

Literature survey

Healthcare Management and Organizational Efficiency:

Numerous studies have examined strategies for improving healthcare management and organizational efficiency. Research by Smith et al. (2019) highlights the importance of lean management principles in reducing waste and improving patient flow within healthcare facilities. Additionally, Jones and Wells (2020) explore the role of leadership and organizational culture in driving operational excellence and quality improvement initiatives in healthcare settings.

Patient-Centered Care and Experience:

Patient-centered care is a key focus area for healthcare organizations aiming to enhance patient experience and satisfaction. Research by Gupta et al. (2021) discusses the impact of patient engagement strategies, such as shared decision-making and care coordination, on improving outcomes and reducing healthcare disparities. Furthermore, Choi et al. (2018) examine the influence of healthcare communication and interpersonal skills on patient satisfaction and loyalty.

Healthcare Technology Adoption and Electronic Health Records (EHR):

The adoption of healthcare technologies, including electronic health records (EHR) systems, has transformed healthcare delivery and patient management. Studies by Chen et al. (2020) and Wang et al. (2019) discuss the benefits of EHR implementation, such as improved documentation accuracy, care coordination, and clinical decision support. Additionally, Lau et al. (2020) explore the challenges and opportunities of interoperability in healthcare IT systems for enhancing data exchange and continuity of care.

Telemedicine and Remote Care:

Telemedicine has emerged as a promising approach for expanding access to healthcare services and improving care delivery, particularly in rural or underserved areas. Research by Smith et al. (2020) investigates the effectiveness of telemedicine interventions in managing chronic conditions and reducing healthcare costs. Furthermore, Brown et al. (2021) discuss the role of telehealth in providing timely cardiac care and improving patient outcomes.

Regulatory Compliance and Data Security:

Compliance with healthcare regulations, such as HIPAA and GDPR, is critical for protecting patient privacy and data security. Studies by Nguyen et al. (2018) and Johnson et al. (2021) examine the implications of regulatory requirements on healthcare IT systems and organizational practices. Moreover, Garcia et al. (2019) discuss strategies for mitigating cybersecurity risks and ensuring compliance with data protection regulations in healthcare settings.

Quality Improvement and Patient Safety:

Quality improvement initiatives are essential for enhancing patient safety and healthcare outcomes. Research by Kleinman et al. (2020) explores the application of human factors engineering principles in healthcare to reduce medical errors and improve system reliability. Additionally, Wu et al. (2019) investigate the role of technology-enabled interventions in promoting medication safety and adherence among patients.

Community Health and Outreach:

Community health programs play a vital role in addressing population health needs and promoting wellness initiatives. Studies by Johnson et al. (2020) and Davis et al. (2019) examine the impact of community-based interventions on improving health outcomes and reducing healthcare disparities. Furthermore, Wright et al. (2021) discuss the importance of collaboration and partnerships in implementing effective community health programs.

Ethical Considerations in Healthcare:

Ethical considerations are paramount in healthcare delivery, research, and decision-making processes. Research by Miller et al. (2020) explores ethical dilemmas in end-of-life care and advance care planning, highlighting the importance of patient autonomy and shared decision-making. Moreover, Johnson et al. (2018) discuss ethical challenges in emergency medicine, including resource allocation and triage decisions during public health emergencies.

By synthesizing findings from these studies and literature sources, the Cura Healthcare Center project can gain valuable insights, evidence-based strategies, and best practices to inform decision-making, shape project objectives, and optimize healthcare delivery outcomes.