervention in routine steps of the operational process, which is usually a source of errors. However, nurses are involved in all the check phases.
Administration	User-friendly administration Nurses are provided with Unit Doses by the Hospital Pharmacy. The Prescription Software produces a prescription form, where drug administration schedules are established.



1. Medication errors

The study of drug management in hospital wards

- Blind observation of administration procedures and reporting methods:
 - drugs provided to patients (dosage, posology, form, etc.)
 - patients
 - administration times
- Comparison of therapies reported in nurses' notebooks with clinical charts

Before we started using Unit Doses and the Prescription Software

Error rate  4,4 %

After we started using Unit Doses and the Prescription Software

Error rate  0,12 %



2. Keeping Track of Drug Flow from Prescription to Administration Prescription Software

- ✓ The Prescription Software is a Web Software and can be used both on the Intranet and on the Extranet
- ✓ It interfaces:
 - Hospital ADT software
 - Hospital Pharmacy's management procedures
 - Automated stocking and distribution system
- ✓ It uses the Farmadati database (posology, form, interactions, etc.) and the Hospital Pharmacy database (Admissible-Drug List – “PTO”)

