

Join for a workshop on Administration Devices for Oral and Respiratory Medicines for Children

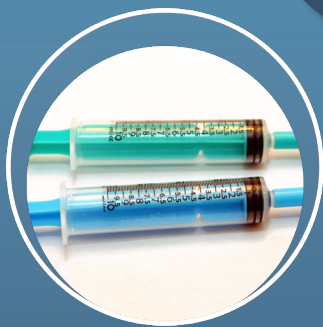


Scitech Centre

7, Prabhat Nagar, Jogeshwari
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Mumbai, Maharashtra 400102

4TH
MARCH
2024

9:30
-
17:30



THE INDIAN PHARMACEUTICAL
ASSOCIATION (IPA)
...CRUSADE FOR THE PROFESSION

EUPFI

European Paediatric Formulation Initiative

PMHI

Paediatric Medicines & Healthcare Initiative



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Background & Objectives



Background

There may be times when parents/carers or their children have to use a gadget or "device" to help them take a medicine, e.g. a special measuring spoon or a "puffer" (inhaler). It is important that these devices are used properly to make sure the correct dose of medicine is taken. Parents or caregivers also often struggle with administering medications to their children, emphasising the need for practical and easy-to-use device design.

The research conducted in high-, middle- and low-income countries have highlighted a huge gap between the needs of patients and what is available in the market. This could be attributed to limited access to precise paediatric dosing devices, lack of awareness among healthcare professionals on proper device usage, and inadequate healthcare infrastructure, particularly in low resource settings. Addressing these challenges requires innovative solutions that consider the specific needs and limitations of low resource settings to ensure effective and safe usage of dosing devices for children.

This workshop aims to create a dynamic platform where researchers, device engineers, industry leaders, policymakers, healthcare professionals, and end-users converge to generate actionable strategies that accelerate the development, adoption, and impact of innovative administration devices in India.

With a focus on addressing regulatory, funding, manufacturing, and market access challenges, the workshop aims to shape policy recommendations, inspire breakthrough solutions, and pave the way for a transformative era of administration device development, ultimately enhancing healthcare outcomes and improving quality of life of future generation.

This workshop is organised by University College London (UCL), European Paediatric Formulation Initiative (EuPFI), in partnership with Indian Pharmaceutical Association (IPA), Society of Paediatric Medicines and Healthcare Initiative (PMHI), and ThetaBeta Analgorithm (TBA).

Specific Objectives

- To give an overview of the main challenges associated with the administration of oral and respiratory medicines to the paediatric population in both a hospital and domiciliary setting, including practical considerations
- To review factors (e.g. users, environment, design and technical factors) that have an impact on accurate administration of doses routinely prescribed to paediatrics
- To share current practices and challenges associated with the development, control and supply of oral and respiratory administration devices.
- To describe the requirements and regulations industry must comply with and how industry develops, selects, or assesses the administration devices
- To exchange ideas on what can be improved to achieve a safer administration of medicines to paediatrics
- To create awareness about the importance of such devices in improving healthcare for children in low resource settings

Workshop Agenda



9:30	Arrival, Registration and Welcome Address Smita Salunke, EuPFI & UCL School of Pharmacy, United Kingdom Vandana Patravale, Society for Paediatric Medicines & Healthcare Initiative (PMHI), India Alka Mukne, Indian Pharmaceutical Association, India Pradeep Behera, Theta Beta Analgorithms, India
9:45	Welcome Address Ajit Singh, ACG Worldwide (the Associated Capsules Group of Companies), India
9:50	Introduction and Workshop Objectives Smita Salunke, EuPFI & UCL School of Pharmacy, United Kingdom
10:00	Topic 1: Snapshot of global landscape on the use of administration devices for paediatric medicines followed by panel round table Chair: Esmerald Hermans, J&J Innovative Medicines, Belgium Usability of administration devices for oral and respiratory medicines Elisa Alessandrini, UCL School of Pharmacy, United Kingdom
10:15 - 10:55	Panel Discussion Panel members: <ul style="list-style-type: none">• Jumpei Saito and Hidefumi Nakamura, National Center for Child Health and Development, Japan• Sushama Talegoankar, Delhi Pharmaceutical Sciences and Research University (DPSRU), India• Elisa Alessandrini, UCL School of Pharmacy, United Kingdom• Min Zhao, School of Pharmacy/China Medical University-QUB Joint College (CQC), Queens University Belfast (QUB), China• Emmanuel Chukwuebuka Umeyor, Nnamdi Azikiwe University, Nigeria
10:55	Coffee break
11:20	Topic 2: Stakeholders' perspective on the challenges associated with the administration of oral and pulmonary medicines to the paediatric population Chair: Pradeep Behera, Theta Beta Analgorithms, India
11:20	Healthcare professionals' perspectives Sridhar Ganapathy, Janani Children's Hospital, Mumbai, India
11:40	Pharmaceutical industry perspectives Chair: Esmerald Hermans, J&J Innovative Medicines, Belgium
	Overview of considerations for respiratory devices Abhishek Telang, Merck, United States
12:10	Administration device suppliers' perspectives Anand Hiremath, Aptar Pharma, India
12:30	Q&A session
12:45	Lunch break

Workshop Agenda



13:45	Forum Discussion and Group Feedback Moderators: Smita Salunke, EuPFI & UCL School of Pharmacy, United Kingdom Vandana Patravale, Society for Paediatric Medicines & Healthcare Initiative (PMHI), India Alka Mukne, Indian Pharmaceutical Association, India Pradeep Behera, Theta Beta Algorithms, India Esmerald Hermans, J&J Innovative Medicines, Belgium Abhishek Telang, Merck, United States Topics: <ul style="list-style-type: none">• Which procedural and operational challenges in relation to administration of oral and pulmonary medicines to the paediatric population in both a hospital and domiciliary setting (dosing devices, dosing accuracy etc) should be addressed?• What are constructive solutions that could facilitate the establishment of an optimal path towards the correct oral and pulmonary dosing of all paediatric patients, that meets the requirements of all stakeholders involve?
14:50	Feedback from each group
15:15	Break & Affinity Mapping
15:40	Exploring rectal capsules in drug administration Chair: Catherine Tuleu, EuPFI & UCL School of Pharmacy, United Kingdom Inside out -A closer look at rectal capsule for drug administration Parizad Elchidana, ACG Worldwide (the Associated Capsules Group of Companies), India
16:00	Topic 3: Overview of regulatory expectations and requirements of paediatric administration devices Chair: Alka Mukne, Indian Pharmaceutical Association, India
16:00	Regulatory perspectives (Overseas) Gary Inwards, MHRA, United Kingdom
16:20	Regulatory perspectives (Indian) K Bangarurajan, Central Drugs Standard Control Organization (CDSCO), Delhi, India
16:50	Panel Discussion Panelist <ul style="list-style-type: none">• Jayant Kumar, Central Drugs Standard Control Organization (CDSCO), Mumbai, India• Gary Inwards, MHRA, United Kingdom• K Bangarurajan, Central Drugs Standard Control Organization (CDSCO), Delhi, India
17:10	Conclusion and Next Steps Smita Salunke, EuPFI & UCL School of Pharmacy, United Kingdom
17:30	End of workshop



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*This workshop is free.

Places are limited.

To ensure a fair representation of all stakeholders,
only a selection from interested participants can be
invited for the workshop.

To submit “expression of interest”
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