

# RUPAL FRANCISCA AROZA

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## **EDUCATIONAL QUALIFICATIONS:**

Doctor of Pharmacy (Pharm D): Manipal College of Pharmaceutical Sciences, MAHE, Manipal.  
2014 – 2020  
Division: First Class with Distinction

Pre University Course (XIIth): Ideal Indian School, Doha - Qatar  
Major: Physics, Chemistry, Biology, Mathematics and English  
2012 – 2014  
Division: First Class.

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**FINAL YEAR PROJECT:** A retrospective observational study on use of Surfactants in the treatment of Neonatal Respiratory Distress Syndrome (2018-2020)

Description: The objectives of the studies are to compare the efficacy and cost involved in the surfactants (Survanta, Curosurf and Neosurf) used in the treatment of respiratory distress syndrome in neonates, assess risk factors associated with RDS, evaluate correlation of RDS with other comorbid conditions and the use of steroids (dexamethasone and betamethasone) in pregnant mothers and its effects on Neonatal Respiratory Distress syndrome. The execution of this project was conducted using Statistical Package for Social Sciences (SPSS) version 20.0 by IBM to analyse the data collected, and compelled them to demonstrate their cognizance of Chi square and One-way ANOVA to assess the risk factors, comorbidities and use of antenatal steroids various tests such as descriptive with frequency, and crosstabs. Ethics Approval by the Institutional Ethics Committee at Kasturba Hospital, Manipal was taken prior to outset of the study.

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## **OTHER PROJECTS:**

Case report followed by systematic review on Cefuroxime induced purpuric and erythematous macular rashes: An Unknown Entity.

Description: Case report on development purpuric and erythematous macular rashes over the upper and lower limbs on a 61 year old female patient was admitted in the hospital for a laparoscopic cholecystectomy along with transverse colon repair surgery for symptomatic cholelithiasis when she was administered with intravenous (IV) drugs of cefuroxime 1.5g twelfth hourly every 24 hours as post-operative prophylaxis therapy along with other medications to manage her pre-existing conditions.

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## **PUBLICATIONS UNDER REVIEW:**

Submitted manuscript of case report entitled "Cefuroxime induced purpuric and erythematous macular rashes: An Unknown Entity" to the Pharma Times for consideration for publication which is under peer review.

Submitted manuscript of case report entitled Systematic review entitled "Cefuroxime Induced Drug Eruptions: A Systematic Review" and have submitted the manuscript to the Indian Journal of Pharmaceutical Sciences which is under peer review at present.

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## **SCHOLARSHIP'S RECEIVED:**

Was granted a scholarship by the International steering group of the Asian Conference on Pharmacoepidemiology (ACPE) to attend the 12th Asian Conference on Pharmacoepidemiology at the Kyoto International Exhibition Hall. Kyoto, Japan.

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**INTERNSHIP/OBSERVER SHIP PROGRAMS:** Internship program (Clerkship) (Sixth year Pharm D as part of the curriculum) at Kasturba Hospital, Manipal, India. (2019 – 2020).

Observer ship program for a month at University of Findlay, Findlay, Ohio, followed by a shadowing program at Wyandot Memorial Hospital, Upper Sandusky, Ohio, United States of America (July 2018).

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**COMPUTER SKILLS:** Microsoft Office: Microsoft Excel, Microsoft Word, Microsoft PowerPoint and IBM SPSS Statistics

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#### **EXTRA CURRICULAR ACTIVITIES**

- Volunteered for Pulse Polio Program on World Polio Awareness Week. 2016
  - Volunteered for various events like slum area visits, orphanage visit 2017
  - Volunteered in Patient Medication Counselling programs to orphans, pregnant and lactating women, Cancer patients and general public. 2017 – 2019
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#### **POSITIONS OF RESPONSIBILITY**

- Member of ISPOR (International Society of Pharmacoeconomics and outcomes Research) 2014 - 2020
  - Joint Secretary Community Development Committee (Student Counsel), Manipal University Association of Pharmacy Students (MAPS) (2017-2018)
  - Secretary Community Development Committee (Student Counsel), Manipal University Association of Pharmacy Students (MAPS) (2018 – 2019)
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#### **WORKSHOPS/SEMINARS AND AWARDS**

Delegate in ICHEOR (International Conference on Health Economics and Research Outcomes), MAHE, Manipal. December 2016

Organizer and participated for Patient Counselling and Health Camp programs on World Pharmacists Day. 2017

Organizer of Antibiotic Awareness Week to educate the community Pharmacists around Udupi and Manipal, India 2017

Organized 3 rd CPCON (International Conference on Clinical Pharmacy) 2018 January 2018

Organized 4 th CPCON (International Conference on Clinical Pharmacy) 2019 January 2019

Represented MAPS as Official Delegate at the 18th APPS by IPSF APRO 2019, Institute of Technology Bandung, Indonesia. July 2019

Received Scholarship of 12000 Yen by ISPE to attend and present a paper on “Impact of antenatal steroids use in pregnant mothers’ on the severity of neonatal respiratory distress syndrome” at the ISPE’s 12th Asian Conference on Pharmacoepidemiology and 25th Japanese Conference on Pharmacoepidemiology joint meeting, Miyakomesse, Kyoto, Japan. October 2019.

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**LANGUAGE:** Proficient in languages: English, Hindi, Konkani.