

MOBILITY TECHNOLOGY IN HEALTHCARE



A Strategic Imperative

Contact us at marketing@ahearn.com

Ahearn & Soper Inc.
proVision WMS

Introduction



Mobility technology in healthcare is increasingly becoming a strategic imperative, transforming how care is delivered, managed, and experienced. Embracing these technologies is essential for modernizing healthcare systems, improving patient outcomes, and achieving operational efficiency.

Ahearn & Soper along with Zebra Technologies understand that mobility technology is crucial to the healthcare organizations that want to drive significant improvements in patient care.

Here's why mobility technology can be strategically implemented:

Enhancing Patient Care

Real-time Monitoring and Feedback:

- **Wearables and Mobile Apps:** Provide real-time data on patients' health metrics such as heart rate, glucose levels, and physical activity. This data allows for timely interventions and personalized care plans.
- **Telemedicine:** Enables remote consultations and follow-ups, reducing the need for in-person visits and improving accessibility for patients with mobility issues or those in remote areas.

Optimizing Healthcare

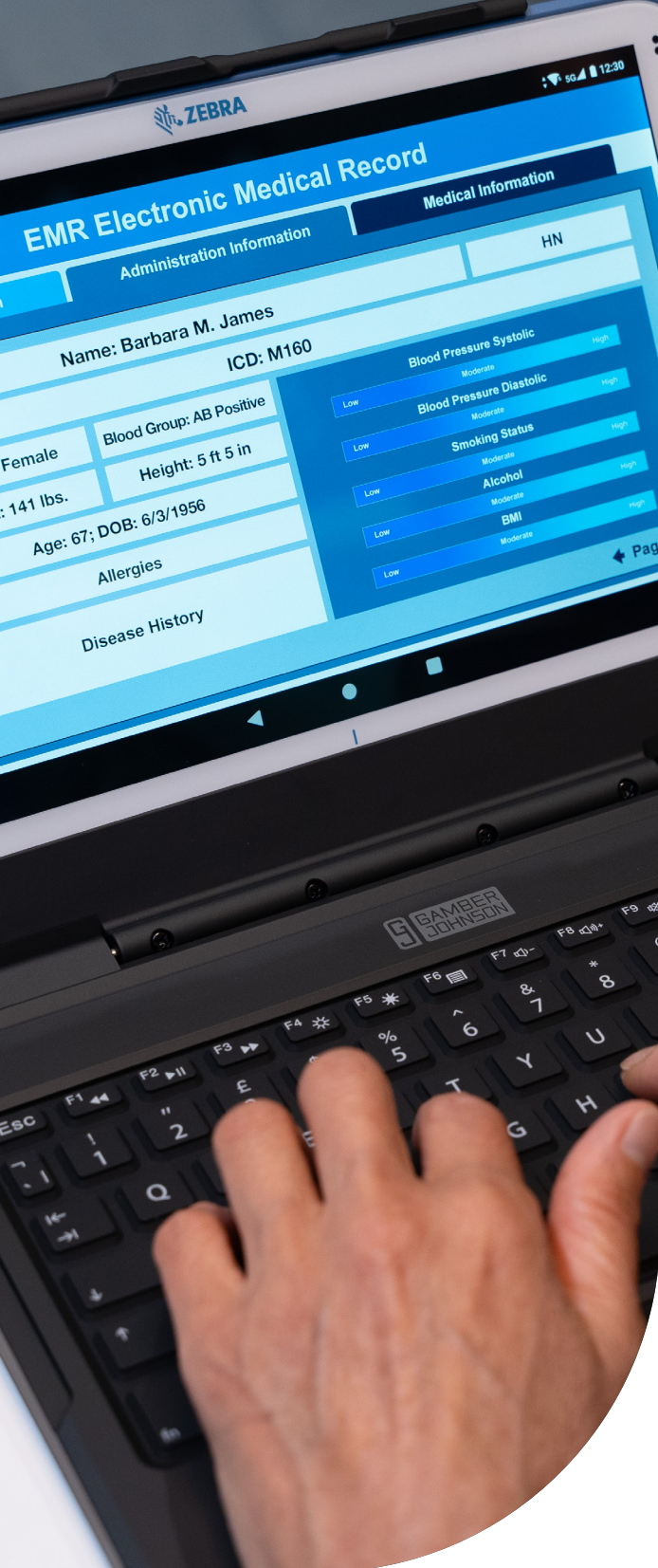
Streamlining Workflows:

- **Mobile Workstations:** Zebra tablets and smartphones enable healthcare providers to access electronic health records (EHRs), update patient information, and communicate with the care team from anywhere within the facility, improving workflow efficiency.
- **Automated Alerts:** Mobile systems can send alerts for medication administration, lab results, and patient status changes, helping to prioritize tasks and reduce manual errors.

Resource Management :

- **Asst Tracking:** Mobility technology can track medical equipment and supplies in real time, reducing time spent searching for items and preventing shortages.
- **Staff Scheduling:** Mobile apps for scheduling and shift management ensure optimal staffing levels and reduce administrative overhead.





Enhancing Decision

Data Integration and Analysis:

- **Comprehensive Data Access:** Mobile devices facilitate access to a patients' complete health history, test results, and clinical guidelines, aiding in informed decision-making.
- **Predictive Analytics:** By integrating data from various sources, including wearable and EHRs, healthcare providers can use predictive analytics to identify trends and anticipate patient needs.

Clinical Decision

- **On-The-Go-Access:** Mobile enabled decision support systems provide clinicians with real-time access to clinical guidelines and evidence-based practices, supporting accurate and timely decisions at point of care.

Improving Patient

Error Reduction:

- **Barcode Scanning:** Mobile devices with barcode scanning capabilities can verify patient identities and medication orders, reducing the risk of medication errors and ensuring accurate administration.
- **Real-Time Monitoring:** Continuous monitoring of vital signs and other health metrics allows for early detection of potential issues, leading to quicker intervention and reduced risk of complications.

Emergency Response:

- **Alerts and Notifications:** Mobile technology enables quick alerts for emergencies, such as falls or severe changes in vital signs, allowing for rapid response and intervention.

Addressing Challenges and Considerations

- **Data Protection:** Implement strong security measures to protect patient data transmitted via mobile devices. Ensure compliance with regulations such as HIPAA.
- **Authentication and Access Control:** Use multi-factor authentication and role-based access control to safeguard sensitive information.

Integration with Existing Systems:

- **Seamless Integration:** Ensure that mobile solutions integrate smoothly with existing EHRs and healthcare management systems to avoid disruptions and maximize the benefits of mobility technology.

Training and Adoption:

- **Comprehensive Training:** Provide training for healthcare providers on how to use mobile technologies effectively. Address any resistance to change by demonstrating the benefits and ease of use.

Cost and ROI:

- **Investment in Technology:** Assess the costs of implementing mobility solutions and weigh them against potential benefits such as improved patient outcomes, increased operational efficiency, and reduced administrative costs.
- **Long-term Value:** Consider the long-term value of mobility technology in enhancing care quality and operational effectiveness.





Please reach out via email or phone. Our team is committed to providing you with the best service possible and will respond to you promptly.

Phone: 416-675-3999
Email: sales@ahearn.com

100 woodbine Downs Boulevard
Toronto, Ontario M9W 5S6