

Abbott pioneers unique dosing device in India

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Abbott has pioneered in India LiDoCon, short for Liquid Dosing Concept, a first of its kind device for liquid medicines that provides accurate, hygienic and convenient dosing. This novel technology currently is being used for a cough syrup, but in time, will be extended to different types of liquid formulations. LiDoCon was conceptualized at Abbott's Innovation and Development Center in Mumbai.

"Our goal is to help people get and stay healthy. If you're taking medicine to get better, you have to know you're getting the right amount," said Raviraj Pillai, Head of Abbott's pharmaceutical Innovation and Development Center in Mumbai. "Our new LiDoCon dosing device is simple, compact and helps avoid spillage and product contamination. This provides safer, more accurate and convenient dosing of liquid medicines, ultimately making it easier for people to take their medicine and get better."

The special LiDoCon cap is locked on to the neck of the bottle. By a simple four-step process of "Fill, Invert, Lock and Revert," a specific amount of liquid is dispensed, ensuring that there is no backflow. A premeasured quantity is dispensed from the bottle, which means that no washing is required. This greatly reduces risk of contamination and reduces overall preparation time.

The insights behind LiDoCon originally came from an Abbott employee in Mumbai, whose son suffers from asthma. His family experienced the herculean task of constantly cleaning and keeping track of the various dispensing caps from his son's multiple syrups. That is when he approached Abbott's innovation team for a solution. LiDoCon was born of a practical need felt by a parent so that monitoring of dosage and hygiene could be made easy.

Physicians across the country have shown a positive response to this new dosing technique. LiDoCon ensures that only a measured amount is dispensed, and hence prevents overdosing and accidental ingestion of a large amount of liquid.