MARKET RESEARCH CLINICAL MEDICATION REVIEWS RGB-PS LLC



A Modern Professional Services Practice

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What problem are we trying to solve?



Clinical Medication Reviews are already in place, but they're only sometimes catching critical issues like dangerous drug interactions, unnecessary prescriptions, or poor adherence. These gaps put patients at risk and lead to preventable complications and hospitalizations. To improve patient safety and reduce costs, we need to enhance these reviews with better tools to ensure problems are caught early and addressed efficiently. Streamlining and automating the review process is crucial to avoiding these risks and delivering more reliable, personalized medication care.



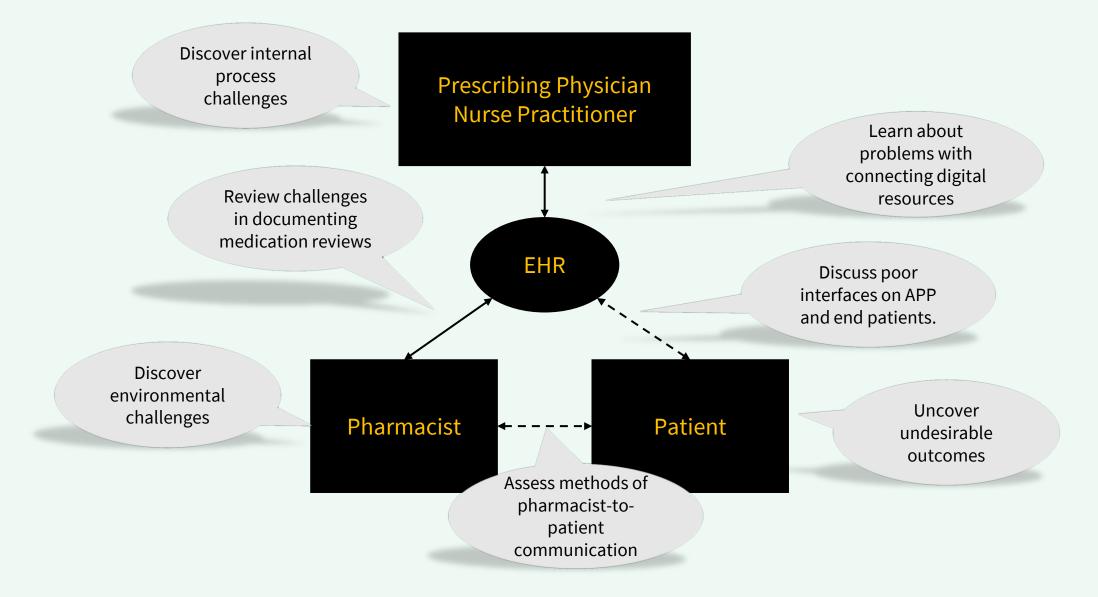
Definition of clinical me	Definition of clinical medication reviews (CMR)		Examples of use Found in the Literature
A systematic and comprehensive evaluation of a patient's medications.	A collaborative process involving pharmacists and other healthcare professionals.	•	Tan et al. (2022) considered medication reviews a central component of the collaborative clinic model, where pharmacists reviewed and optimized the medication regimens of diabetic patients to improve adherence and reduce complications.
Focused on improving medication safety, adherence, and clinical outcomes.	Often conducted during transitions of care or in high-risk populations.	•	Riester et al. (2021) used medication reviews to identify and prioritize high-risk patients for focused interventions, aiming to reduce hospital readmissions by optimizing their medication regimens during care transitions.
unnecessary or harmful drug	Aimed at optimizing medication regimens by identifying unnecessary or harmful drugs and potential interactions and addressing patient adherence issues.		Abbott et al. (2020) consider CMR as home- based reviews conducted by pharmacists to assess medication safety and adherence in patients discharged from the hospital.

What did we learn from the literature review?

The 14 studies reviewed revealed several common themes about medication reviews, highlighting recurring challenges, benefits, and insights across different healthcare settings. Here are the key common themes.

Common Themes (clinical)	Common Themes (non-clinical)	
 Collaboration between pharmacists and other healthcare providers is	 Technology and tools like telehealth and predictive models can	
essential but often lacking.	support medication reviews but have limitations.	
 Medication reviews positively impact patient outcomes, improving	 Geographic and setting-specific challenges create barriers to	
adherence and reducing adverse effects when properly conducted.	consistent implementation, especially in rural areas.	
 Variability in implementation across settings affects the consistency	 Reimbursement issues limit the financial incentives for pharmacists	
and effectiveness of medication reviews.	to prioritize medication reviews.	
 Resource limitations, such as staffing shortages and insufficient	 Time constraints and workload pressures limit the frequency and	
reimbursement, challenge the prioritization of medication reviews.	thoroughness of medication reviews.	
 Patient engagement is crucial for improving adherence and ensuring	 Training and competency gaps hinder the quality and consistency of	
the effectiveness of medication reviews.	medication reviews.	

What is Our High-level CONOPS?



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