

Bandung, 28 February 2014

No : 10/ISPST-FFUP/III/2014
Subject : Invitation as Speaker in the Forthcoming ISPST 2014

Dr.rer.nat. I Made Agus Gelgel Wirasuta

Head of Department of Pharmacy
Faculty of Pharmacy
Universitas Udayana

Dear **Dr.rer.nat. I Made Agus Gelgel Wirasuta**

On behalf of the Committee of International Seminar Pharmaceutical Science and Technology (ISPST 2014), we cordially invite you to attend ISPST 2014, which will be held on September 18th and 19th 2014 in Jatinangor, a city is close to Bandung, West Java, Indonesia.

We would welcome a special topic from you, especially about **Forensic Analysis** which we believe is in your area of expertise.

Due to our limited budget we could not support any travel fares, however, in recognition to your contribution, we shall waive the conference fee and provide full hospitality during the seminar, including local transportation and hotel.

We will be waiting for the abstract of your talk soon.
Please do not hesitate to contact us for any additional information.

Thank you very much and looking forward to see you in Jatinangor.
With kindest regards,



Dr. Jutti Levita
Chairman of ISPST 2014

ISPST 2014 Secretariate
Faculty of Pharmacy, Universitas Padjadjaran
Telephone: +62 22 7796200, Fax: +62 22 7796200, E-mail: ispst@unpad.ac.id

The Understanding of Forensic Pharmacy For A legalistic and safety Practical Pharmacist

Dr.rer.nat. I Made Agus Gelgel Wirasuta, M.Si. Apt.

Pharmacy Department of Faculty Mathematic and Basic Sciences Udayana University.

Abstract

The Indonesian pharmaceutical practice Act “PP 51 (2009)” is a basic law for pharmacist to do their practice in four mains field units, such as: supplying, production, distribution and caring. The pharmaceutical job desks on every field units are strictly regulated with other pharmaceutical regulations. The objectives of Indonesian pharmaceutical laws are to protect patients or society safety concerting to the pharmaceutical products and caring, to maintain and enhancing the quality of the pharmaceutical products and caring, and to insurance the pharmacist and society on law enforce. Just the registered pharmacists are allowed to do the pharmaceutical practice in Indonesia. This register (STRA) should be renewed on very five years. One articles of regulation for renewing STRA says that, the registration will be postponed or not allowed if the pharmacist proven to breach the Indonesian pharmaceutical laws. Better understanding of pharmaceutical job desk according to the regulation could be guaranty for better and safety practical pharmacist. The forensic pharmacy introduces an application of the pharmaceutical sciences on the regulation and governs the pharmacist to better and safety practice. Forensic pharmacists also engage in professional work relating to litigation, the regulatory process, or the criminal justice system.



The Understanding of Forensic Pharmacy is for A legal and safe Pharmacy-Practice

*Dr.rer.nat. I Made Agus Gelgel Wirasuta, M.Si. Apt.
Pharmacy Department of Faculty Mathematic and
Basic Sciences Udayana University*

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND
TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014




Indonesian Pharmacy Practice Regulation

UU Kesehatan No 36/2009, psl 108

- Production, distribution and dispensing of drug
- Production of cosmetic and herbal remedies
- Quality Control of health device
- PharmCare: MTM, C&D, KIE, Monitoring Therapy

Domain of Pharmacist and their Technicians


PP 51 / 2009
Indonesian Government Regulation for Practical Pharmacy



Forensic Pharmacy

- Application of pharmaceutical sciences into the legal issues
- Pharmaceutical Sciences
 - Drugs Sciences
 - Drug production
 - Cosmetic production
 - Drug distribution
 - Medication Sciences
 - Drug delivery system
 - Pharmaceutical Care

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND
TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014




THEORETICAL ASPECT: PHARMACIST PARTICIPATION

Legal aspect of pharmacy practice

- Definition of pharmaceutical practice on
 - manufacture of pharmaceutical products including quality control /assurance and safety on supplying, storage and distribution, medication management, pharmacy services, servicing over prescription, drug information services, as well as development of drug, their substance and ingredient, and traditional medicine (*PP 51 th 2009*)


INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND
TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014



Pharmaceutical Regulation / Jurisprudence

- Every Regulation, which related and regulated of drug, medication and practical Pharmacist
 - Describe the job desk and legal responsibilities of Pharmacist

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND
TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014



THEORETICAL ASPECT: PHARMACIST PARTICIPATION

LEGAL ASPECT OF PHARMACY PRACTICE

- The aims
 - **provide protection** to patients and the society in obtaining and / or determine the pharmaceutical products and pharmacy services
 - **maintaining and improving the quality** of pharmacy practice according to the upgrading science and technology as well as their regulations
 - **provide role of law** for patients, society as well as pharmacists and pharmacy technicians

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND
TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Indonesian Pharmaceutical Practice Based on PP 51 (2009) Act

- Field of practice (section 2(1), 5)
 - Supplying of pharmaceutical unit
 - Manufacture/Production of pharmaceutical unit
 - Distribution of pharmaceutical unit
 - Pharmaceutical services unit

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist on Supplying

Ensure the safety, quality and efficacy

- Pharmaceutical Industry
 - **Ensure the availability** of raw materials or packaging materials of medicine production
- Distribution Unit
- Service Unit
 - Maintain supply of essential medicine

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Indonesian Pharmaceutical Practice Based on PP 51 (2009) Act

- Apothecaries as professional and legal responsibilities on
 - Pharmaceutical manufacture
 - Pharmaceutical distribution
 - Pharmaceutical services
- Pharmaceutical practices based on National Act or Role
 - How to do and
 - Negligence of role/Act → **Forensic Pharmacy**

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist on Production

- Manufacture/Production of pharmaceutical unit:
 - Manufacture of medicinal product
 - Manufacture of herbal remedies / traditional medicine
 - Manufacture of cosmetic product
- Apothecary as professional and legal responsibilities (section 9, PP 51 (2009))
- Forensic issue
 - Under Standard Medicinal Products
 - Fraud and White Collar Crime
 - Adding medicine compound into traditional medicine
 - Adding non-allowed chemical substance into cosmetic product
 - Pricing of medicinal Goods (fee marketing for physician)
 - Neglecting responsibilities

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Rule of Forensic Pharmacy

- Pharmacy Practice lawful
 - Introduce how to elaborate the principal task and legal responsibilities of Pharmacist from regulation
 - Seek and find out
 - How to do the task properly according to pharmaceutical sciences
 - How to implementing the pharmaceutical sciences to them
 - Avoid to break the regulation

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist on Production

- Ensure on implementing
 - GMP (drug, herbal remedies, cosmetic)
 - GLP (QC/QA)
 - ISO
- **Ensure the safety, quality and efficacy**

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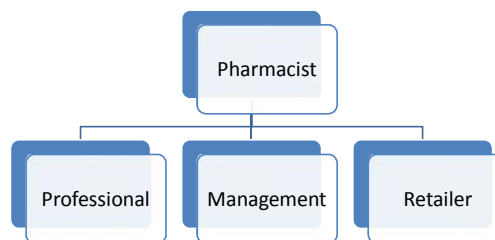
Principle Task on Pharmaceutical Distribution

- Sale of medicinal Products or Medicinal Compound do by "Pedangan Besar Farmasi (PBF)
 - Wholesale
 - Retail to Pharmacy (Apotek), Drugstore, Hospital
- Apothecary as professional and legal responsibilities (section 14 (2))
 - Good Distribution Practice "GDP" (Section 15)
 - SK KaBPOM No : HK 00.05.3.2522 Th 2003
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- Forensic issue
 - Illegal distribution (on line shop)
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 - Drug dispensing by not professional pharmacist
 - Neglecting responsibilities

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist in Community Pharmacy

- KepMenKes 1027 th 2004 Standar Pelayanan Kefarmasian di Apotek



INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist in Pharmaceutical services

- Pharmaceutical services unit (Section 19)
 - Pharmacy (apotek)
 - Hospital pharmacy
 - Puskesmas (government Clinic)
 - Private clinic
 - Drugstore
- Apothecary
 - Pharmaceutical care (section 21, 22, 24)
 - Clinical Pharmacy & Pharmacy Community
 - Drug dispensing (Section 21 (1), 24 (c))
 - Auditing of Rational use of drug and Pharmacoecconomy (section 24, 31)

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist in Community Pharmacy

KepMenKes 1027 th 2004 PharmCare in Community Pharmacy

- 1) Screening of Prescription.
 - Assessment:
 - Administration, Pharmaceutic, Clinical aspect
 - Realize Rational use of drug
- 2) Compounding.
- 3) Dispensing
- 4) Drug Education and Information
- 5) Consoling
- 6) Patient Medication Record
- 7) Monitoring of the medication
- 8) Home Care

PP 51/2009 obligatory do by pharmacist

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist in Hospital Pharmacy

- KepMenKes no 1197/MENKES/SK/X/2004 tentang Standar Pelayanan Rumah Sakit
 - Clinical Pharmacy Practice: a responsible and professional approach of *PharmCare* to ensuring the use of drugs and medical devices in accordance with the indications, effective, safe, and affordable.
 - Goal of this practice:
 - **to prevent** drug misuse, drug overuse, drug abuse, and ADR / medication error

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Principle Task of Pharmacist in Private Clinic

PerMenKesRI NO 028/MENKES/PER/1/2011 Private Clinic

- Pharmaceutical service
 - PharmCare
 - Clinical Pharmacy

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Indonesian Pharmaceutical Practice Based on PP 51 (2009) Act

- Register Pharmacist (Surat Tanda Register Apoteker "STRA") (Section 39 (2))
- License pharmaceutical Practice (section 52 (2))
 - SIK (Surat ijin Kerja) is license for apothecaries, who do their pharmaceutical practice in production and distribution unit
 - SIPA (Surat ijin Praktek Apoteker) is license for apothecaries, who do their pharmaceutical practice in Pharmaceutical service:
 - Community pharmacist
 - Clinical pharmacist

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Rule of Forensic Pharmacy

- Forensic Expert involved in
 - Pharmacy Malpractice
 - Malpractice of Other Health Professionals
 - Effects of Drugs on Defendants
 - Effects of Drugs on Victims
 - Fraud and White Collar Crime
 - Unlabeled uses of medications
 - Death Investigation

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

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- Revoked of License
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 - No longer meet the physical and mentally requirements to run a pharmacy practice
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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Forensic Pharmacy Job Description and Careers in USA

- Experts in this area, known as *Forensic Pharmacists*,
 - consulted about a number of issues involving drugs and medications
 - medication errors
 - prescription forgery
 - policies and procedures for the dispensation of drugs
 - violations of FDA regulations
 - product tampering
 - drug patents
 - insurance fraud
 - workers compensation claims
 - use of drugs or alcohol in car accidents or violent actions
 - legal and illegal pharmaceutical evidence in criminal investigations
 - use of abused drugs in the workplace
 - professional malpractice
 - quackery and health care fraud
- Forensic Pharmacists perform
 - such general litigation support tasks as analyzing,
 - evaluating cases to helping lawyers to determine the facts of a case, gathering evidence, interviewing witnesses, formulating lists of questions that lawyers would ask witnesses, and so on
 - may assist and educate attorneys by addressing forensic topics.
 - may assist with written reports, depositions, and document reviews

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Control of Pharmacy Practice

- Cooperation between
 - Government and Indonesian Pharmacist Association (IAI)
- IAI
 - MEDAI (Majelis Etik dan Disiplin Apoteker Indonesia)

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

Conclusion

- Better understanding of principal task pharmacy practice
- Forensic pharmacy introduces an application of the pharmaceutical sciences to the regulation and governs the pharmacist to better and safety practice.
- Forensic pharmacists also engage in professional work relating to litigation, the regulatory process, or the criminal justice system.

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATINANGOR, 16 th-19 th SEPTEMBER 2014

The Understanding of Forensic Pharmacy For A legalistic and safety Practical Pharmacist

by Gelgel Wirasuta

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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND
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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND
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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATIMANGROK, 16-19-19 SEPTEMBER 2014

Principle Task of Pharmacist in Community Pharmacy

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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATIMANGROK, 16-19-19 SEPTEMBER 2014

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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATIMANGROK, 16-19-19 SEPTEMBER 2014

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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATIMANGROK, 16-19-19 SEPTEMBER 2014

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 - insurance fraud
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 - use of drugs or alcohol in car accidents or violent actions
 - legal and legal pharmaceutical evidence in criminal investigations
 - use of abused drugs in the workplace
 - professional malpractice
 - factory and pharmacy fraud
- Forensic pharmacists perform
 - such general litigation support tasks as analyzing
 - litigation cases to help lawyers to determine the facts of a case, gathering evidence, interviewing witnesses, formulating lists of questions that lawyers would ask witnesses, and so on
 - assist and educate attorneys by addressing forensic topics,
 - may assist with written reports, depositions, and document reviews

INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATIMANGROK, 16-19-19 SEPTEMBER 2014

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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATIMANGROK, 16-19-19 SEPTEMBER 2014

Conclusion

- Better understanding of principal task pharmacy practice
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INTERNATIONAL SEMINAR PHARMACEUTICAL SCIENCES AND TECHNOLOGY, JATIMANGROK, 16-19-19 SEPTEMBER 2014

The Understanding of Forensic Pharmacy For A legalistic and safety Practical Pharmacist

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*International Seminar on
Pharmaceutical Science and Technology*



Organized by:
Faculty of Pharmacy Universitas Padjadjaran
Bandung, Jatinangor, West Java, Indonesia
September 16th-19th, 2014

Abstracts & Programs

In collaboration with:



Contents

➤ Preface from Chairman of the Organizing Committee	8
➤ Welcome Speech from Dean of Faculty of Pharmacy Universitas Padjadjaran.....	9
➤ Opening Remarks from Rector of Universitas Padjadjaran	10
➤ Committee.....	11
➤ Scientific Programs and Schedule:	
• Workshop.....	12
• Seminar.....	13
• Paralel Session.....	14
➤ Invited Speakers:	
• <i>IN SILICO</i> PHARMACOLOGY: FROM STRUCTURE-ACTIVITY RELATIONSHIPS TO MOLECULAR SIMULATIONS AND STRUCTURE-BASED DRUG DESIGN Prof. Federico Gago (Spain)	16
• ACTION OF ETHANOL ON THE NICOTINIC ACETYLCHOLINE RECEPTOR: A MOLECULAR-DYNAMICS SIMULATION CONTRIBUTION TO ALCOHOLISM RESEARCH Prof. Herbert M. Urbassek (Germany)	17
• FEATURE-BASED PHARMACOPHORES: EFFICIENT TOOLS FOR MEDICINAL CHEMISTRY DECISION SUPPORT Prof. Thierry Langer (Austria)	18
• THE ROLE OF BIOANALYTICAL METHOD DEVELOPMENT AND ITS VALIDATION IN CONDUCTING BIOEQUIVALENCE STUDY Prof. Yahdiana Harahap (Indonesia).....	19
• COMPUTATIONAL APPROACHES IN DESIGNING PROTEIN FOR SPECIFIC TARGETS : BINDING OF ANKYRIN TO DENV2 ENVELOPE PROTEIN Prof. Sharifuddin M. Zain (Malaysia).....	20
• Prof. Dr. Habibah A. Wahab (Malaysia)	21
• THE ROLE OF COMMUNITY PHARMACY IN THE MANAGEMENT OF SUBSTANCE MISUSE AND DEPENDENCE Assoc. Prof. Janie Sheridan (New Zealand).....	22
• NATURALLY OCCURRING FOOD COLORANTS AND NATURAL FOOD COLORANTS APPLIED AS FOOD ADDITIVES PROBIOTICS: A NATURAL PRODUCT FOR HUMAN HEALTH Assoc. Prof. Dr. rer. nat. Rahmana Emran (Indonesia).....	23
• PROBIOTICS: A NATURAL PRODUCT FOR HUMAN HEALTH Assoc. Prof. Min-Tze LIONG (Malaysia).....	24
• A NOVEL CHEMICAL DESIGN OF GA-67/68 LABELED PROBES BASED ON CHELATION-MEDIATED MULTIVALENCY TO ENHANCE TARGET ACCUMULATION Assoc. Prof. Tomoya Uehara (Japan).....	25
• THE UNDERSTANDING OF FORENSIC PHARMACY FOR A LEGALISTIC AND SAFETY PRACTICAL PHARMACIST Dr.rer.nat. I Made Agus Gelgel Wirasuta (Indonesia).....	26
• UTILISATION OF BIOINFORMATICS IN PHARMACEUTICAL SCIENCES: EXAMPLE IN SEARCHING FOR ANTI-TOXOPLASMA, ANTI-HIV AND ANTI-HYPERTENSIVE INHIBITORS Dr. Wai Keat Yam (Malaysia)	27
• ADVANCED PHARMACOPHORES IN DRUG DISCOVERY Dr. Sharon D. Bryant (Austria)	28



Dr. rer.nat I Made Agus Gelgel Wirasuta (Indonesia)

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THE UNDERSTANDING OF FORENSIC PHARMACY FOR A LEGALISTIC AND SAFETY PRACTICAL PHARMACIST

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ABSTRACT

The Indonesian pharmaceutical practice Act "PP 51 (2009)" is a basic law for pharmacist to do their practice in four mains field units, such as: supplying, production, distribution and caring. The pharmaceutical job desks on every field units are strictly regulated with other pharmaceutical regulations. The objectives of Indonesian pharmaceutical laws are to protect patients or society safety concerting to the pharmaceutical products and caring, to maintain and enhancing the quality of the pharmaceutical products and caring, and to insurance the pharmacist and society on law enforce. Just the registered pharmacists are allowed to do the pharmaceutical practice in Indonesia. This register (STRA) should be renewed on very five years. One articles of regulation for renewing STRA says that, the registration will be postponed or not allowed if the pharmacist proven to breach the Indonesian pharmaceutical laws. Better understanding of pharmaceutical job desk according to the regulation could be guaranty for better and safety practical pharmacist. The forensic pharmacy introduces an application of the pharmaceutical sciences on the regulation and governs the pharmacist to better and safety practice. Forensic pharmacists also engage in professional work relating to litigation, the regulatory process, or the criminal justice system.

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