



SREE DATTHA INSTITUTE OF PHARMACY

(Approved by AICTE & PCI, New Delhi, Affiliated to JNTU, Hyderabad)

Sagar Road, Sheriguda, Ibrahimpatnam, R.R.Dist.-501510

Ph.:08414-202206, 320919, 9393808082

www.sreedattha.org, E-mail: principalsdip@sreedattha.ac.in

College Code: SDIP

Institutional Best Practice - I

1. **Title of Practice:** Hospital and Clinical Training for Second, Third and Fourth year Pharm.D and First Year Pharm.D(PB) students.
2. **Objectives:** In abroad countries, Pharm.D is a first professional degree, and a prerequisite for licensing to practice the profession of pharmacy or to become a Clinical pharmacist. Pharm.D program has significant experiential or clinical education components in introductory and advanced levels for the safe and effective use of drugs. Pharm-D and Pharm-D (PB) students are to be given full exposure to the clinical services at Hospital. Hence, Hospital and Clinical Training is planned from Second year onwards for Pharm.D so that they are well versed with the hospital activities from fifth year onwards.
3. **Context:** The efficiency required to execute the clinical services for patients needs through understanding of the subject. At times, it is also seen that, the physicians do not allow Pharm.D graduates to directly interact with the patients. Hence, in order to overcome this problem, student groups are made and assigned to a particular physician taking prior permission of the physician. The students go along with the physician for ward rounds and involve in the routine duties done by the physician. Slowly, the students start understanding the procedure of ward rounds, the activities done during the ward rounds, case history discussion and patient counseling. Further, the students are made to involve in discussion with physician, nurse and other para-medical staff in order to understand the case better.
4. **Practice:** Second Pharm.D students are deputed to the hospital on every Saturday, Third Pharm.D students are deputed to the hospital on every Friday and Fourth year Pharm.D and First Year Pharm.D(PB) students are deputed to the hospital of every Wednesday and Thursday. Basically, the students clinical practice include Prescription review, Patient counseling, case history review, case presentation, drug information services, ward round participation etc.
5. **Evidence of Success:** The Hospital and Clinical Training practice what we are following for Second, Third and Fourth year Pharm.D and First Year Pharm.D(PB) students is enriching the knowledge of the students. The fear factor among the students is drastically reduced when they



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come to fifth year as they are already acquainted with the routine hospital procedure and clinical services. In fifth year Pharm.D and second year Pharm.D(PB), when the students are assigned with Clerkship program at hospital as per the PCI and University curriculum, the students without any fear or step back they are readily/ freely adopting to the clinical services extended by the hospital to the patients. This we consider as the evidence of success and one of the best practice by the Institution.

6. Problems Encountered and Resources Required:

Initially we faced lot of problems at the hospital as the procedure what we described involved physicians, nurse and para-medical staff. The hospital management did not agree to consider our proposal. As we briefed them about the benefits what the hospital and physicians will get, they started agreeing. We mainly mentioned that “Prescription Auditing” is important in order to overcome Drug-Drug interaction and Adverse Drug Reaction. Immediately, in the fifth year Pharm.D. or second year Pharm.D(PB), students will not be capable of identifying DDI or ADR thoroughly, as it require lot of practice, subject knowledge, coordination with physician and other para-medical staff members. Hence, from second year onwards the clinical training at hospital is necessary.

7. Notes (optional):

We practically believe that this practice has made our students more courageous in displaying the practice and knowledge what they have gained during the training. Everyone is benefited at the hospital due this training including patient. Now, physicians, nurses and other para- medical staff are sending the prescription and patient case sheet for review. The suggestions given by our students are taken into consideration after careful examination by physicians. Students feel more better as the physicians are also equally seeking the prescription audit by our Pharm.D and Pharm.D(PB) students.



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Best Practice: II

1. Title of the Practice

“Industrial exposure to the B.Pharm and M.Pharm. students”

2. Objectives of the Practice

The institute is striving for enhancing the institutional culture to serve the needs of an ever-changing and dynamic learning community.

- To serve this purpose, institute provides industrial exposure to the students in various ways. To provide the exposure to current research trends in pharmaceutical industry.
- To improve practical knowledge and technical skill of students
- To acquaint the students about various aspects in pharmaceutical industry like quality system existing in the organization, trouble shooting in formulation and manufacturing of pharmaceuticals, analytical method development and routine quality control of pharmaceuticals, Intellectual property rights, industry based regulatory needs, etc.
- To help students understand their strengths and weakness that can help them in selecting their career options.

3. The Context

The students get an opportunity to learn theoretical concept pertaining to analysis, formulation, drug discovery and development in the institute. During practical hours students also get an opportunity to perform experiments based on the concepts learned in classrooms.

4. The Practice

Institute provides a plethora of opportunities for corporate interactions such as:

a. Industrial Projects for M. Pharm. Students:

To congregate with the present desires, the students of M.Pharm Sem-III/IV are encouraged to do a part of their research project work in the pharmaceutical industries of repute. Students are benefited in terms of exposure to sophisticated instruments, formulation & development, validation activities such as analytical method validation, QbD approach etc. Students have successfully carried out their research work in pharmaceutical companies like Aurobindo Pharma Ltd., GVK Biosciences Pvt. Ltd., Shantha Biotechniques Ltd., Dr. Reddy's Laboratories Limited, Hetero lab Ltd. Hyderabad etc.



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b. Industrial visit:

Institute also emphasize on arranging, Industrial visits for the students to pharmaceutical industries like Pellet Pharma Pvt. Ltd., Zodas Pharma Ltd., Concord Drugs Ltd, Aurobindo Pharma Ltd etc. The purpose of these visits is to expose the B. Pharm students to the state of art facilities and functioning of Pharmaceutical industries. The actual work environment and the procedures followed in the pharmaceutical industries are elaborately explained to the students

c. Industrial training:

B. Pharmacy Students after third year second semester exams are encouraged to do one month industrial training in summer vacation to increase their knowledge regarding industry. The purpose of the industrial training is to expose the students to industrial environment, to know the standard procedures followed in the pharmaceutical industries, to enhance their knowledge and skill from what they have learned in the college and to instill the good qualities of integrity, responsibility and self confidence.

5. Evidence of Success

- a. The M. Pharm student exposure to pharmaceutical industry has helped them to build their technical and interpersonal skills.
- b. The industrial exposure of the students has helped them in selecting their career path.
- c. Industrial visits enable students to co-relate their theoretical inputs with the large scale manufacturing of pharmaceuticals. It also creates a platform for the students to interact with executives from the industries.
- d. Industrial training helps in increasing exposure of students to industrial environment and confidence build up.

6. Problems encountered and resources required:

- a. Most of the pharmaceutical industries do not allow publication of the research work done in R&D of industry in scientific journals.
- b. Limited consultancy/research funding from industry.
- c. More number of MOU's with industry is required