



# **The Role of IT in the Innovation of Medical Practice**

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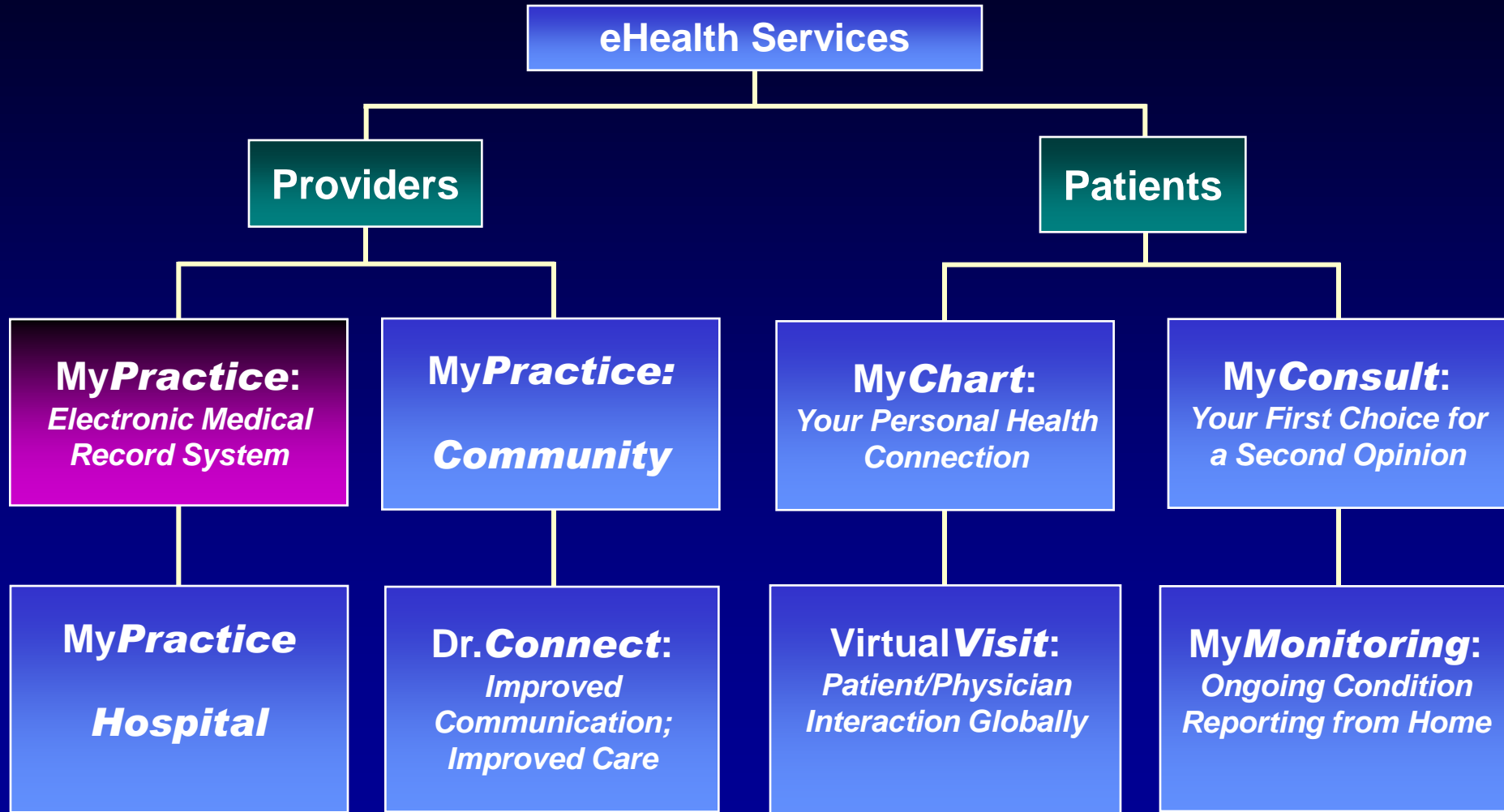
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**An enterprise-wide eHealth services program that is presently changing the paradigm of medical practice by applying Health IT solutions to improve patient care, enhance operational and administrative efficiency, reach out to patients and community physicians, and create new knowledge through ongoing research and education initiatives.**

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# **My*Practice* Electronic Medical Record**

## **Cleveland Clinic User and Encounter Statistics Through September, 2011**

<b>Physicians:</b>	<b>7,043</b>
<b>Residents / Fellows:</b>	<b>2,553</b>
<b>Pharmacists:</b>	<b>393</b>
<b>Other End Users:</b>	<b>38,776</b>
<b>Patients in the EMR:</b>	<b>6,351,317</b>
<b>Encounters:</b>	<b>35,591,311</b>
<b>Prescriptions:</b>	<b>70,720,222</b>
<b>Orders:</b>	<b>218,125,905</b>
<b>Total Results:</b>	<b>703,501,604</b>

# **My*Practice* Electronic Medical Record**

## **Ambulatory Functionality**

- **Messaging**
- **Schedule**
- **Results**
- **Documentation**
- **Physician Order Entry**
- **Best Practice Alerts**

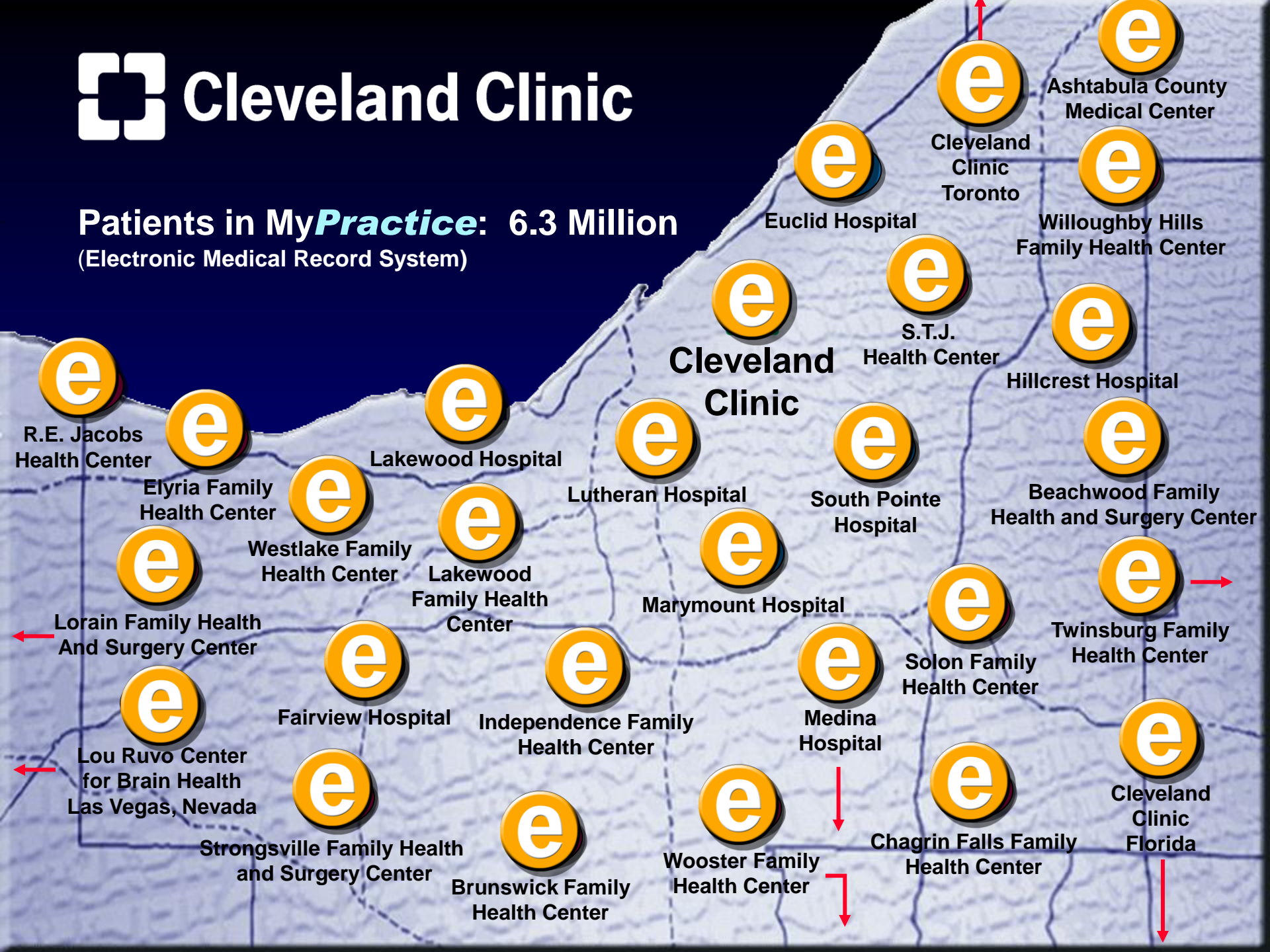
# **My*Practice* Electronic Medical Record**

## **Inpatient Functionality**

- **Inpatient Census**
- **All Results**
- **Medication Administration Record**
- **Vital Signs and I&O**
- **Documentation**
- **Computerized Physician Order Entry (CPOE)**

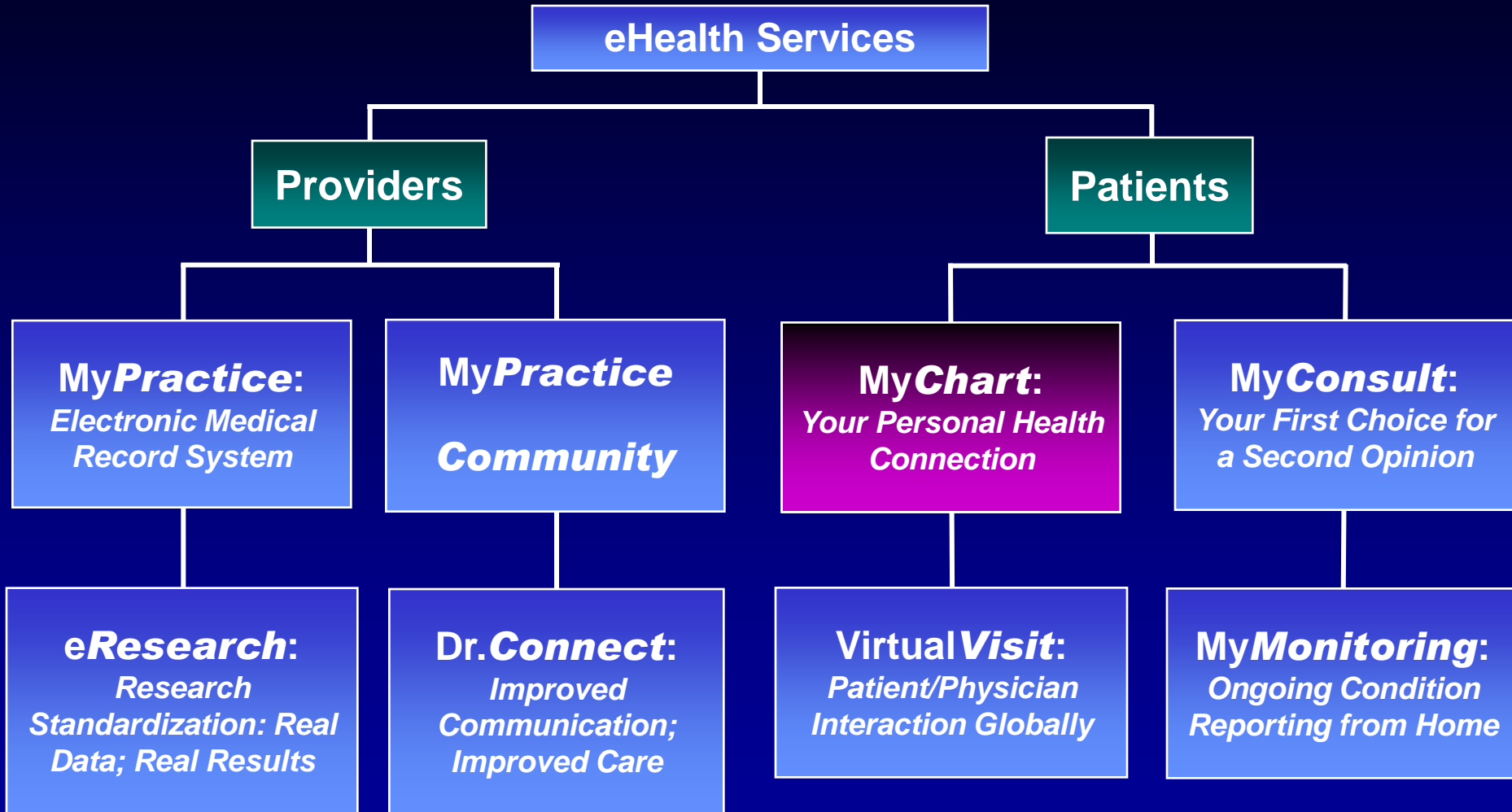


**Patients in MyPractice: 6.3 Million**  
(Electronic Medical Record System)



- R.E. Jacobs Health Center
- Elyria Family Health Center
- Westlake Family Health Center
- Lorain Family Health And Surgery Center
- Lou Ruvo Center for Brain Health Las Vegas, Nevada
- Strongsville Family Health and Surgery Center
- Brunswick Family Health Center
- Lakewood Hospital
- Lakewood Family Health Center
- Fairview Hospital
- Independence Family Health Center
- Brunswick Family Health Center
- Lutheran Hospital
- Marymount Hospital
- Wooster Family Health Center
- Cleveland Clinic
- Euclid Hospital
- South Pointe Hospital
- Medina Hospital
- Chagrin Falls Family Health Center
- Cleveland Clinic Toronto
- S.T.J. Health Center
- Hillcrest Hospital
- Beachwood Family Health and Surgery Center
- Solon Family Health Center
- Chagrin Falls Family Health Center
- Ashtabula County Medical Center
- Willoughby Hills Family Health Center
- Twinsburg Family Health Center
- Cleveland Clinic Florida

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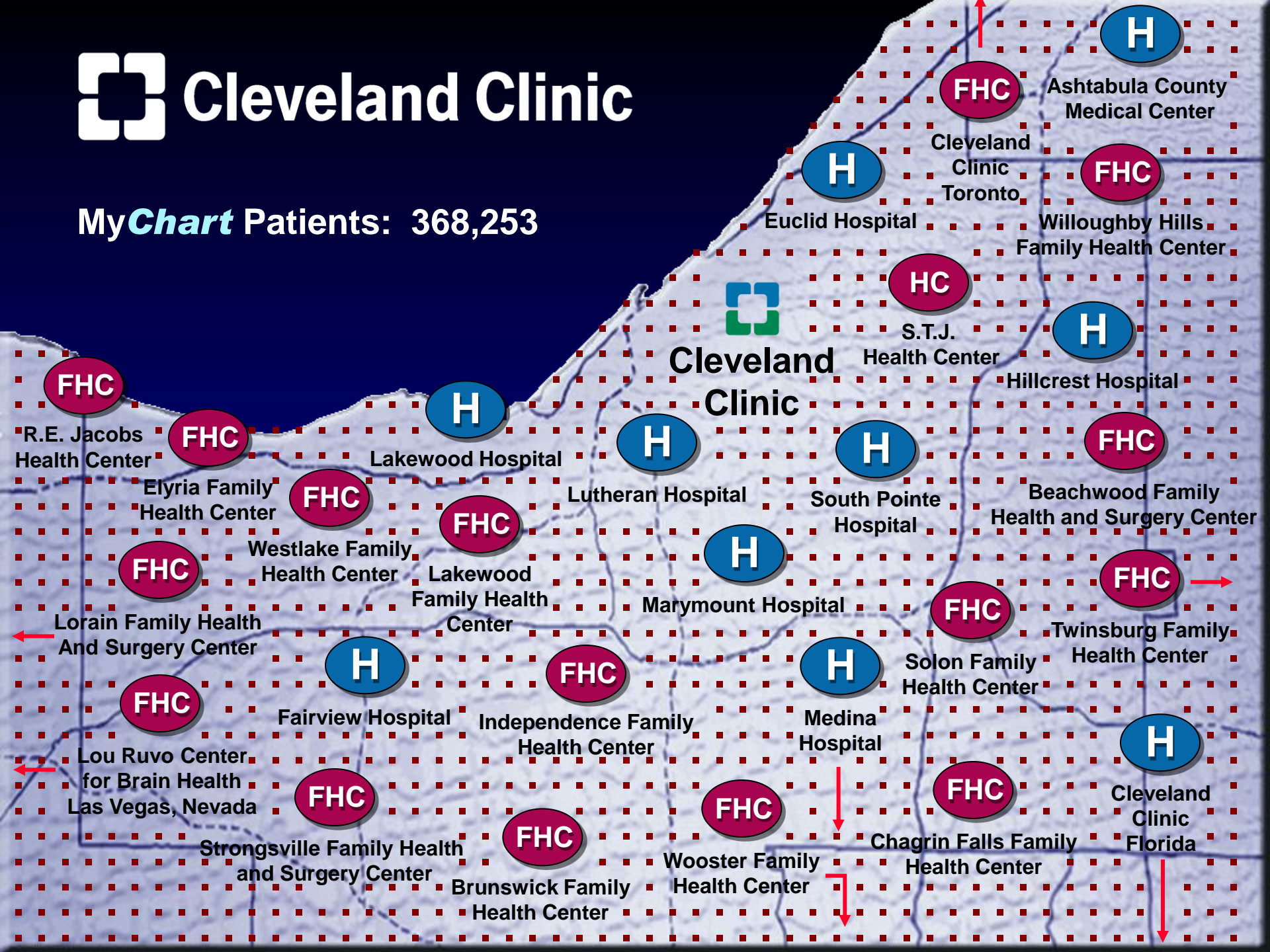
# e | Cleveland Clinic **MyChart**

## **Patient Services**

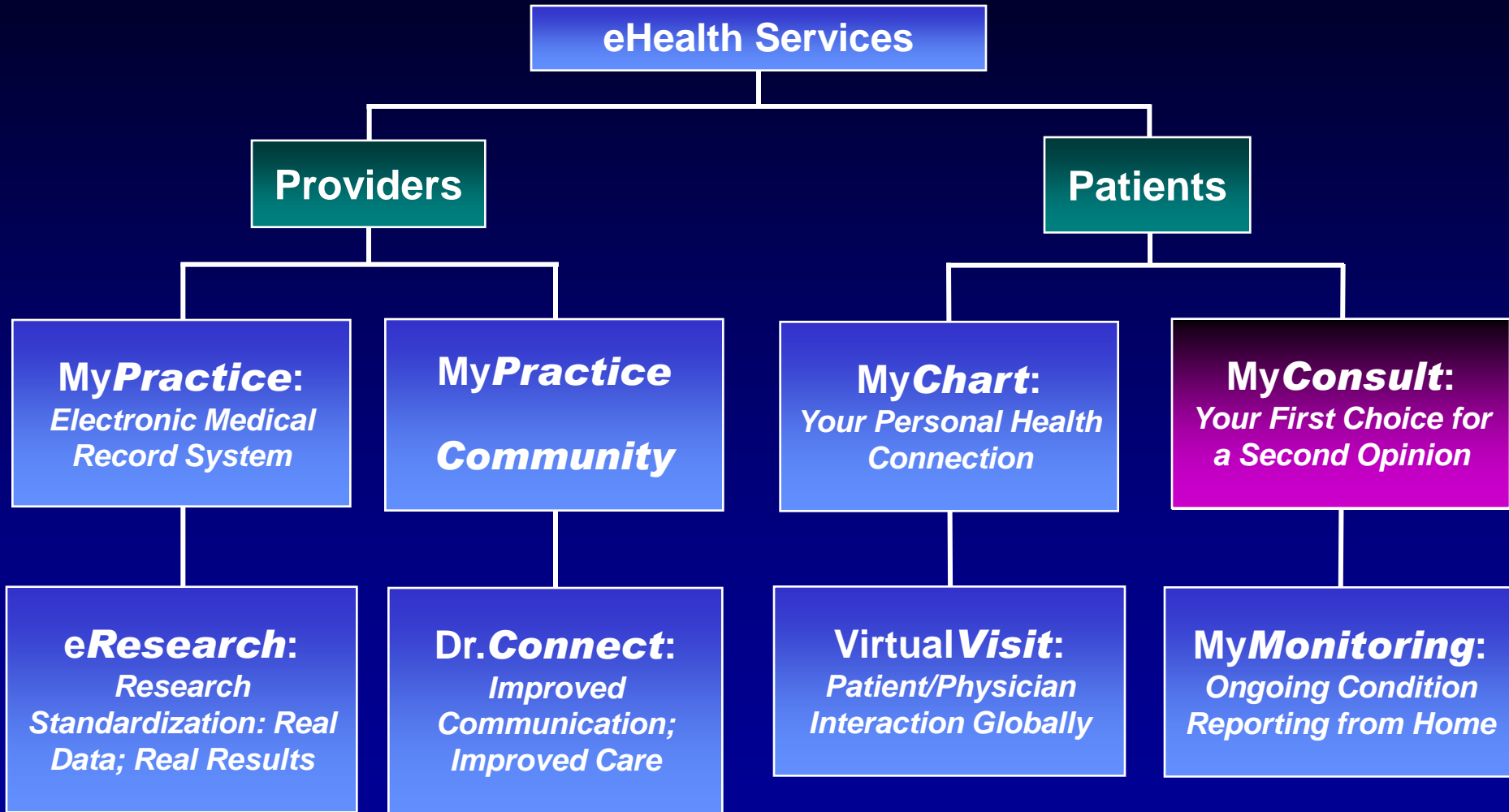
- **View medical information**
- **View health reminders**
- **View schedule**
- **Prescription renewal request**
- **Online appointment scheduling**

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MyChart Patients: 368,253



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# Health Care Process



**Symptoms**

**Primary Diagnosis**

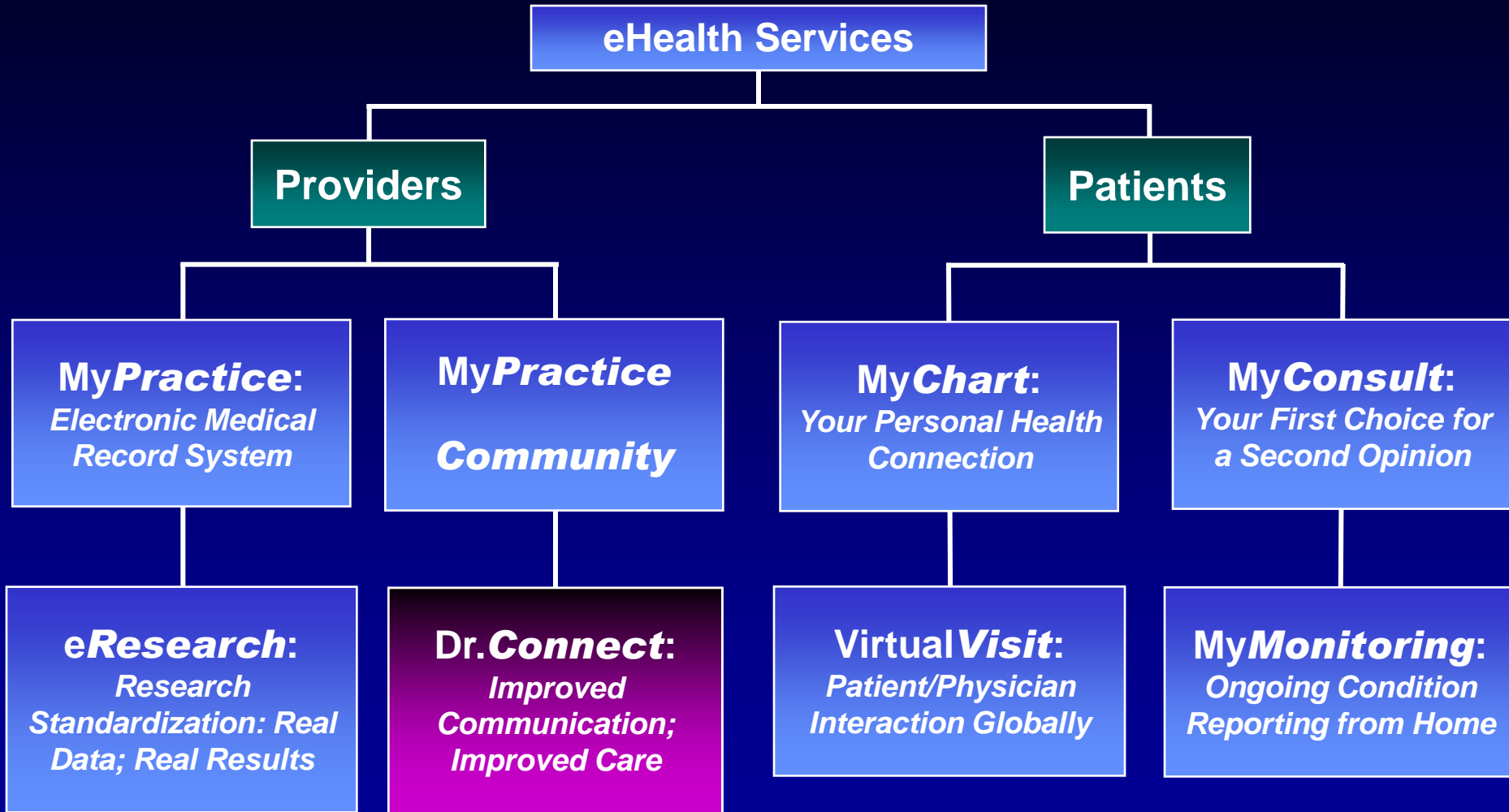
**Recommendation**

**Second Opinion**

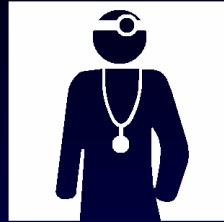
**Confirmation**

**Alternatives**

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4. Patient returns to referring physician for ongoing follow-up care



1. Community physician refers patient for specialty treatment



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**DrConnect**  
*Improved communication; improved care*



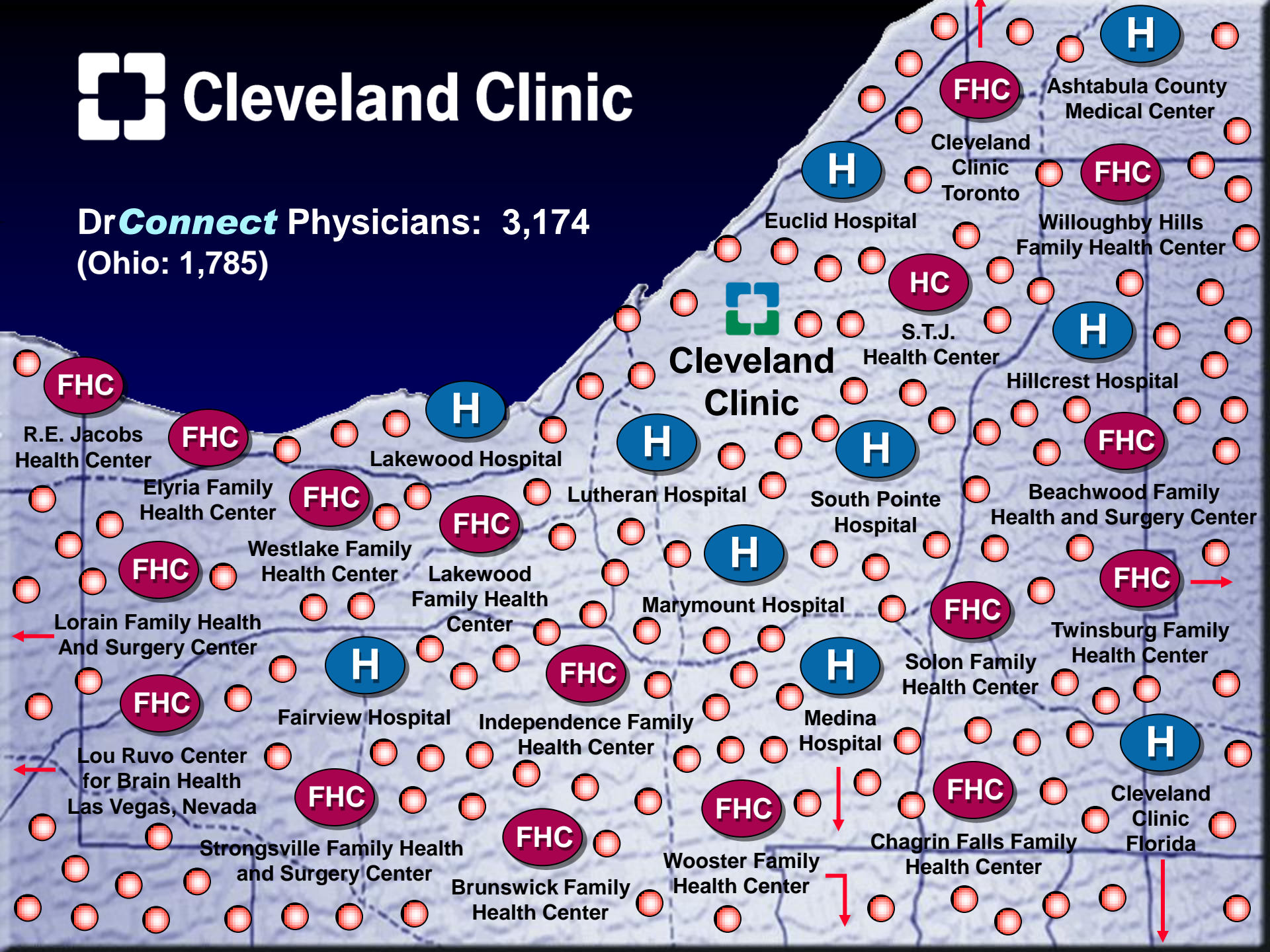
3. Referring physician follows patient progress in real time through **DrConnect** online connectivity service



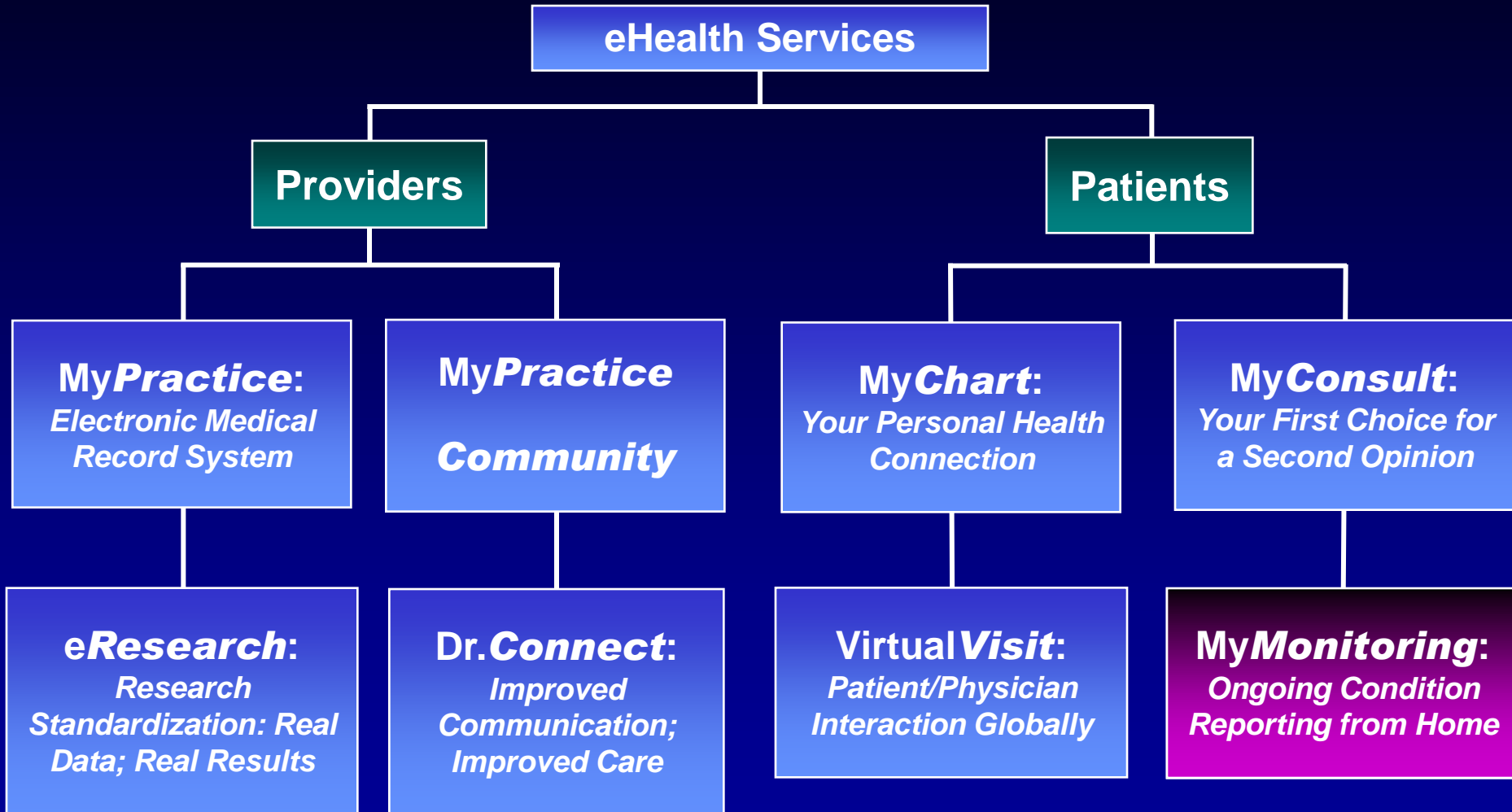
2. Patient treatment progress documented in **MyPractice** electronic medical record system



**DrConnect Physicians: 3,174**  
**(Ohio: 1,785)**

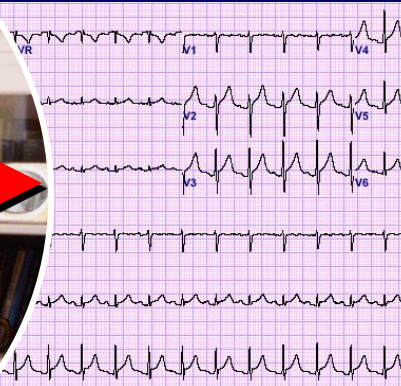


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# MyMonitoring



Hyperspace - MJ16 - CC7 IT157 - CARD EPS MAIN

Desktop | Action | Patient Care | Reg/ADT | Referrals | Reports | Tools | Admin | Help

Schedule | In Basket | Review | Encounter | Enter/Edit | Tel Enc | Retail | Letter | Print | Secure | Log Out

Home

Age Sex DOB MRN Allergies PCP Type MyChart  
M Not On File (None) Inactive

Activities | Flowsheet Report

Select Flowsheet(s): CARD ACTIVE LEADS [314]

Flowsheets

	5/14/2004	5/12/2004	5/10/2004
CARD ACTIVE LEADS			
LEAD1-DEVICE MFG	Medtronic	Medtronic	Medtronic
LEAD1-DEVICE MODEL	5076	5076	5076
LEAD1-DEVICE SERIAL NUMBER	PJN186688V	PJN186688V	PJN186688V
LEAD1-DEVICE IMPLANT DATE	06/07/2002	06/07/2002	06/07/2002
LEAD2-DEVICE MFG	Medtronic	Medtronic	Medtronic
LEAD2-DEVICE MODEL	5076	5076	5076
LEAD2-DEVICE SERIAL NUMBER	PJN190975V	PJN190975V	PJN190975V
LEAD2-DEVICE IMPLANT DATE	06/07/2002	06/07/2002	06/07/2002
LEAD3-DEVICE MFG	Medtronic	Medtronic	Medtronic
LEAD3-DEVICE MODEL	4968	4968	4968
LEAD3-DEVICE SERIAL NUMBER	LEN010741R	LEN010741R	LEN010741R
LEAD3-LOCATION	Coronary Sinus	Coronary Sinus	Coronary Sinus
LEAD3-DEVICE IMPLANT DATE	07/02/2002	07/02/2002	07/02/2002

Key: Abnormal (Blue dot), Panic (Red dot)

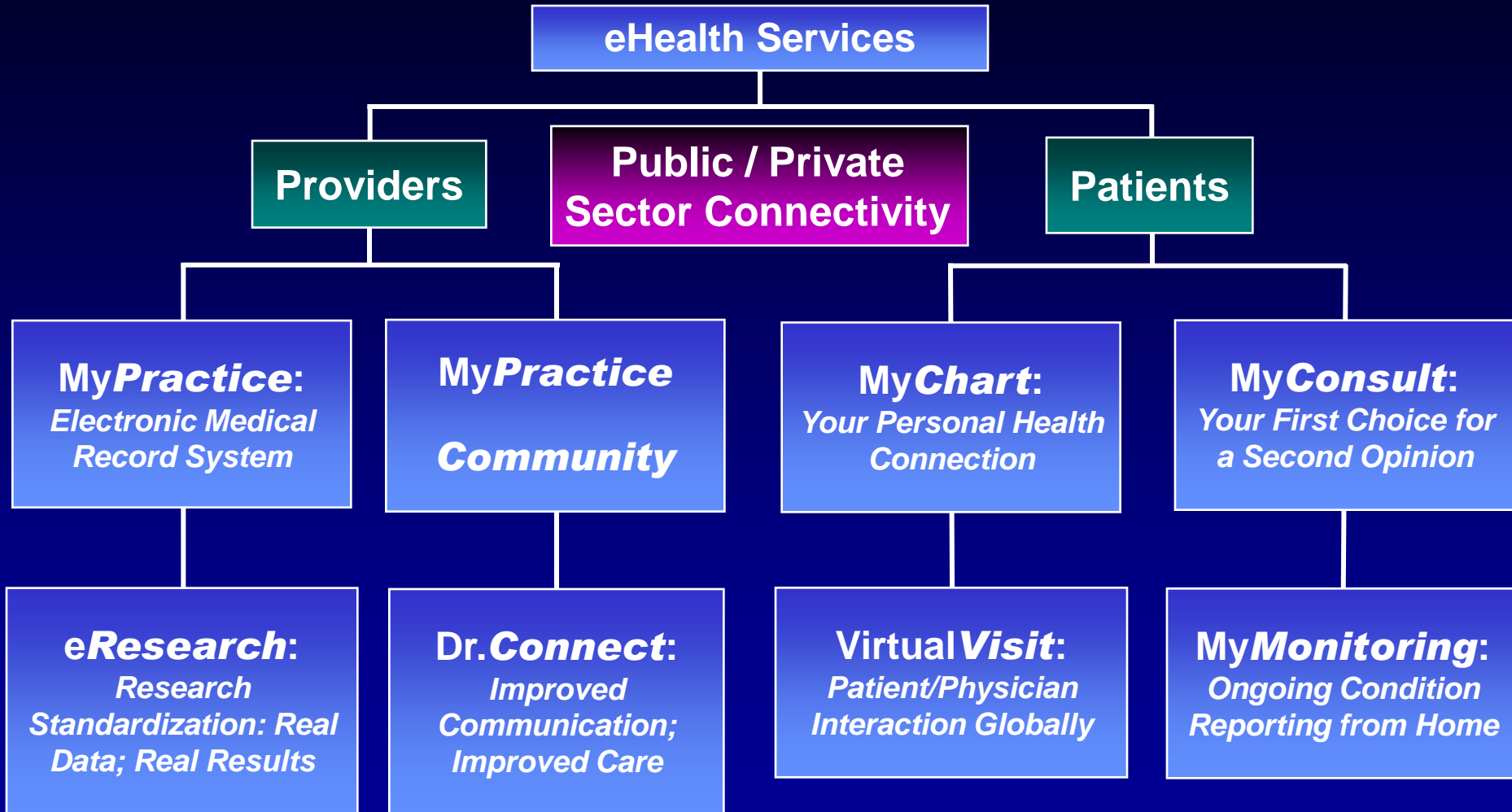
Dates in | Columns | Rows

Refresh | Print Flowsheet | Graph Region

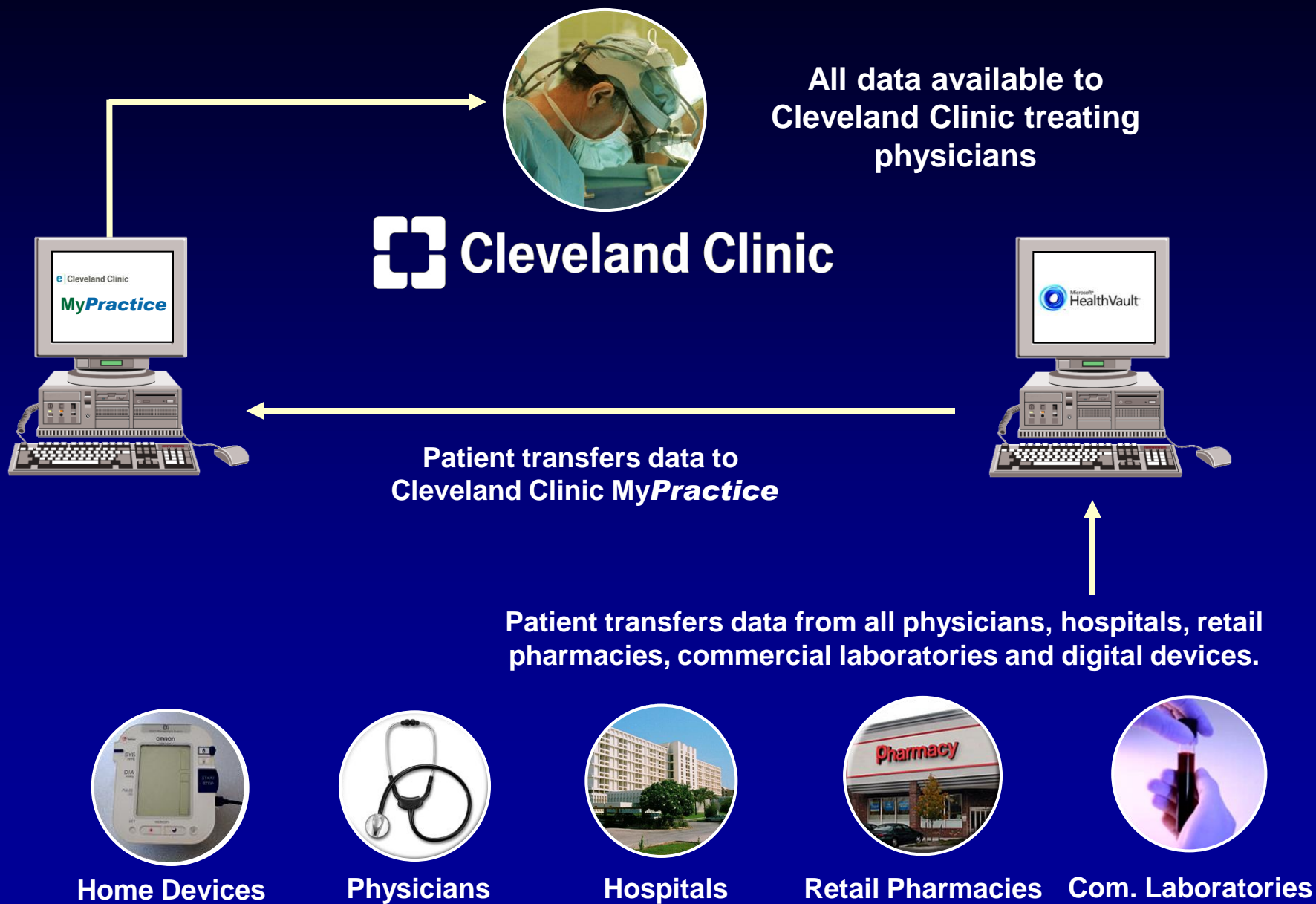
Exit Workspace

2:52 PM

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# True Value of Health Data Exchange to Cleveland Clinic Patients



# **What eHealth Services Offer the Contemporary Healthcare Consumer**

- A transition from a provider-driven to a consumer-driven model of healthcare delivery.**
- Empowered patients with enhanced and convenient access to personalized and reliable health-related information.**
- A whole new way of requesting and receiving a variety of health-related services anytime, anywhere.**



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**Every life deserves world class care.**