

# Advanced Performance Improvement In Health Care Principles And Methods

Advanced Performance Improvement In Health Care Principles And Methods Advanced Performance Improvement in Health Care Principles and Methods Advanced performance improvement in health care principles and methods represents a critical evolution in the quest to enhance patient outcomes, increase operational efficiency, and foster a culture of continuous quality improvement within healthcare organizations. As healthcare systems face increasing complexity, technological advancements, and rising patient expectations, traditional approaches to performance improvement are no longer sufficient. Instead, organizations are adopting innovative, data-driven, and patient-centered strategies that align with the latest principles and methodologies. This comprehensive guide explores the core principles, effective methods, and emerging trends in advanced healthcare performance improvement, providing valuable insights for healthcare professionals, administrators, and quality improvement specialists.

**Core Principles of Advanced Healthcare Performance Improvement**

- 1. Patient-Centered Care** At the heart of advanced performance improvement is a commitment to patient-centered care. This principle emphasizes respecting patient preferences, needs, and values, ensuring that these guide all clinical and operational decisions. Key aspects include:
  - Engaging patients in their care plans
  - Using patient feedback to identify improvement opportunities
  - Prioritizing safety, comfort, and transparency
- 2. Data-Driven Decision Making** Leveraging robust data analytics is fundamental to advanced performance improvement. This involves:
  - Collecting real-time data through electronic health records (EHRs) and other digital tools
  - Analyzing performance metrics to identify gaps and trends
  - Using predictive analytics to anticipate risks and optimize resource allocation
- 3. Continuous Quality Improvement (CQI)** CQI is an ongoing, iterative process aimed at enhancing healthcare processes and outcomes. Its core components include:
  - Regularly assessing performance
  - Implementing small-scale tests of change (Plan-Do-Study-Act cycles)
  - Involving multidisciplinary teams in problem-solving
- 4. Evidence-Based Practice** Implementing evidence-based practices ensures that clinical interventions are grounded in the best available research, thereby improving safety and efficacy. This involves:
  - Staying current with the latest clinical guidelines
  - Applying research findings to practice change initiatives
  - Monitoring adherence and outcomes to ensure effectiveness
- 5. Systems Thinking** Understanding healthcare as a complex system allows organizations to identify interdependencies and leverage opportunities for systemic improvements. Key elements include:
  - Mapping workflows and processes
  - Identifying bottlenecks and redundancies
  - Designing interventions that optimize the entire system, not just isolated parts

**Methods and Tools for Advanced Performance Improvement**

- 1. Lean Methodology** Originally derived from manufacturing, Lean focuses on eliminating waste and maximizing value. Healthcare applications include:
  - Streamlining patient flow
  - Reducing waiting times
  - Minimizing unnecessary tests and procedures
- 2. Six Sigma** Six Sigma emphasizes reducing variability and defects in processes. Its methodology involves:
  - Define
  - Measure
  - Analyze
  - Improve
  - Control
- 3. The Model for Improvement and PDSA Cycles** This framework promotes small, rapid tests of change within a structured cycle:
  - Set clear aims
  - Identify measures of success
  - Implement Plan-Do-Study-Act (PDSA) cycles to test changes
  - It encourages iterative testing, learning, and scaling successful interventions
- 4. The Balanced Scorecard** This strategic planning and management system integrates financial and non-financial performance metrics, such as:
  - Patient satisfaction
  - Clinical outcomes
  - Operational efficiency
  - Staff engagementIt helps align improvement efforts with organizational strategy.
- 5. Health Information Technology (HIT) and Digital Tools** Advanced performance improvement leverages digital solutions:
  - Electronic health records (EHRs) for comprehensive data collection
  - Clinical decision support systems (CDSS) for evidence-based guidance
  - Patient portals for engagement and feedback
  - Data visualization tools for real-time monitoring

**4. Emerging Trends in Healthcare Performance Improvement**

- 1. Artificial Intelligence and Machine Learning**

Machine Learning AI and machine learning are transforming data analysis, predictive modeling, and automating routine tasks. Applications include: Predicting patient deterioration Personalizing treatment plans Detecting fraud and billing anomalies 2. Value-Based Care Models Transitioning from fee-for-service to value-based models incentivizes quality and efficiency. Performance improvement strategies focus on: Reducing readmissions Improving chronic disease management Enhancing preventive care 3. Patient Engagement and Experience Technologies Empowering patients through technology enhances care quality: Mobile health apps for self-management Telemedicine for remote consultations Online feedback platforms for continuous improvement 4. Interprofessional Collaboration and Team-Based Care Effective collaboration across disciplines fosters innovation and comprehensive care. Strategies include: Multidisciplinary team meetings Shared goals and performance metrics Collaborative training and communication tools 5. Use of Real-Time Data and dashboards Real-time dashboards enable immediate tracking of key performance indicators (KPIs), allowing prompt interventions and adjustments. Implementing Advanced Performance Improvement: Best 5 Practices 1. Leadership Commitment Successful improvement initiatives require strong leadership that: Sets a clear vision for quality Allocates necessary resources Promotes a culture of safety and continuous learning 2. Engaging Stakeholders Involving clinicians, staff, patients, and community partners ensures buy-in and diverse perspectives. Strategies include: Regular communication Shared decision-making Recognition of contributions 3. Data Governance and Privacy Handling sensitive health data responsibly is vital: Establishing data privacy protocols Ensuring data accuracy and integrity Using data ethically for improvement initiatives 4. Scaling and Sustainability Successful pilot projects should be scaled organization-wide with ongoing monitoring to sustain gains. Conclusion Advancing performance improvement in healthcare demands a comprehensive understanding of foundational principles, utilization of proven and innovative methods, and embracing emerging technologies. By centering efforts around patient engagement, data analytics, evidence-based practices, and system thinking, healthcare organizations can achieve significant gains in quality, safety, and efficiency. Continuous learning, leadership commitment, and stakeholder collaboration are essential in fostering a culture of excellence. As the landscape of healthcare continues to evolve, adopting these advanced principles and methods will be instrumental in delivering superior care that meets the complex needs of patients and society at large.

QuestionAnswer 6 What are the key principles of advanced performance improvement in healthcare? Key principles include patient-centered care, data- driven decision making, continuous quality improvement, multidisciplinary collaboration, and the use of evidence-based practices to enhance healthcare outcomes. How does Lean methodology enhance performance improvement in healthcare settings? Lean methodology streamlines processes by eliminating waste, reducing variability, and optimizing workflows, which leads to increased efficiency, reduced errors, and improved patient satisfaction. What role does data analytics play in advanced healthcare performance improvement? Data analytics enables healthcare providers to identify patterns, measure performance metrics, predict outcomes, and make informed decisions that drive targeted interventions and continuous improvement. How can healthcare organizations implement a culture of continuous performance improvement? By fostering leadership commitment, engaging staff through training and incentives, establishing transparent measurement systems, and promoting open communication, organizations can embed continuous improvement into their culture. What are the most effective methods for measuring healthcare performance improvements? Effective methods include balanced scorecards, key performance indicators (KPIs), patient satisfaction surveys, clinical outcome measures, and real-time dashboards to monitor progress and identify areas for enhancement. How does the Plan-Do-Study-Act (PDSA) cycle facilitate advanced quality improvement? The PDSA cycle provides a structured framework for testing changes on a small scale, analyzing results, and refining interventions iteratively, leading to sustainable performance improvements. What are some challenges faced when implementing advanced performance improvement initiatives in healthcare? Challenges include resistance to change, data collection and accuracy issues, resource constraints, siloed organizational structures, and difficulty in sustaining improvements over time. How can technology, such as electronic health records (EHRs), support performance improvement efforts? EHRs facilitate accurate data collection, real-time monitoring, decision support, and streamlined workflows, all of which bolster performance measurement and improvement initiatives. What role does patient engagement play in advanced healthcare performance improvement? Engaging patients in their care fosters better adherence, provides valuable feedback, and leads to more personalized services, ultimately improving outcomes and satisfaction. How can interprofessional collaboration enhance performance improvement in healthcare? Interprofessional collaboration

encourages diverse expertise, improves communication, reduces errors, and promotes comprehensive, patient-centered care, driving more effective performance improvements. Advanced Performance Improvement In Health Care Principles And Methods 7 Advanced Performance Improvement in Health Care Principles and Methods In the rapidly evolving landscape of health care, delivering high-quality, patient-centered, and efficient services is paramount. As healthcare systems grapple with increasing complexity, rising costs, and the imperative to improve patient outcomes, advanced performance improvement strategies have become essential. These strategies incorporate sophisticated principles and methods designed to identify inefficiencies, foster innovation, and sustain continuous improvement. This article examines the foundational principles, cutting-edge methodologies, and emerging trends in advanced performance improvement within health care, providing a comprehensive overview for practitioners, administrators, and policymakers committed to elevating healthcare quality. Foundational Principles of Performance Improvement in Healthcare Performance improvement (PI) in healthcare is rooted in several core principles that serve as guiding beacons for systematic enhancement efforts. Understanding these principles is crucial before delving into more advanced methodologies. 1. Patient-Centeredness At the heart of healthcare improvement is the focus on patient needs, preferences, and values. Effective PI efforts prioritize patient safety, satisfaction, and engagement, recognizing that optimal outcomes are achieved when care is tailored to individual circumstances. 2. Data-Driven Decision Making Reliable, timely, and relevant data underpin effective performance analysis. Data collection and analysis enable healthcare providers to identify gaps, monitor progress, and evaluate the impact of interventions. 3. Systematic Approach Performance improvement is not ad hoc but follows structured methodologies that promote consistency, repeatability, and scalability of successful strategies. 4. Continuous Learning and Adaptation Healthcare environments are dynamic; therefore, PI strategies emphasize ongoing learning, flexibility, and adaptation based on feedback and changing circumstances. Advanced Performance Improvement In Health Care Principles And Methods 8 5. Interdisciplinary Collaboration Effective improvement involves teamwork across disciplines, breaking down silos to foster shared goals, communication, and coordinated efforts. Advanced Methodologies in Healthcare Performance Improvement Building upon foundational principles, advanced performance improvement employs a suite of sophisticated methods and tools that enable nuanced analysis and targeted interventions. 1. Lean Methodology Originating from manufacturing (notably Toyota Production System), Lean focuses on eliminating waste and optimizing value streams. In healthcare, Lean tools streamline workflows, reduce unnecessary steps, and enhance patient flow. - Value Stream Mapping: Visualizing processes to identify non-value-adding activities. - Kaizen Events: Intensive, focused workshops to implement rapid improvements. - 5S System: Organizing workspaces to improve efficiency. Impact: Lean reduces wait times, minimizes errors, and improves resource utilization. 2. Six Sigma and Statistical Process Control (SPC) Six Sigma emphasizes reducing variability and defects through data-driven analysis. Combining Six Sigma with SPC techniques enables healthcare organizations to monitor process stability and performance over time. - DMAIC Framework: Define, Measure, Analyze, Improve, Control. - Control Charts: Visual tools to track process behavior and detect deviations. Impact: Enhances clinical accuracy, reduces errors, and improves consistency. 3. Model for Improvement and PDSA Cycles The Model for Improvement, pioneered by the Institute for Healthcare Improvement (IHI), uses Plan-Do-Study-Act (PDSA) cycles to test changes on a small scale before wider implementation. - Plan: Identify the aim and plan the change. - Do: Implement the change on a small scale. - Study: Analyze data and observe outcomes. - Act: Decide whether to adopt, adapt, or abandon the change. Impact: Facilitates rapid testing, learning, and refining of interventions. 4. Complexity Science and Systems Thinking Recognizing healthcare as a complex adaptive system, this approach emphasizes Advanced Performance Improvement In Health Care Principles And Methods 9 understanding interactions, feedback loops, and emergent behaviors. - Systems Mapping: Visualizing interconnected components. - Simulation Modeling: Testing interventions in virtual environments. Impact: Promotes holistic solutions that account for system interdependencies. 5. Digital Health Technologies and Data Analytics Advances in health informatics enable real-time data collection, predictive analytics, and machine learning algorithms. - Electronic Health Records (EHRs): Centralize data for analysis. - Predictive Modeling: Identify at-risk populations. - Artificial Intelligence (AI): Support clinical decision-making. Impact: Enables proactive interventions, personalized care, and operational efficiencies. Emerging Trends and Innovations in Healthcare Performance Improvement The future of healthcare performance enhancement is driven by technological innovation, policy shifts, and cultural change. 1. Learning Health Systems Learning health systems continuously analyze data from

routine care to generate insights, rapidly implement best practices, and adapt to new evidence. - Characteristics: Integration of research and practice; iterative improvements. - Example: Rapid incorporation of COVID-19 treatment protocols based on real-world data. 2. Value-Based Care Models Transition from volume-based to value-based models incentivizes quality and patient outcomes rather than service quantity. - Payment Reform: Bundled payments, pay-for- performance. - Focus: Reducing readmissions, improving chronic disease management. 3. Patient Engagement and Digital Tools Empowering patients through technology enhances adherence, satisfaction, and self- management. - Mobile Apps: Medication reminders, symptom tracking. - Telehealth: Expanding access and convenience. - Patient Portals: Transparent access to health information. 4. Precision Medicine and Personalized Care Leveraging genomics and biomarker data to tailor interventions enhances effectiveness and reduces adverse events. Advanced Performance Improvement In Health Care Principles And Methods 10 5. Organizational Culture and Leadership Development Sustainable improvement requires fostering a culture of safety, innovation, and continuous learning, supported by leadership development programs. Challenges in Implementing Advanced Performance Improvement Strategies Despite promising methodologies, healthcare organizations face obstacles in adopting and sustaining advanced improvements. - Data Quality and Interoperability: Fragmented systems hinder comprehensive data analysis. - Resource Constraints: Financial and human resource limitations impede large-scale initiatives. - Resistance to Change: Cultural inertia and skepticism can slow adoption. - Complexity of Healthcare Systems: Multilevel interactions complicate intervention design. - Regulatory and Reimbursement Barriers: Policies may lag behind innovation. Addressing these challenges necessitates strategic planning, stakeholder engagement, and policy support. Conclusion: Toward a Culture of Excellence Advanced performance improvement in healthcare is an ongoing journey that demands a blend of rigorous principles, innovative methods, and adaptive leadership. Embracing data-driven approaches like Lean, Six Sigma, and systems thinking, while harnessing technological advancements, can significantly elevate the quality, safety, and efficiency of care delivery. As healthcare continues to evolve, fostering a culture that values continuous learning, collaboration, and patient-centeredness will be crucial in translating performance improvement principles into tangible, sustainable outcomes. Ultimately, the pursuit of excellence in healthcare is not merely a technical endeavor but a moral imperative to ensure better lives for patients and communities worldwide. healthcare quality enhancement, clinical performance optimization, patient safety strategies, healthcare process improvement, evidence-based practice, healthcare quality metrics, continuous quality improvement, healthcare workflow efficiency, clinical outcomes enhancement, healthcare innovation

Improving Patient CareIntroduction to Health Care Services: Foundations and ChallengesOrganizational Behavior, Theory, and Design in Health CareFostering Rapid Advances in Health CareASSESSMENT OF SERVICE QUALITY IN HEALTH INSURANCE SECTOR A STUDY WITH SPECIAL REFERENCE TO CHENNAI CITYMobile Health Applications for Quality Healthcare DeliveryAccountability and Responsibility in Health CareImplementing and Substaining Total Quality Management in Health CareEssentials of the U.S. Health Care SystemThe Putting Patients First Field GuideUnderstanding and Using Health ExperiencesLegal and Ethical Perspectives in Health CareImplementing Change in Health SystemsChanging the U.S. Health Care SystemFundamentals of Health Care Improvement, 4th EditionPerson-centred Health CareComputational Intelligence Techniques in Health CarePutting Patients FirstKnowing What Works in Health CareListening for What Matters Richard Grol Bernard J. Healey Nancy Borkowski Institute of Medicine Dr. S.T.KRISHNEKUMAAR Mountzoglou, Anastasius Bruce Rosen Hugh Koch Shi Planetree Foundation Sue Ziebland Raymond S. Edge Michael I Harrison Gerald F. Kominski Joint Commission Resources Stephen Buetow P.V. Lakshmi Susan B. Frampton Institute of Medicine Saul Weiner Improving Patient Care Introduction to Health Care Services: Foundations and Challenges Organizational Behavior, Theory, and Design in Health Care Fostering Rapid Advances in Health Care ASSESSMENT OF SERVICE QUALITY IN HEALTH INSURANCE SECTOR A STUDY WITH SPECIAL REFERENCE TO CHENNAI CITYMobile Health Applications for Quality Healthcare Delivery Accountability and Responsibility in Health Care Implementing and Substaining Total Quality Management in Health Care Essentials of the U.S. Health Care System The Putting Patients First Field Guide Understanding and Using Health Experiences Legal and Ethical Perspectives in Health Care Implementing Change in Health Systems Changing the U.S. Health Care System Fundamentals of Health Care Improvement, 4th Edition

Person-centred Health Care Computational Intelligence Techniques in Health Care Putting Patients First Knowing What Works in Health Care Listening for What Matters Richard Grol Bernard J. Healey Nancy Borkowski Institute of Medicine Dr. S.T.KRISHNEKUMAAR Mountzoglou, Anastasius Bruce Rosen Hugh Koch Shi Planetree Foundation Sue Ziebland Raymond S. Edge Michael I Harrison Gerald F. Kominski Joint Commission Resources Stephen Buetow P.V. Lakshmi Susan B. Frampton Institute of Medicine Saul Weiner

as innovations are constantly being developed within health care it can be difficult both to select appropriate new practices and technologies and to successfully adopt them within complex organizations it is necessary to understand the consequences of introducing change how to best implement new procedures and techniques how to evaluate success and to improve the quality of patient care this comprehensive guide allows you to do just that improving patient care 2nd edition provides a structure for professionals and change agents to implement better practices in health care it helps health professionals managers policy makers and researchers to assess new techniques and select and implement change in their organizations this new edition includes recent evidence and further coverage on patient safety and patient centred strategies for change written by an international expert author team improving patient care is an established standard text for postgraduate students of health policy health services and health management the strong author team are global professors involved in managing research and development in the field of quality improvement evidence based practice and guidelines quality assessment and indicators to improve patient outcomes through receiving appropriate healthcare

a comprehensive guide to the structure synergy and challenges in u s health care delivery introduction to health care services foundations and challenges offers new insights into the most important sectors of the united states health care industry and the many challenges the future holds designed to provide a comprehensive and up to date understanding of the system this textbook covers the many facets of health care delivery and details the interaction of health environments organizations populations and the health professions written by authors with decades of experience teaching and working in health care administration and management the book examines the current state and changing face of health care delivery in the united states each chapter includes learning objectives and discussion questions that help guide and engage deeper consideration of the issues at hand providing a comprehensive approach for students cases studies demonstrating innovations in the delivery of health care services are also presented health care administration requires a thorough understanding of the multiple systems that define and shape the delivery of health care in the united states at the same time it is important for students to gain an appreciation of the dilemma confronting policy makers providers and patients in the struggle to balance cost quality and access introduction to health care services foundations and challenges is an in depth examination of the major health care issues and policy changes that have had an impact on the u s health care delivery system includes information on u s health care delivery from care to cost and the forces of change focuses on major industry players including providers insurers and facilities highlights challenges facing health care delivery in the future including physician shortages quality care and the chronic disease epidemic the u s health care system is undergoing major reform and the effects will ripple across every sector of the industry introduction to health care services foundations and challenges gives students a complete introduction to understanding the issues and ramifications

due to the vast size and complexity of the u s health care system the nation s largest employer health care managers face a myriad of unique challenges such as labor shortages caring for the uninsured cost control and quality improvement organizational behavior theory and design second edition was written to provide health services administration students managers and other professionals with an in depth analysis of the theories and concepts of organizational behavior and organization theory while embracing the uniqueness and complexity of the healthcare industry important notice the digital edition of this book is missing some of the images or content found in the physical edition

in response to a request from the secretary of the department of health and human services the institute of medicine convened a committee to identify possible demonstration projects that might be implemented in 2003 with the hope of yielding models for broader health system reform within a few years the committee is recommending a substantial portfolio of demonstration projects including chronic care and primary care demonstrations information and communications technology infrastructure demonstrations health insurance coverage demonstrations and liability demonstrations as a set the demonstrations address key aspects of the health care delivery system and the financing and legal environment in which health care is provided the launching of a carefully crafted set of demonstrations is viewed as a way to initiate a building block approach to health system change

one of the central engines of the current shift towards decentralization and reorientation of healthcare services is mobile healthcare mhealth mhealth offers unique opportunities to reduce cost increase efficiencies and improve quality and access to healthcare however the full impact of mhealth is just beginning to be felt by the medical community and requires further examination to understand the full range of benefits it contributes to medical staff and patients mobile health applications for quality healthcare delivery explores the emergence of mhealth in the healthcare setting and examines its impact on patient centered care including how it has reshaped access quality and treatment highlighting topics such as patient management emergency medicine and health monitoring this publication supports e health systems designers in understanding how mobile technologies can best be used for the benefit of both doctors and their patients it is designed for healthcare professionals administrators students health services managers and academicians

this book is a collection of scholarly articles on the themes of accountability and responsibility in health care and seeks to be the premier book in that field

essentials of the u s health care system is the most concise examination of the basic structures and operations of the u s health system an ideal resource for courses in health policy allied health health administration and more the text clarifies the complexities of health care organization and finance and presents a solid overview of how the various components fit together

this book answers why not and how to for health care accreditation bodies quality experts and frontline professionals moving the reader from timely information to inspiration and through patient centered action with practical tools and potent case studies paul vanostenberg dds ms vice president accreditation and standards joint commission international this superb guide from planetree illustrates that providing high quality high value patient centered health care is not a theoretical ideal the case studies make clear that these goals are attainable they are being achieved by leading health care organizations worldwide and there is a clear road map for getting there right here in this book susan dentzer senior policy adviser to the robert wood johnson foundation at ihi we follow the principle all teach all learn the idea that everyone everywhere has something to teach and something to learn this remarkable and indispensable guide is as pure an example of this principle as i ve come across maureen bisognano president and chief executive officer institute for healthcare improvement the international society for quality in health care s mission is to inspire promote and support continuous improvement in the quality and safety of health care worldwide it is in this spirit that we welcome this new book on patient centered care as in their previous work the authors demonstrate just how critical it is to develop an organizational culture that puts patients first peter carter chief executive officer international society for quality in health care

improving patient experience is a global priority for health policy makers and care providers the need to look at healthcare delivery through the eyes of patients is widely accepted but how should it be done what use can be made of this information and what evidence is there that such exercises lead to better care understanding and using

health experiences improving patient care examines a broad range of different sources and techniques for gathering and analyzing health experiences providing an accessible and pragmatic overview of the diversity and richness of research in the field this book explores the strengths and limitations of different approaches and assesses what each method can contribute to improving people's experience of illness and the way that health services are delivered the book looks at topics such as using focus groups to understand experiences of health and illness patient surveys and the internet as a source of information on people's experience using clear and engaging examples throughout the book is accessibly written by experts in social science health services and health policy and will be valuable to postgraduate students healthcare practitioners and individuals working in health and social policy public sector management and research

this new book integrates the legal and ethical aspects of healthcare practice it presents a clear and comprehensive overview of topics relevant to a variety of allied health disciplines

implementing change in health systems brings fresh thinking and evidence to the continuing debate about market reforms of health care and other public services the book examines the development and implementation of national cost containment programs and health system reorganizations in the uk sweden and the netherlands countries that have been leaders in health system reform the book provides a new framework for analyzing public policy implementation and system change synthesizing diverse streams of academic research and thinking it explores the processes of implementing market reforms in each country and considers the outcomes both expected and unintended in all three countries competitive reform encountered serious technical organizational and political obstacles yet they triggered important system changes and paved the way for significant new health policies the complex outcomes of the reforms included changes in the quality efficiency and costs of care growing managerial and political control over physicians and other health care professionals increased influence and centrality of community based care diffusion of ideas and practices from business management into health care implementing change in health systems sheds new light on crucial policy issues that are currently being debated in the united states and many other countries the book will be of value to students researchers and practitioners in health policy and public policy

the fourth edition of changing the u s health care system addresses the key topics in health care policy and management presenting evidence based views of current issues each chapter is written by an expert in the field who integrates evidence to explain the current condition and presents support for needed change the book examines all the levers in the setting and implementation of health policy and includes extensive coverage of impact of the affordable care act particularly on medicare medicaid and large and small group insurance markets also new to this edition is expanded coverage of nursing disease management mental health women's health children's health and care for the homeless

person centred health care is increasingly endorsed as a key element of high quality care yet in practice it often means patient centred health care this book scrutinizes the principle of primacy of patient welfare which although deeply embedded in health professionalism is long overdue for critical analysis and debate it appears incontestable because patients have greater immediate health needs than clinicians and the patient clinician encounter is often recognized as a moral enterprise as well as a service contract however buetow argues that the implication that clinician welfare is secondary can harm clinicians patients and health system performance revaluing participants in health care as moral equals this book advocates an ethic of virtue to respect the clinician as a whole person whose self care and care from patients can benefit both parties because their moral interests intertwine and warrant equal consideration it then considers how to move from values including moral equality in health care to practice for people in their particular situations developing a genuinely inclusive concept of person centred care accepting clinicians as moral equals it also facilitates the coalescence of patient centred care and evidence based health care this reflective and provocative work develops a constructive alternative to the taken for

granted principle of primacy of patient welfare it is of interest to students and academics in the health and caring sciences philosophy ethics medical humanities and health management

this book presents research on emerging computational intelligence techniques and tools with a particular focus on new trends and applications in health care healthcare is a multi faceted domain which incorporates advanced decision making remote monitoring healthcare logistics operational excellence and modern information systems in recent years the use of computational intelligence methods to address the scale and the complexity of the problems in healthcare has been investigated this book discusses various computational intelligence methods that are implemented in applications in different areas of healthcare it includes contributions by practitioners technology developers and solution providers

the second edition of putting patients first showcases what planetree facilities and the planetree organization have learned about the commitments conditions practices and policies that are needed to do more than give lip service to being patient centered it should be read by every student nurse physician administrator trustee policy maker and lay person who is committed to creating healing environments holding facilities accountable for their rhetoric and truly reforming health care

there is currently heightened interest in optimizing health care through the generation of new knowledge on the effectiveness of health care services the united states must substantially strengthen its capacity for assessing evidence on what is known and not known about what works in health care even the most sophisticated clinicians and consumers struggle to learn which care is appropriate and under what circumstances knowing what works in health care looks at the three fundamental health care issues in the united states setting priorities for evidence assessment assessing evidence systematic review and developing evidence based clinical practice guidelines and how each of these contributes to the end goal of effective practical health care systems this book provides an overall vision and roadmap for improving how the nation uses scientific evidence to identify the most effective clinical services knowing what works in health care gives private and public sector firms consumers health care professionals benefit administrators and others the authoritative independent information required for making essential informed health care decisions

effective health care requires physicians tailor care to patients individual life contexts including their financial situation social support competing responsibilities and cognitive abilities physicians however are poorly prepared to consider patients lives when planning their care the result is measurably harmful to individuals and costly to society listening for what matters avoiding contextual errors in health care covers ten years of empirical research based on hundreds of recorded doctor visits by patients and undercover actors alike which revealed a widespread disregard of patients individual circumstances and needs resulting in inappropriate care these medical errors have been largely undocumented and unaddressed by the american healthcare system this book tells the stories of patients whose care was compromised by inattention to individual context and introduces novel methods for assessing the magnitude of the problem it describes how these errors termed contextual errors can be minimized through changes in how doctors are trained how medicine is practiced and quality measured and in the ways patients assert their needs during visits the aim of this book is to open a dialog between patients physicians policy makers and medical educators about a serious quality problem that has been overlooked and understudied

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