



Collaboration Agreement

This Collaboration Agreement (hereinafter referred to as "CA") is made and executed on **23-06-2022** at Department of Physiotherapy and Paramedical Sciences.

Between

Department of Physiotherapy and Paramedical Sciences represented by **Dr. Reshma Khurana**, herein after known as the FIRST PARTY and Index Institute of Pharmacy represented by **Dr. Javed Khan Pathan** herein after known as the SECOND PARTY witnesses as follows:

Both the Institute enter this formal collaboration in the form of Collaboration Agreement to promote resource sharing and develop academic and educational collaboration through various activities as depicted in the clauses

Clause 1: Students and Staff of both the Institutions are eligible to attend all the quality enhancement programmes organised by the Departments at both the Institutions

- a. Any kind of Skill Development Programmes
- b. Guest lectures by eminent personalities in the field of Science organised by Institutions.
- c. Seminars.
- d. Collaboration between faculty members/Students.
- e. Mutual collaboration among students in community related activities and campaigns.

Clause 2: Exchange of personnel as resource persons.

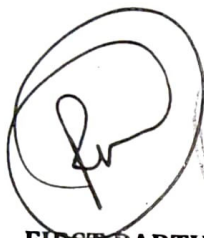

Clause 3: The implementation of any type of cooperation stated in Clauses 1, 2 depends on the availability of resources and the financial support at the respective institutions.


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Clause 4: This agreement commences on the day of signing by both the parties involved and shall remain in force for the (concerned program/Events) or 21/06/2022 two days after this date.

Clause 5: The agreement can be extended after discussion with Principal and HoDs of the respective departments of both the Institutions.

Clause 6: The agreement may at any time be revised or modified by mutual consent within the period agreed upon by way of Clause 5.


FIRST PARTY


Dr. Reshma Khurana
HOI
Department of Physiotherapy and
Paramedical Sciences


PRINCIPAL
Index Institute of Pharmacy
SECOND PARTY
University,
Indore

Dr. Javed Khan Pathan
HOI
Index Institute of Pharmacy


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MALWANCHAL UNIVERSITY, INDORE

Index Institute of Pharmacy

Index City, NH-59a, Nemawar Road
Indore, Madhya Pradesh, 452016.



Drug Interaction & LASA Drug

TRAINING OBJECTIVES

- Identify mechanisms for specific unically relevant drug interaction.
- Identify methods to predict and prevent drug interaction.

CONCEPT

Drug interaction can be defined as the modification of the effect of one drug by the prior of another drug that is the effects are increased or decreased.

LASA drugs include medications that are visually similar, in psycal apperance of packaging and names of medication that have spelling similarities & similar phonetic.

SCHEDULE

Contact person : Ms. Aafreen Hussain

Resource person : Ms. Mansi Gehlot

Dr. Arpita Mishra

Date: 23.06.2022

Venue: Lecure Hall No. 01, Index Medical
College, Hospital and Research Center

MODULE

1. What is drug interactions ?
2. Types of drug interactions.
3. How to reduce risk of drug interaction.
4. What is LASA drug ?
5. How to arrange LASA drug in medical stores.

LEARNING OUTCOMES:-

- Multiple pharmacological effect of drugs poor patient compliance multiple drug therapy.
- How avoid error with LASA drug.





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(A Private State University Established by the Madhya Pradesh
Niji Vishwavidyalay Adhiniyam No.17 of 2007) Registration No. MPPU20

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Ref. No. IIP/PO/NAAC/CA/

Date: 15/06/2022

Circular

The Index Institute of Pharmacy has organized a "Collaboration Activity" on **Lasa Drug and Drug Interaction**. The duration of the course is 02 hours. Students can enroll their name to Ms. Aafreen Hussain before 21/06/2022. The course commences from 23/06/2022.



Organizing Secretary

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REPORT ON DRUG INTERACTION AND LASA DRUG

The intellectual lecture (Collaboration activity) was program was conducted on 23-06-2022 for 30 minutes, the lecture was taken by Ms. Mansi Gehlod. This lecture was organized to enhance the knowledge about drug interaction and LASA drug for students of Physiotherapy, BMLT and DMLT. During these lecture program faculties of Paramedical science department was presented.

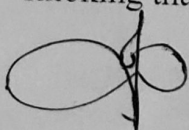
For this program total 100 students was registered and in lecture hall 70 students was presented.

The topic was covered in lecture as follow:-

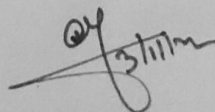
- What is Drug interaction.
- Types of drug interaction.
- How to reduce risk of drug interaction.
- What is LASA drugs.
- How to arrange LASA dugs in medical store.

The lecture was started from what is drug interaction, drug interaction can be defined as the modification of the effect of one drug by the prior of another drug i.e. the effects are increased or decreased, or they produce a new effects that neither produces on its own. I explained different types of drug interaction as follow :-

- Drug- drug interaction – Drug drug interaction occurs when two or more drugs react with each other.
- Drug – food interaction –Drug food interaction result from drugs reacting with food or beverage.
- Environment induced interaction – These interaction are chiefly due to smoking that details both pharmacokinetic and pharmacodynamic reaction.



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- Drug – disease interaction – Drug disease interaction may occur when an existing medical condition makes certain drug potentially harmful.

The net effect of a Drug Interaction is:

- Generally quantitative i.e. increased or decreased effect.
- Seldom qualitative i.e. rapid or slower effect.
- Precipitation of newer or increased adverse effect.

Drug interactions are mostly desirable and rarely desirable for eg enhancement of activity of penicillin when administered with probenecid. I was explained it which factors contributing to drug interaction as follow :-

1. Multiple drug therapy.
2. Multiple prescribers.
3. Multiple pharmacological effect of drug.
4. Multiple disease illness.
5. Poor patient compliance.

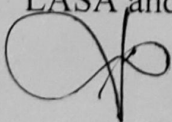
Drug interactions are usually considered in terms of three broad classes of underlying mechanism:

- Pharmacodynamic.
- Pharmacokinetic.
- Pharmaceutical incompatibility.

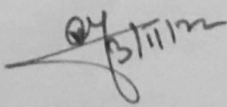
I explained about LASA drugs Look alike and sound alike drugs. LASA drugs involve medications that are visually similar in physical appearance or packaging and names of medication that have spelling similarities and similar phonetic.

Strategies to avoid errors with LASA –

- Prescription – Using both the brand, generic names, dosage form, dose and indication for use.
- Monitoring – Monitor new drugs added to the hospital formulary as they are released and provide guidelines to these new drugs.
- Information – Update healthcare professionals of changes on the list of LASA and confusing drug names.



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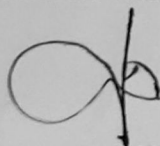
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- Procurement – Minimise the availability of multiple medicines strengths, avoid similar packaging and appearance compare them with existing packaging.
- Storage – Use tall man lettering to emphasis.
- Dispensing – Identify medicines based on its name and strength and not by its appearance or location.
- Administration

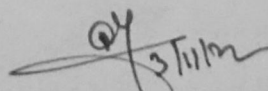
The main reasons for improper dispensing of confusing drug names may due to lack of knowledge of registered pharmacist or due to less number of pharmacist during rush hours.

This collaboration or intelectual program was very interactive for presented faculties and students. Students were aware to the drug interaction, about LASA drugs, errors with LASA, how avoid errors with LASA. In this program I was summarized about drug interaction, mechanism of action, factors and LASA drugs.

Students were happy after completion of the program.



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