



MATE for Safer Medication Administration via Enteral Feeding Tubes to Children. Part I – Healthcare Professional Viewpoint

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A Patient-Safety Challenge

Medication administration via enteral feeding tubes is highly prevalent in paediatrics due to swallowing difficulties. However, it is associated with frequent preparation and administration errors leading to tube blockage, dosing inaccuracies, and adverse outcomes.

Need for harmonisation

Existing resources are poorly equipped to monitor or prevent errors in tube-fed patients. Information is often fragmented, incomplete, and inaccessible at point of care. This leads to variability in practice, increased medication errors, and patient safety risks.

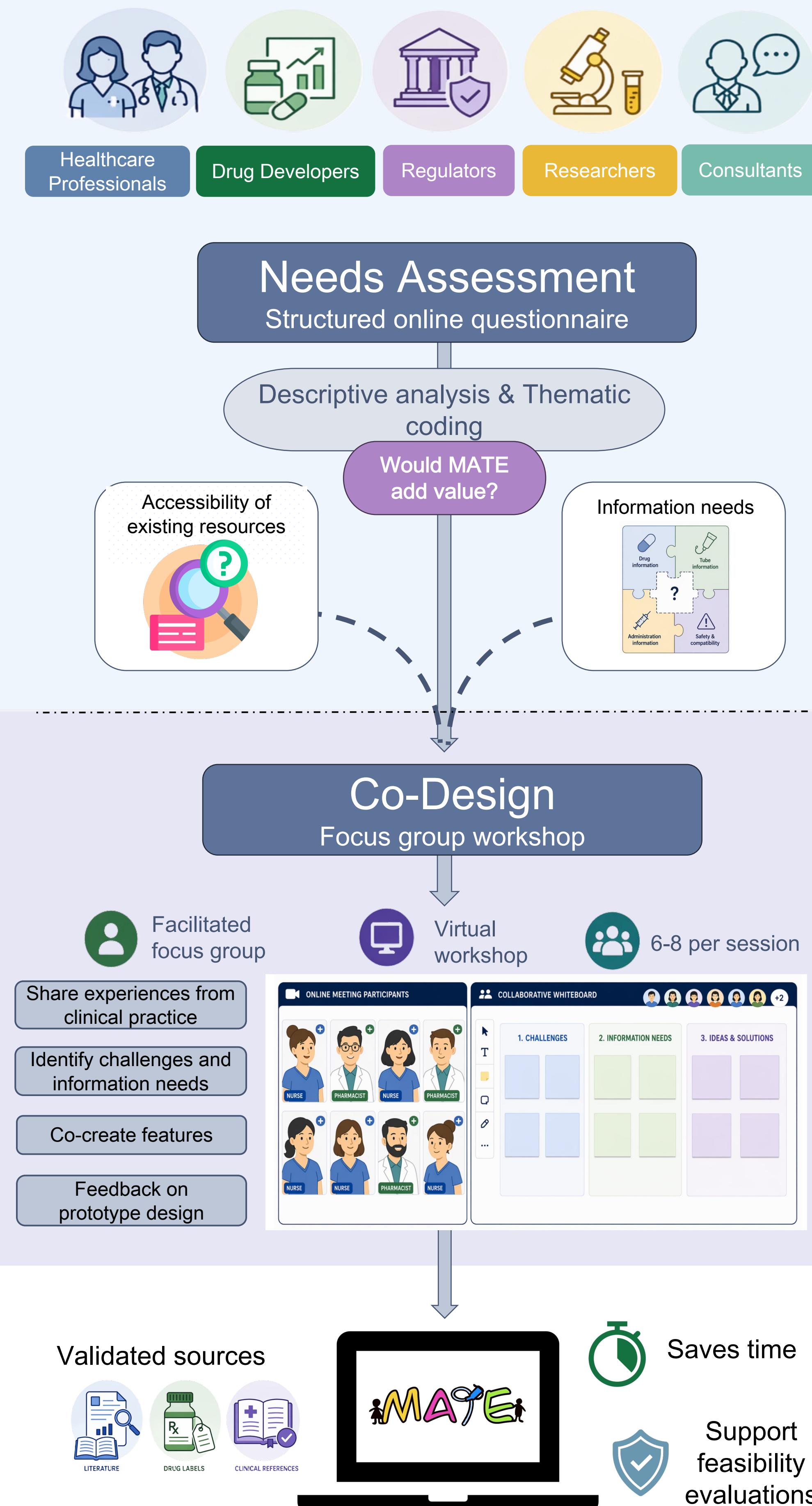
The Proposed Solution

MATE: an evidence-driven AI-powered decision support tool that provides step-by-step guidance, and integrates critical data on drug, tube, and administration factors for safe and informed medication delivery via enteral feeding tubes.

Aim

To evaluate the perceived value, desired structure, content requirements, and anticipated benefits of the proposed MATE application, informing its user-centred design and development.

Methods



Results

