



Mobile Patient Communicator(MPC) *Product Summary*

The MPC is a Productivity Tool for Medical Practices

It Creates Time for Healthcare Providers and Their Staff by:

- Giving patients an easy-to-use tool to:
 - Electronically submit check-in and medical information;
 - Access electronic educational material about their chronic disease or medical procedure.
- Making patient-submitted information electronically available to providers via:
 - A tablet, laptop or desktop PC;
 - An on-site server, practice management system or EMR.
- Transferring information from the patient to the PM and EMR Systems using:
 - Standard interfaces;
 - Proprietary interfaces.

Many Medical Practices Struggle With Information Flow

PMS System



Doctors & Nurses



Insights:

- Fragmented PM/EMR systems (If both exist)
- Manual forms and data entry.
- Cumbersome record keeping
- Inefficient use of staff time.

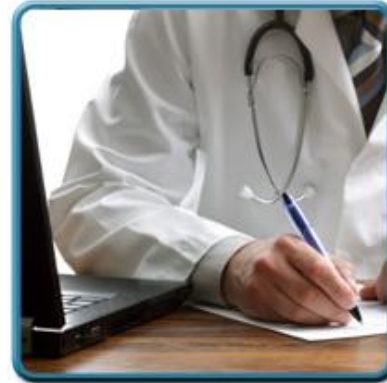
Patient Check-in



EMR System



Information Flow Inefficiencies Occur in Many Areas



Patient Registration

Manual Forms:

- Inefficient
- Incomplete fields
- Excessive handling costs

Clinical Interviews (IMH)

- Time-consuming interviews
- Clinicians enter data manually
- Restricts patient throughput

Patient Education

- Repetitive for clinicians
- Lacks patient comprehension assessment
- Not multi-media friendly

Nurse-Assisted Rooming

- No clinical value-add
- Time consuming
- Restricts nurse productivity

MPC Solutions Create Time and Improve Throughput



Patient Check-In

- Electronic forms
- Controlled completion
- PMS/EMR Integration



Clinical Interviews (IMH)

- Patient-initiated IMH
- Completed in waiting room
- PMS/EMR Integration
- Enhances Exam Room Dialog



Patient Education

- Wireless videos
- Comprehension assessment
- Chronic disease and procedures

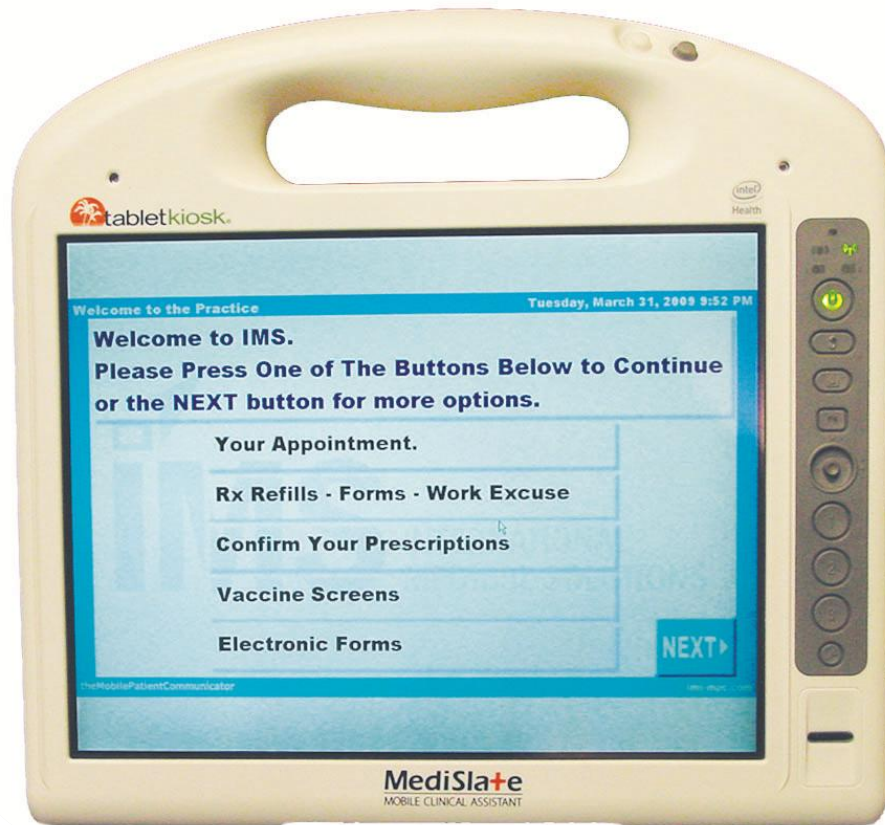


Self-Rooming

- Unassisted rooming
- Digital map
- Arrival notification

The MPC Operates on Any Windows-Based PC

IMS Recommends the Tabletkiosk MediSlate (MCA)



The MPC™

- Interactive Applications
- Touch-Screen
- Light weight, Wireless Terminal
- Password-Protected Internet or Web Portal Access

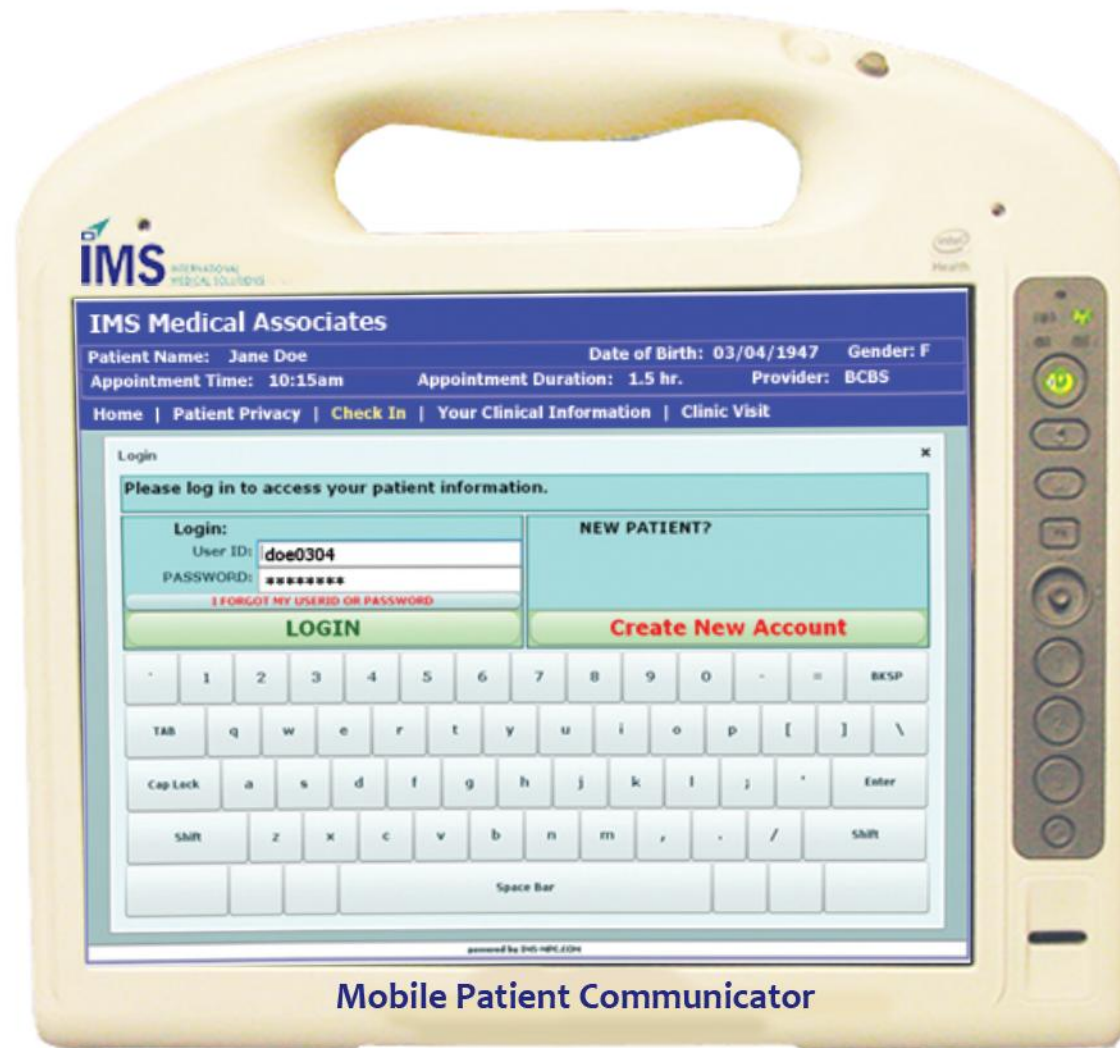
Our Solution Can Improve Patient Throughput by 30%

Value Creation Analysis – IMH/Patient Education

Patients/Doctor/Day	18
Time Saved/Patient	<u>5 mins</u>
Time Created/Doctor/Day	90 mins
Increased Patient Throughput/Doctor/Day	6
Increased Patient Throughput/Doctor/Week	30

Your doctors could realize incremental revenue of up to \$3000 per week.

Patient Check-in Registration



Electronic Forms

IMS Medical Associates

Patient Name: JANE JONES Date of Birth: 01/17/1979 Gender: Female

Appointment Time: Appointment Duration: Provider:

Home | Patient Privacy | Check In | Your Clinical Information | Clinic Visit

Your Information: x

Is the information below correct? YES NO

Would you like to print this information? PRINT

NAME: JANE JONES GENDER: Female DATE OF BIRTH: 01/17/1979

PLACE OF BIRTH: BETHLEHEM, PA RACE: WHITE RELIGION: CATHOLIC

RELATIONSHIP STATUS: MARRIED RELATIONSHIP START: Year: 2003 --- Month: 06

SOCIAL SECURITY #: 123-45-6789 DRIVER'S LICENSE #: 12 654 987

PRIMARY LANGUAGE: ENGLISH SECONDARY LANGUAGE: SPANISH EDUCATION LEVEL: MSBA

ADDRESS: HIDDEN BRANCHES CIR, ALLENTOWN, PA 18001 ADDRESS TYPE: OWN

START OF RESIDENCE: Year: 2005 --- Month: 11

HOME PHONE #: (610) 555-2345 CELL PHONE #: (484) 555-2345 Email: jane.jones@anywhere.com

PREFERRED METHOD OF CONTACT: HOME

AUTHOR OF THIS FORM (NOT PATIENT): RELATIONSHIP OF AUTHOR TO PATIENT: SELF

PATIENT EMPLOYMENT STATUS: EMPLOYED PATIENT OCCUPATION: MANAGER

PATIENT EMPLOYER: ACME, CORP. START OF EMPLOYMENT: Year: 18 --- Month: 3

WORK PHONE: (484) 555-2345 WORK EMAIL: jane.jones@acme.com

powered by IMS-MPC.COM

Mobile Patient Communicator

Patient-Initiated Instant Medical History



Jan 3, 2011 5:51 AM
Dr. James Kildare

Chief Complaint
Jane S Doe is a 27 year old female. Her reason for visit is "headaches".

History of Present Illness
#1. "headaches"
Location
She reported: Headaches localized to a pinpoint location.
Quality
She denied: Pressing steady pain headaches. Vise-like or band-like headaches. She reported: No change in headache quality or description since last visit.
Severity
She reported: Average headaches mild. Headaches mild severity rated 1-2/10 on average.
She denied: Headaches worse since last visit.
Duration
She denied: Headaches last several days and lasting longer since last visit.
Timing
She reported: Several intense headaches daily lasting less than 5 minutes. 1-3 headache days in the last three months.
She denied: Headaches more frequent since last visit.
Context
She reported: Headache is the main reason for visit.
Modifying Factors
She denied: Headaches precipitated or aggravated by stress, tension, or excitement. Headaches caused by coughing or sneezing. Headaches precipitated by physical activity. Headaches associated with photophobia and phonophobia. Headaches relieved by rest and heat or massage.
Associated Signs and Symptoms
She reported: Headache prodrome.
She denied: Headache aura of visual disturbance. Headaches associated with anorexia, nausea and vomiting, and paresthesias.

Past, Family, and Social History
Past Medical History
History of: Last visit for headaches less than three weeks ago. Prior diagnosis of tension headache.
Accidents and Injuries
She denied: Head injury since last visit.
Social History
She reported: Employment status employed for wages.
Activities for Daily Living
History of: Pain interfered a little with normal work in the past 4 weeks. Missing 1 work day in past 3 months due to migraine headaches.
She denied: Reduced productivity doing housework because of migraine headaches and at work because of migraine headaches. Headaches cause more disability. Missing housework because of migraine headaches and leisure activities in the last 3 months because of headaches.

Medication History
Ongoing Medications
She denied: Medication for headaches since last visit.
Complementary Medicines
She denied: Alternative treatments since last visit.

Review of Systems
Ear, Nose, and Throat
She denied: Taste perversion.

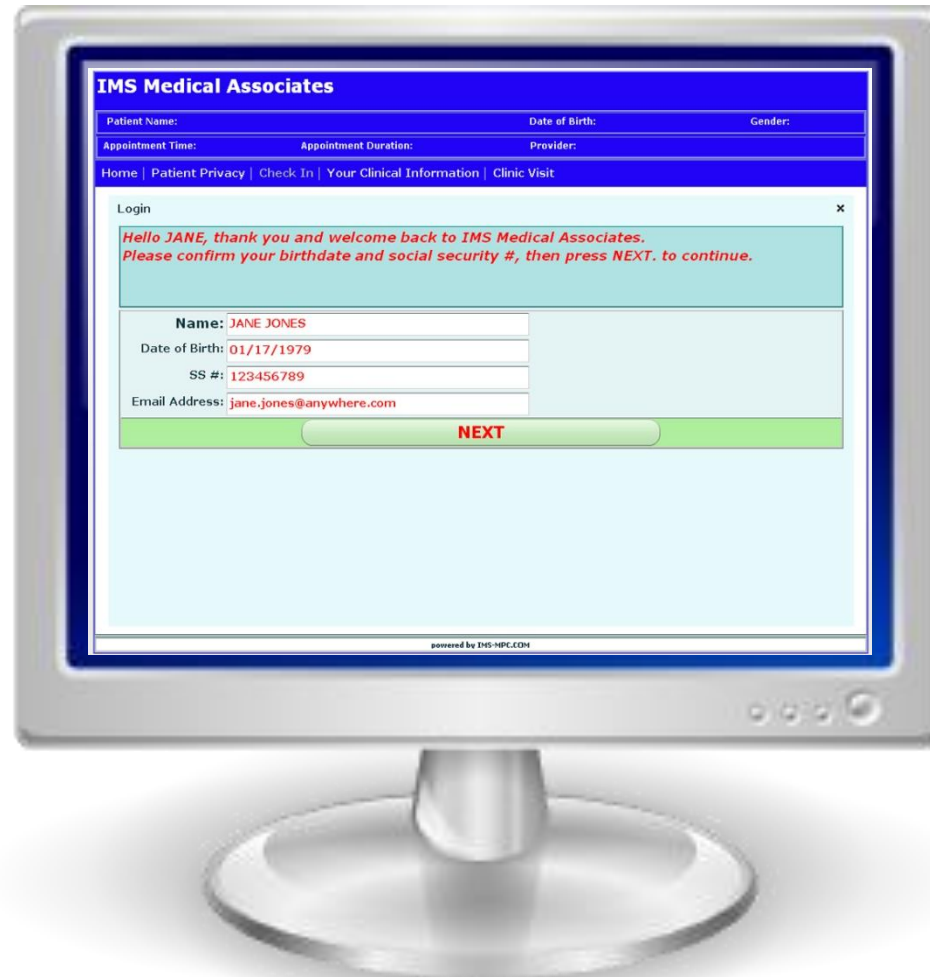
Risk Factors
Patient Issues
• 10 - 50 : Mild disability
• 51 - 100 : Moderate disability
• 101 - 150 : Severe disability

Reference:

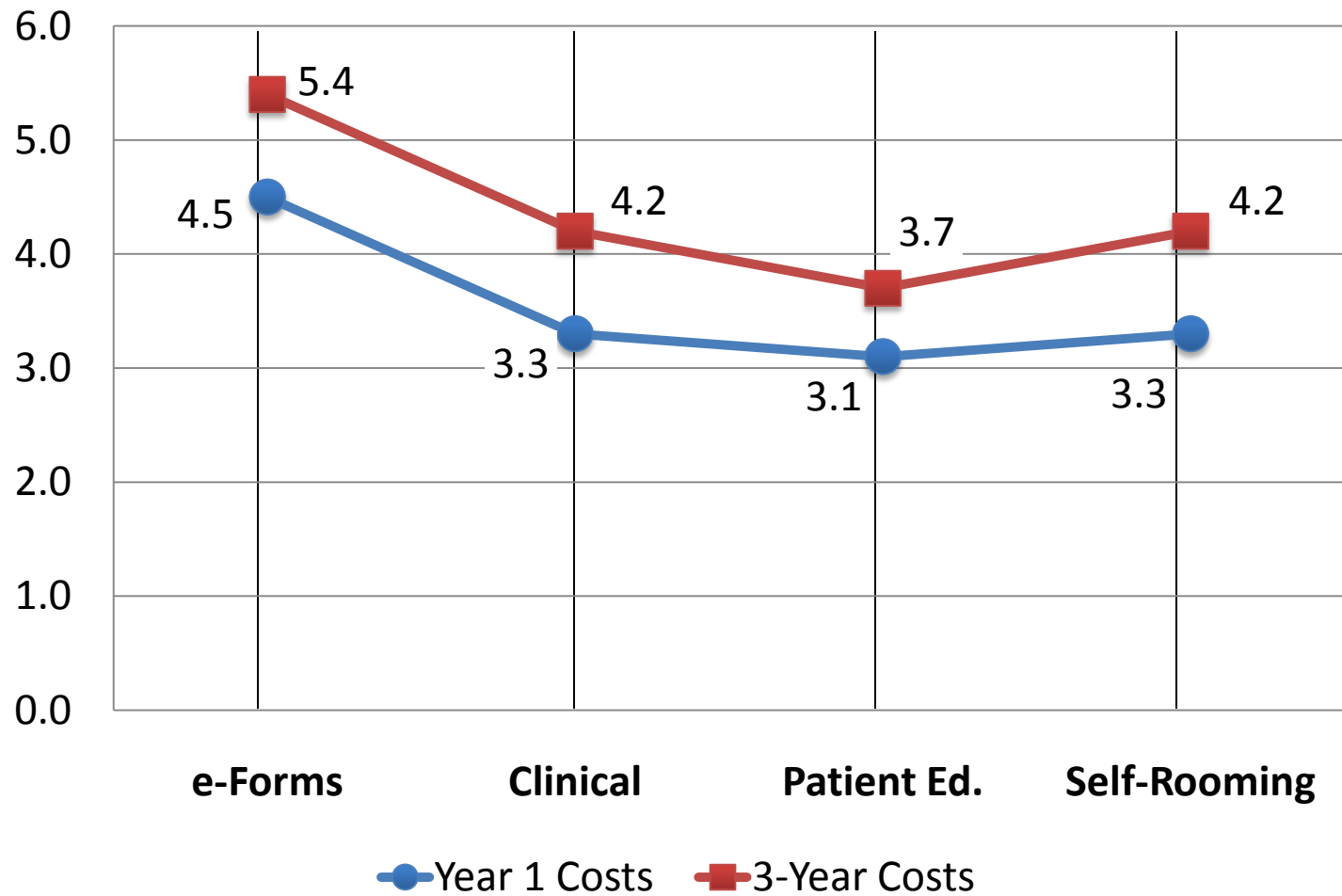
Patient Education



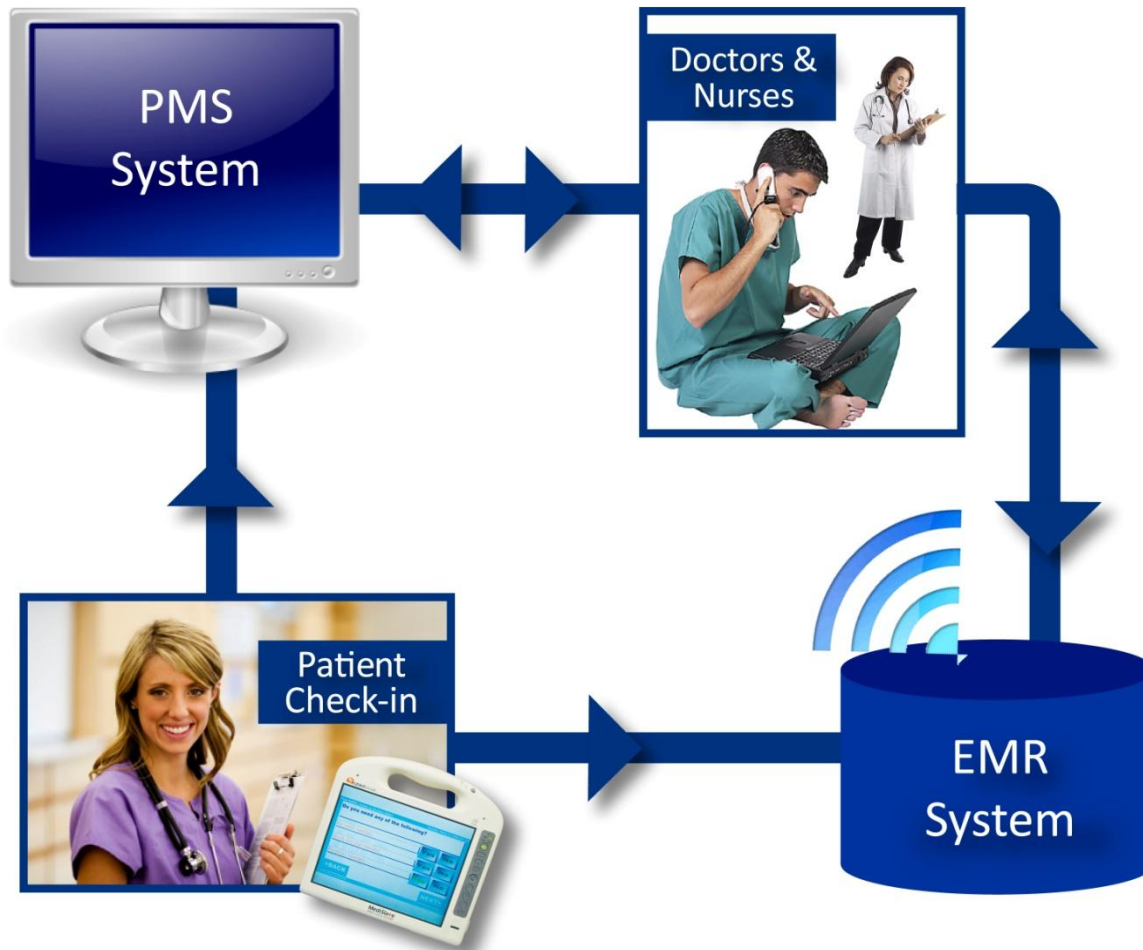
Live Demo



The Breakeven Timeframe is Measured in Months



Summary: The MPC Helps to Integrate the Clinical Practice



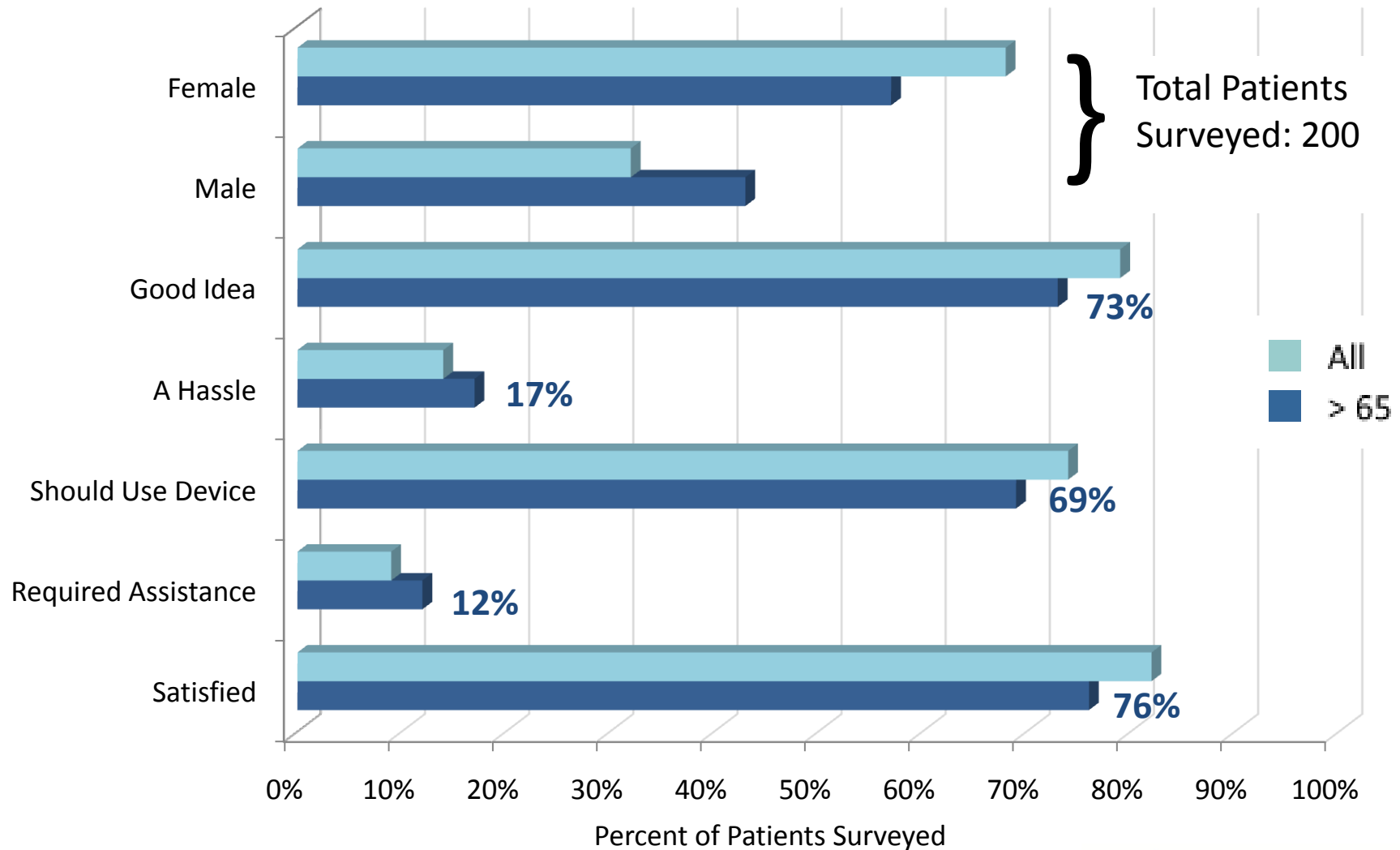
Highlights:

- Patient Check-In System integrates with PM and EMR Systems.
- Patient-Submitted demographic and clinical information uploaded electronically.
- Providers retrieve patient-submitted information remotely.
- Medical staff relieved of routine manual form processing and data entry.



Back-up

What's Impressive is ≥ 65 Year-Old Patients Were Satisfied with the MPC



Product Summary

Registration/ Check-in

- Password-Protected Check-in
- eForms
 - Personal profile
 - Informed consent
 - Medical history
 - Medicare



Clinical Assessment

- Instant Medical History
- Medication Reconciliation

Patient Education (Wireless Videos)

- Chronic Disease Education
- Procedure Explanation
- Comprehension Assessment
- Physician Access to Real-Time Results

Self-rooming

- Electronic Exam Room Assignment
- Digital Map/Escort
- Messaging for Updates

Deploying Our Technology Creates Time for Doctors

Value Creation Analysis – IMH/Patient Education

Patients/Doctor/Day	18
Time Saved/Patient	<u>X 5 min</u>
Time Created/Doctor/Day	90 min
Increased Patient Throughput/Doctor/Day	6
Increased Patient Throughput/Doctor/Week	30
(Assume 50% realized)	15
Incremental Revenue/New Patient	\$100
Potential Incremental Revenue/Doctor/Week	\$1,500
Potential Incremental Revenue/Doctor/Month	\$6,000
Potential Incremental Revenue/Doctor/Year	\$72,000*

(*excludes additional value – dictation costs, research time, etc.)

Value Creation Analysis – Electronic Forms

Patients/Doctor/Day	18
Annual Patient Visits	3,888
Scanning Cost/Minute	\$0.43
Forms Completed Per Visit	3
Total Forms Completed Annually	11,664
Production Cost Per Manual Form	\$0.10
Total Costs of Manual Forms	\$1,166
Scanning Costs for Forms	\$15,188
Total Potential Annual Savings	\$16,354
Total Potential Monthly Savings	\$1,363

* Per Doctor

Value Creation Analysis – Self-Rooming

Patients Roomed Per Day	36
Patients Roomed Annually	7,776
Escort Time Saved Per Patient(Mins)	1.40
Escort Time Saved Per Day (Mins)	50.40
Additional Follow-up Calls to Patients Per Day	10
Unnecessary Medicare Visits Preempted/Week	5
Increased Capacity for Commercial Visits/Week	5
Additional Weekly Revenue From Commercial Visits	\$500
Additional Monthly Revenue From Commercial Visits	\$2,000
Additional Annual Revenue From Commercial Visits	\$24,000

*** Per Nurse**