

# THE EMERGING BENEFITS OF **EMR** USE IN AMBULATORY CARE IN CANADA

## BENEFITS

**\$200M** IN ANNUAL VALUE TO THE HEALTH SYSTEM AND PATIENTS IN 2015

**\$95M**  
REDUCED  
STAFF TIME ON  
CHART  
MANAGEMENT



**\$46M**  
AVOIDED  
DUPLICATE  
LAB TESTS



**\$37M**  
AVOIDED  
DUPLICATE  
DIAGNOSTIC TESTS



**\$13M**  
REDUCED ADVERSE  
DRUG EVENT  
HOSPITALIZATIONS



**\$4M**  
AVOIDED  
UNNECESSARY  
DELAYS IN CARE



**1.2M**

ADDITIONAL  
PATIENT VISITS  
IN 2015



SPECIAL FOCUS ON VALUE  
IN OUTPATIENT CANCER CARE

**15,500**  
ADDITIONAL  
RADIATION  
TREATMENTS



**4,000**  
ADDITIONAL  
CHEMOTHERAPY  
TREATMENTS



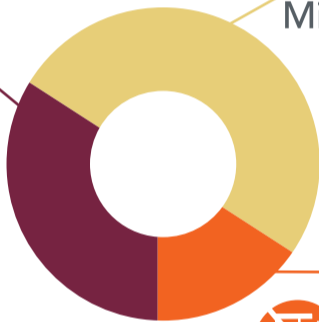
**201,000**  
DAYS SAVED FROM  
CONSULTATION  
TO FIRST CANCER  
TREATMENT



## HOW AMBULATORY CLINICS DOCUMENT PATIENT INFORMATION

**33%**

Entirely  
paper  
based



**51%**

Mixed paper /  
Electronic



**16%**

Nearly  
paperless



**2 IN 3**

**EMR ENABLED CLINICS**

STRUGGLE WITH MULTIPLE  
ELECTRONIC SYSTEMS AND  
MULTIPLE LOGIN  
REQUIREMENTS, A KEY  
BARRIER TO REALIZING VALUE

## QUALITY OF CARE IS DRIVEN BY MATURITY OF USE AND INTEROPERABILITY

### EMR use setting the foundation for Quality of Care

Clinics with access to **external data sources**, that use more **advanced functions**, and have transitioned to a **fully paperless** environment are significantly\* more likely to report that EMR use has had a beneficial impact on improving quality of care

Overall,  
**57%** of **EMR enabled clinics** report that EMR use has been beneficial or very beneficial for improving quality of care

Source: Infoway analysis,  
(Harris-Decima 2016)



**66%**

access to external  
data sources



**74%**

using 5 or more  
functions



**87%**

fully paperless

**EMR USE  
SUPPORTS  
EMERGING  
BENEFITS OF**

**ADHERENCE TO  
TREATMENT  
GUIDELINES**



**IMPROVED  
SCHEDULING**



**ANALYTICS**



Want to learn more or access our resources? Search our many reports at

<https://www.infoway-inforoute.ca/>



INFOWAY COMMISSIONED PWC TO CONDUCT A STUDY TO DETERMINE THE CURRENT AND EMERGING BENEFITS OF EMR USE IN AMBULATORY CARE IN CANADA. THE STUDY DEMONSTRATES COMPELLING SUPPORT FOR ONGOING ADOPTION AND ADVANCING MATURITY OF USE IN CANADIAN AMBULATORY CARE CLINICS.



Canada Health Inforoute  
Santé Santé  
Infoway du Canada