

From Pharmacy Shelves to Supply Chain: A Pharmacist's Transition into Procurement- Challenges and Opportunities at Time of Crisis

Hassan A. Awashi¹, Ahmad M. Hendi², Hassan. M. Somaili³, Liaqat A. Khan⁴

^{1,2}*Pharmaceutical Care Administration, Jazan Health Cluster, Kingdom of Saudi Arabia.*

^{3,4}*Ministry of Health, Jazan Branch, Kingdom of Saudi Arabia.*

Abstract

As the healthcare industry grapples with complex pharmaceutical supply chain challenges specifically at time of crisis, there is a growing need for professionals who can bridge the gap between clinical expertise and operational efficiency. This manuscript explores the career transition of a pharmacist who desire to shift from the traditional role of medication dispensing to the dynamic field of procurement and supply chain management.

The manuscript highlights the key factors that motivated the pharmacist's career shift, emphasizing how their unique skillset and knowledge base in areas such as clinical expertise, medication management, and regulatory requirements provide a valuable foundation for success in supply chain roles in their daily practice in general and in crisis in specific. It delves into the challenges encountered during the transition, including the need to acquire new competencies in areas like contract negotiation, inventory optimization, and logistics. It discusses the strategies the pharmacist employed to overcome these hurdles, such as formal training, mentorship programs, and continuous learning.

Furthermore, the manuscript explores the opportunities unlocked by the pharmacist's transition, showcasing how the integration of a pharmacist's perspective has enhanced decision-making, improved medication availability, and fostered stronger collaboration between healthcare providers and suppliers. It highlights the pharmacist's ability to bridge the gap between clinical and operational aspects of the supply chain, leading to more efficient and patient-centric healthcare delivery.

In conclusion, the manuscript emphasizes the importance of encouraging and supporting pharmacists' transition into supply chain roles, underscoring the potential benefits of this cross-functional expertise for healthcare organizations, ultimately contributing to improved patient outcomes and overall system resilience.

Keywords: Pharmacist, Procurement, Crisis, Healthcare, Transition, Challenges, Opportunities.

Introduction:

The healthcare landscape is undergoing a profound transformation, with pharmacists assuming increasingly versatile roles beyond traditional dispensary duties (Smith et al., 2023). One such emergent path is the transition from pharmacy practice to procurement and supply chain management (Brown & Williams, 2021). As healthcare systems strive to optimize resource allocation and streamline operations, the unique skillset of pharmacists has become invaluable in the procurement arena (Davis, 2020).

Pharmacists possess in-depth knowledge of medication management, quality assurance, and regulatory compliance - expertise that is highly applicable to the complexities of healthcare supply chains (Anderson et al., 2017). This transition, however, is not without its challenges, as pharmacists navigate unfamiliar organizational dynamics and operational requirements (Hernandez et al., 2016).

Recent research has highlighted the need for targeted training and professional development to support pharmacists in this shift (Miller et al., 2019). Furthermore, the successful integration of clinical expertise with supply chain management competencies is crucial for achieving optimal outcomes (Thompson & Lee, 2018).

This manuscript explores the experiences and perspectives of pharmacists who have transitioned into procurement roles, shedding light on the challenges and opportunities that arise in this evolving career trajectory. By examining this emerging trend, healthcare leaders and policymakers can better understand the strategic value of leveraging pharmacists' expertise across the supply chain continuum.

The opportunities and challenges include but not limited to;

Opportunities for Pharmacist-Led Procurement

The transition of pharmacists into procurement roles presents a range of compelling opportunities for healthcare organizations. Recent research has highlighted the strategic advantages of leveraging pharmacists' unique expertise in this domain.

☐ Enhanced Cost Management and Resource Optimization:

Pharmacists' analytical skills and data-driven approach can enable more effective cost management and resource optimization within the procurement process (Johnson & Farris, 2021). By applying their expertise in medication utilization and inventory control, pharmacists can help identify cost-saving opportunities and ensure the efficient allocation of healthcare resources (Chen et al., 2020).

☐ Improved Supply Chain Resilience and Risk Mitigation:

Pharmacists' understanding of regulatory compliance and quality assurance can be instrumental in strengthening the resilience and agility of the healthcare supply chain (Pratt et al., 2022). By proactively addressing potential risks, such as drug shortages or supply disruptions, pharmacists can help organizations develop robust contingency plans and mitigate the impact of supply chain disruptions (Guo et al., 2021).

☐ Fostering Collaboration and Interdisciplinary Synergies:

The integration of pharmacists into procurement roles can foster greater collaboration between clinical and operational teams, breaking down silos and facilitating the exchange of valuable insights (Patel et al., 2018). This interdisciplinary approach can lead to more informed decision-making, enhanced communication, and the co-creation of innovative procurement strategies (Lega et al., 2020).

☐ Strengthening Sustainability and Environmental Stewardship:

Pharmacists' focus on sustainability and environmental impact can be beneficial in shaping more eco-friendly procurement practices (Yao et al., 2021). By incorporating principles of green procurement and reverse logistics, pharmacist-led initiatives can contribute to the reduction of pharmaceutical waste, the promotion of recycling and reuse, and the overall environmental sustainability of healthcare supply chains (Naparstek et al., 2019).

By leveraging the unique competencies of pharmacists, healthcare systems can navigate the evolving procurement landscape with greater agility, resilience, and patient-centric focus. As this career transition gains momentum, the opportunities for pharmacists to make a transformative impact on healthcare supply chains continue to expand.

Challenges for Pharmacist-Led Procurement

While the transition of pharmacists into procurement roles presents numerous opportunities, it also comes with a set of distinct challenges that healthcare organizations must navigate.

☐ Overcoming Resistance to Change

The integration of pharmacists into procurement functions may face resistance from existing supply chain teams or organizational cultures that are accustomed to traditional procurement practices (Hernandez et al., 2022). Effective change management strategies and clear communication of the value proposition are essential to overcome such resistance and facilitate a smooth transition (Hoffmann et al., 2021).

☐ Bridging the Skills Gap

Pharmacists, while possessing extensive clinical expertise, may initially lack specialized knowledge and experience in areas such as contract negotiation, supplier management, and data

analytics (Swartley & Smith, 2020). Targeted training and professional development programs are crucial to equip pharmacists with the necessary procurement-specific skills and competencies (Amin et al., 2021).

□ **Balancing Clinical and Procurement Responsibilities**

Pharmacists transitioning into procurement roles may struggle to find the right balance between their clinical responsibilities and their new procurement-related duties (Davis et al., 2022). Effective time management, role delineation, and strategic resource allocation are critical to ensure that patient care and medication management remain a priority (Martins et al., 2021).

□ **Navigating Complex Regulatory Environments:**

The healthcare procurement landscape is often characterized; by a web of regulations, compliance requirements, and ethical considerations (Smith et al., 2023). Pharmacists must navigate these complexities while maintaining a keen focus on patient safety, quality assurance, and organizational risk management (Amin et al., 2021).

□ **Fostering Cross-Functional Collaboration**

Integrating pharmacists into procurement teams may require the establishment of new communication channels, decision-making processes, and collaborative workflows (Hoffmann et al., 2021). Overcoming siloed thinking and facilitating effective cross-functional collaboration are crucial for realizing the full benefits of pharmacist-led procurement initiatives (Martins et al., 2021). The study of Abdullah et al. (2024) stresses upon the importance of supply chain and notes that the management must ensure adequate supply chain logistics, including PPE and testing materials, to protect patients and healthcare providers.

Addressing these challenges through strategic planning, targeted training, and the cultivation of a supportive organizational culture will be instrumental in ensuring the successful transition of pharmacists into procurement roles and the realization of the associated benefits for healthcare organizations.

Conclusion:

The integration of pharmacists into procurement roles in healthcare organizations offers a promising opportunity to leverage their unique clinical expertise and patient-centric perspective to enhance supply chain management and optimize medication procurement practices. However, challenges include overcoming resistance, bridging skills gaps, balancing clinical and procurement responsibilities, navigating complex regulatory environments, and fostering cross-functional collaboration. By implementing strategic change management strategies, providing training, establishing clear roles, and focusing on compliance and risk management, healthcare organizations can unlock new levels of efficiency, cost-effectiveness, and patient-centered care delivery. This symbiotic relationship between pharmacy expertise and procurement functions represents a pivotal step in the transformation of healthcare supply-chain management specifically in crisis.

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Conflict of Interest

The authors declare that they have no conflict of interest to declare.

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