



Global  
Antibiotic  
Resistance  
Partnership

CDDEP THE CENTER FOR  
Disease Dynamics,  
Economics & Policy  
WASHINGTON DC • NEW DELHI

# ANTIBIOTIC

# SENSITIVITY TESTING

# STUDY

SUPPORTED by Swedish  
International Developing Agency (S.  
I.D.A.)/MoH

# HISTORY

## CHAIRPERSONS

Assoc. Prof. <b>V.V. NGŨ</b>	Head, Dept. of Medical Microbiologies, BACHMAI Hospital	2/1988 – 9/1988
Assoc. Prof. <b>N.H. HÔNG</b>	- Head, Dept. of Organi. & Staff, MoH - Head, Dept. of Microbiology, H. M.C	10/1988 – 6/1996
Professor <b>L.Đ. HÀ</b>	- Director, NICRTM - Head, Dept. Infectious Diseases, H.M.C	7/1996 – 3/2005
Assoc. Prof. <b>N. Đ. HIỀN</b>	Director, NICRTM	4/2005 - ???

# Secretaries

<b>P.V. CA, M.D.</b> (Assoc. Prof., Ph. D.)	Dept. of Medical Microbiology, BACHMAI Hospital	9/1988 – 11/2005
<b>N.T. VINH, Ph.D.</b> (Assoc. Prof.)	Lecturer, Dept. of Microbiology, HANOI M.C.	1/1992 – 12/1994
<b>L.V. PHÙNG, M. D., Ph.D.</b> (Assoc. Prof.)	Lecturer, Dept. of Microbiology, HANOI M.C.	1/1995 – 12/1996

# Periods

<b>Antibiotic Sensitivity Testing Study (ASTS)</b>	Belong to Dept. of Therapy, MoH  (9 units: Bachmai, Saint-Paul, Thanhnhhan (HANOI), Quangninh, Uongbi, Haiphong, Thaibinh, Thanhhoa Hospital & Hanoi Medical College.	10/1988 – 6/1990
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# National Programme for Surveillance in Antimicrobial Resistance (NPSAR)

Belong to Dept. of Pharmaceutical, MoH  
(Add.: Army Central Hospital, Police Central  
Hospital, Friendship Hospital, Vietnam-  
Germany Hospital, M & N Hospital, T & L  
Institute and Provincial Hospitals: Habac,  
Thainguyen, Vinhphu, Thua thien-Hue,  
Quang Nam-Danang & Binhdin)

7/1990 –  
12/1992

# NPSAR

Belong to Dept. of Pharmaceutical, MoH  
(Add.: Highland Institute for E. & H.,  
Pasteur HCM Institute, Choray Hospital,  
HCM Center for Tropical-Infectious  
Diseases, No. 1 & No. 2 Children HCM  
Hospital, and Provincial Hospitals:  
Khanhhoa, Dongnai, Dongthap

1/1993 –  
12/2003  
Area  
Drug  
Policy  
& Control

# NPSAR

**Working group to develop action plans to use ASTS information to improve antibiotic prescribing and use:**

- Working group to develop annual action plan**
- Monitoring activities of microbiology laboratories (ASTS members)**
- Collect AMR results, edit information, prepare report, and publish in “Clinical pharmacy Bulletins and other professional journals**

**1/04 – 12/05  
Drug  
Management  
Component  
(DMC) – DMC2**

# Activities

1- Uniform techniques in isolated bacteria and susceptibility testing.

2- Isolate and determine the normal bacteria caused infectious diseases **in-patients & out-patients** in the hospital: *S. aureus*, *E. coli*, *Salmonella*, *Shigella*, other *Enterobacteriaceae*, *S. pyogenes*, *S. pneumoniae*, *H. influenzae*, *Enterococcus* and *P. aeruginosa* in **all specimens**; and their **antimicrobial resistant** situations.



# Activities

- 3- Isolate and Determine the pathogenic carriers in healthy children **in communities** (nasal *S. pneumoniae*, nasal *H. influenzae*, rectal *E. coli*, oral *S. aureus*), and their antibiotic sensitivity pattern.
- 4- **MRSA, ESBL** and **VRE**.
- 5- Use **safe & rational** antibiotics.

# Results

- 9 training courses for **205 bacteriologists and technicians** in the all provincial hospitals.
- Issued **6 research yearbooks** in 1992, 1994, 1995, 1997, 1999 and 2001.
- Published and gave free **12 journals** with nearly **40,000 copies** of “Information in Antimicrobial Resistance of Pathogenous Agents” for the dictrict doctors in the country.

# Results

- Send 10 reports to WHO/Western Pacific Regional Office.
- Attended 2 International Congress on Infectious Diseases (1994, 2003).
- 3 Ph.D. (Phuong, Ca, Xuan) & 7 M. Sc.

**Thank for Your Attention!**