

**PREVENTION FOR STATES  
AWARDEE MEETING – MAY 4,  
2016**

**–  
“PMP DATA INTEGRATION  
INTO  
HEALTH IT SYSTEMS”**

**Craig Berberet, PMP Administrator**  
Illinois Prescription Monitoring Program  
Illinois Department of Human Services



# ILLINOIS PMP OVERVIEW

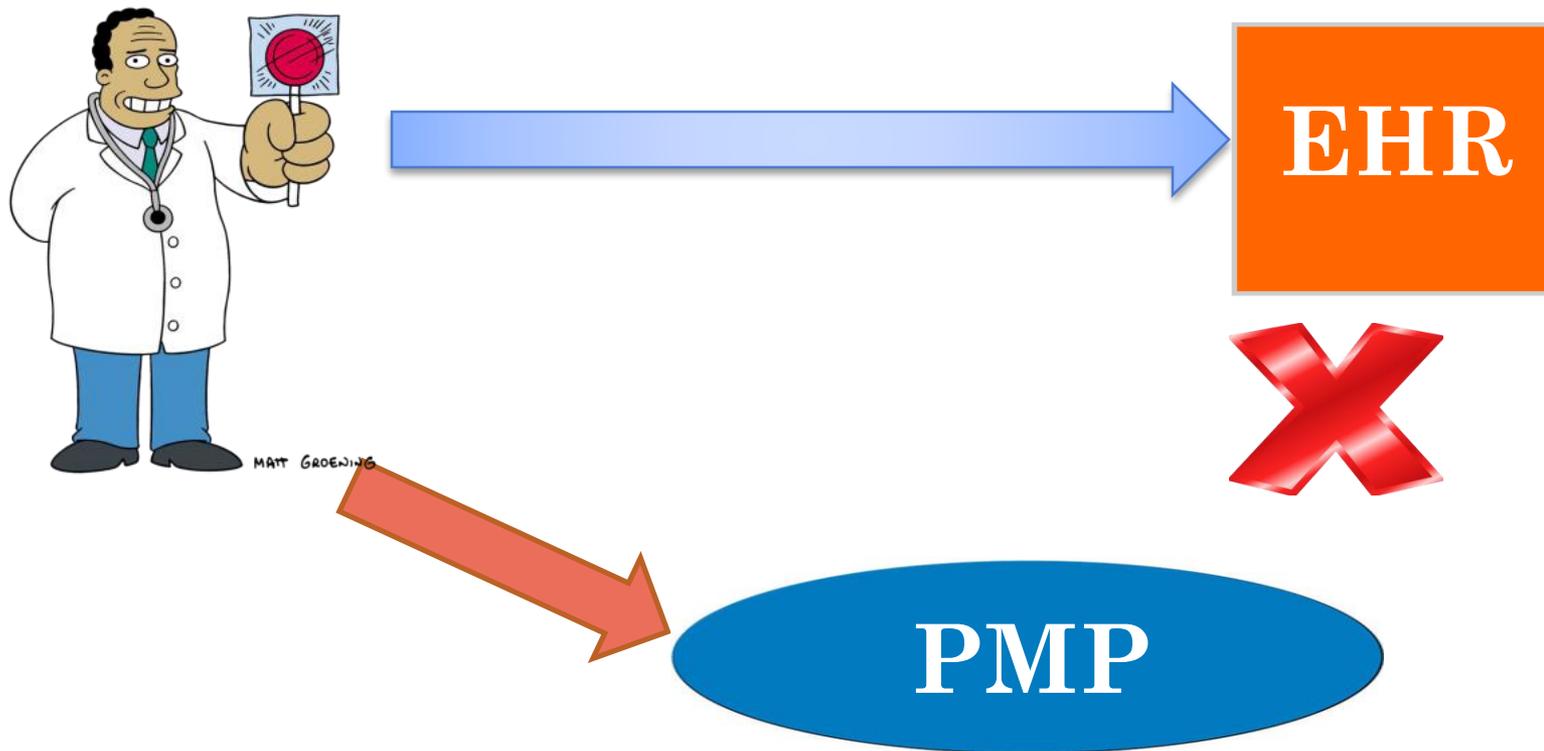
- **Healthcare based**
- **PMP website**
- **Collect all schedules**
- **Daily Reporting**
- **30,000 users**
- **IL PMP is a home-grown system**

# ILLINOIS HEROIN CRISIS ACT

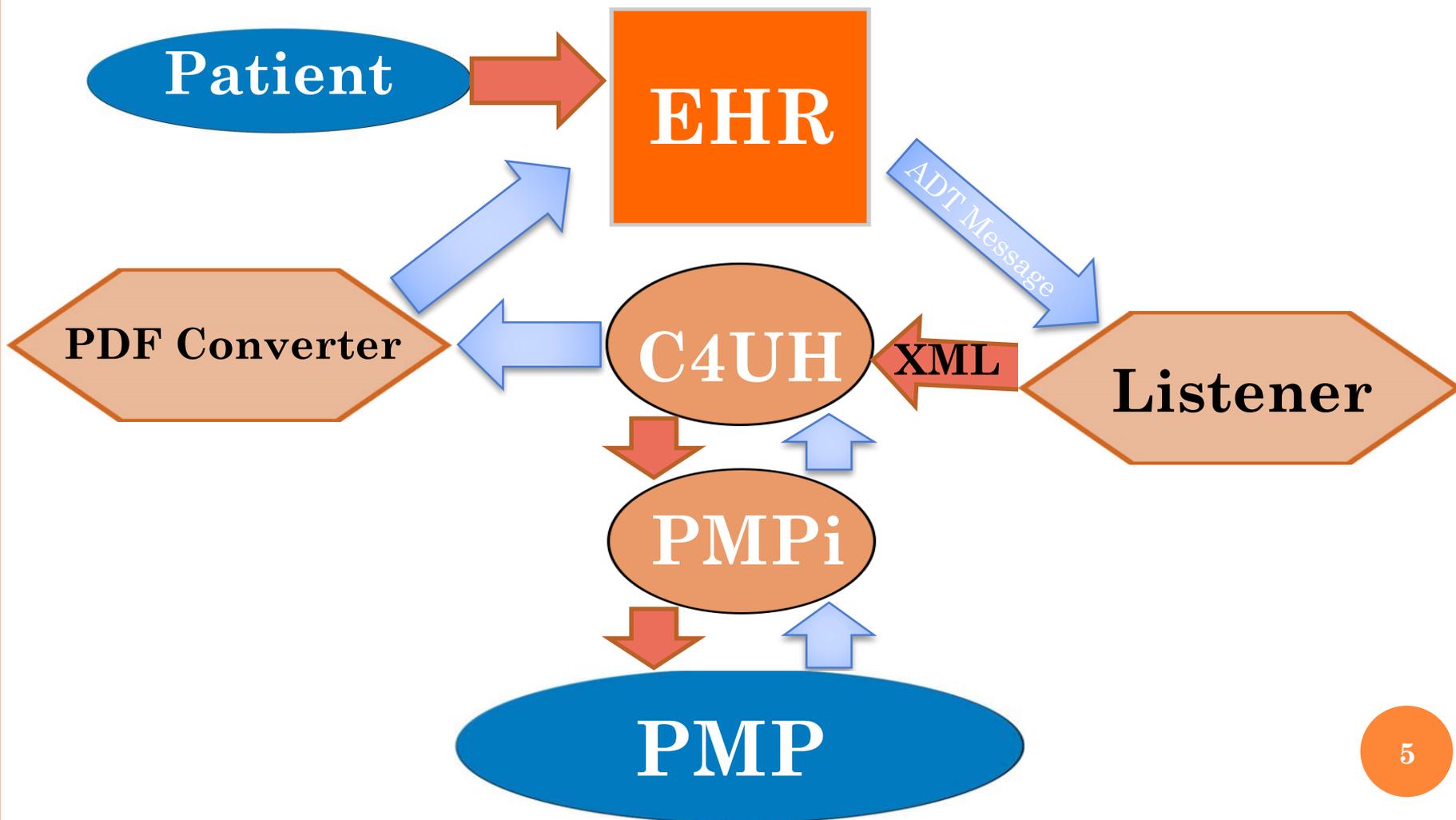
- **Naloxone** access
- **PMP Daily Reporting**
- PMP-EHR integration by **January 1, 2019**
- **Mandatory PMP enrollment**
- **Designees** authorized to utilize PMP

# CURRENT PMP SEARCH PROCESS

## Before Integration



# ANDERSON HOSPITAL PILOT PROJECT (2013)



# ANDERSON HOSPITAL REVAMP

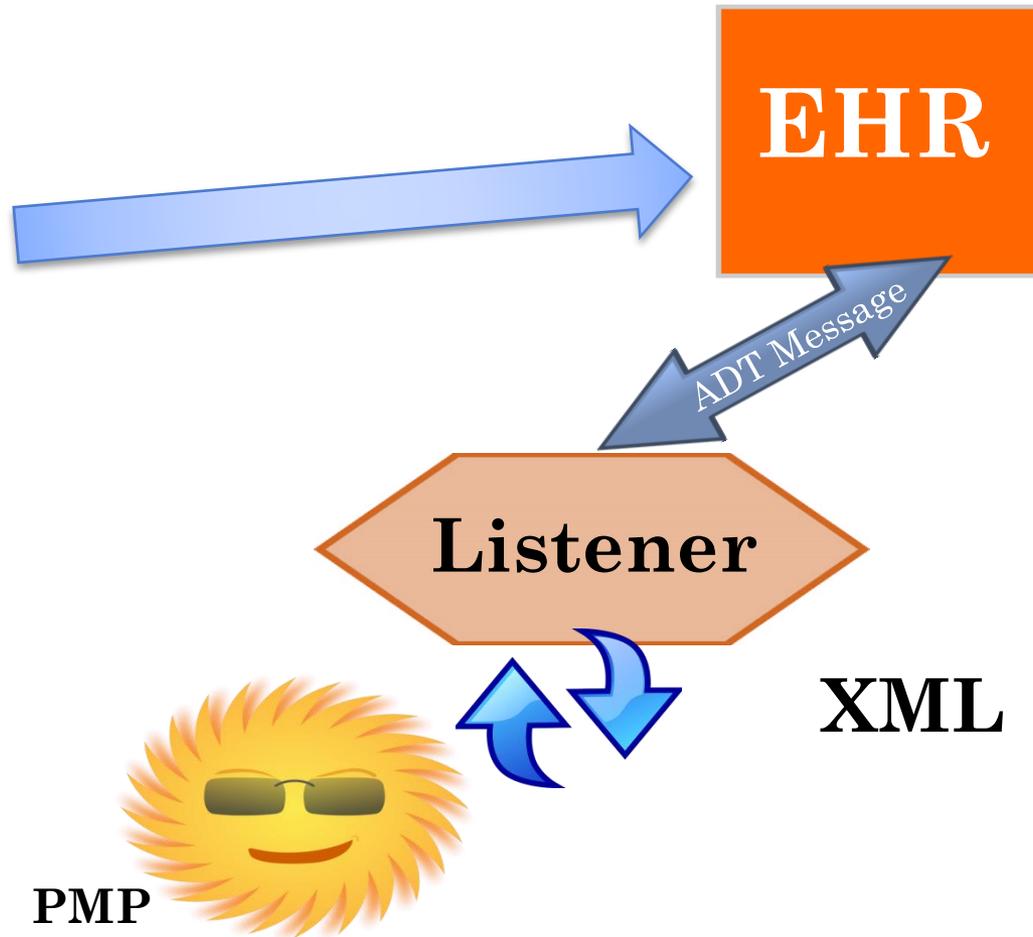
- **Anderson Hospital requested a cost effective solution:**
  - Two unnecessary hubs
  - Complex data flow
  - Potential monthly fees
- **PMP responded by developing a cost effective, direct connection**

# ILLINOIS AUTOMATED CONNECTION

- Open source web service solution
  - Compatible with disparate EHR systems
  - Encrypted and secure
  - Directly connects PMP to EHR user

# ANDERSON HOSPITAL TODAY

## After Integration



## Illinois Prescription Monitoring Program

401 North 4th Street  
Springfield IL 62702  
Phone (217)-685-0426  
Fax (217) 557-7975

URL: <https://www.ilpmp.org>

Date: 2016-04-26

Time: 14:48:58

Dear Clinician:

This is a current report from the Illinois Prescription Monitoring Program database of recently dispensed prescriptions of controlled substances for:

DALE DOBACK (DOB: 1966-12-26)

You may find this information useful for making decisions about the care of this patient.

Sincerely,

IL Prescription Monitoring Program

| DT Disp    | Qty | Strength   | Days | Drug Name                 | Dispenser          | City    | Prescriber      |
|------------|-----|------------|------|---------------------------|--------------------|---------|-----------------|
| 2015-09-13 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2015-08-30 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | WATSON, JOHN MD |
| 2015-07-15 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2015-06-20 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2015-05-30 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2015-05-01 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2015-04-01 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | WATSON, JOHN MD |
| 2015-03-01 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2015-02-01 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2015-01-01 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2014-11-01 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | WATSON, JOHN MD |
| 2014-09-30 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2014-08-30 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |
| 2014-07-28 | 120 | 7.5-500/15 | 30   | HYDROCODONE-ACETAMINOPHEN | YE OLE PILL SHOPPE | Chicago | Dr Moriarty     |

# ANDERSON HOSPITAL

## Before Integration

- **2 minutes**
- **200 requests**



## After Integration

- **1-2 seconds**
- **5,400 requests**
- **E.D., ambulatory services and ambulances**
- **5 locations**

## ANDERSON CLINICIAN FEEDBACK

*“Huge value add  
due to the EHR  
button, no need to  
log into the PMP  
manually”*

# ANDERSON IT DEPARTMENT FEEDBACK

- *“Estimated hospital staff time = 40% over two weeks”*
- *“Minimal IT maintenance once coding in place and system live”*

# SPRINGFIELD CLINIC SYSTEM

- **Allscripts EHR**
- **IT staff developed connection (two weeks)**
- **Utilized original SOAP based web service**
- **102 locations**

# SPRINGFIELD CLINIC SYSTEM

After Integration



PMP

**PMP Patient Lookup**

| Last Name             | First Name | Address | City | State | Postal Code | Birth Date | Sex | Date Filled | Label Name                               | Prescriber |
|-----------------------|------------|---------|------|-------|-------------|------------|-----|-------------|--|------------|
| <a href="#">SMITH</a> | JOHN       |         |      | IL    |             |            | M   | 2015-2-3    | <a href="#">HYDROCODON-ACETAMINOPHEN</a> |            |
| <a href="#">SMITH</a> | JOHN       |         |      | IL    |             |            | M   | 2015-1-19   | <a href="#">ZOLPIDEM TARTRATE</a>        |            |
| <a href="#">SMITH</a> | JOHN       |         |      | IL    |             |            | M   | 2014-12-30  | <a href="#">GUAIFENESIN-CODEINE</a>      |            |



**Patient Details**

|             |       |
|-------------|-------|
| Last Name   | SMITH |
| First Name  | JOHN  |
| Address     |       |
| City        |       |
| State       | IL    |
| Postal Code |       |
| Birth Date  |       |
| Sex         | M     |

**Medication Details**

|                   |                      |
|-------------------|----------------------|
| Date Filled       | 2015-2-3             |
| Strength          | 5MG-325MG            |
| Qty / Days Supply | 20/5                 |
| Payment Type      | Commerical Insurance |
| Pharmacy          |                      |
| Prescriber        |                      |
| Refills           | 00                   |
| Org Street        |                      |

**Pharmacy Details**

|                     |                |
|---------------------|----------------|
| Org State           | IL             |
| Org Zip             | 62896          |
| Org Phone           | (618) 937-2416 |
| Prescriber City     | DANVILLE       |
| Prescriber State    | IL             |
| Prescription Number | 142646437      |
| Written Date        | 2015-2-3       |
| Schedule            | 2              |
| NDC Number          | 00406012305    |



Search Results - HYDROCODON-ACETAMINOPHEN - National Library of Medicine - PubMed Health - Microsoft Internet Explorer provided

http://www.ncbi.nlm.nih.gov/pubmedhealth/?term=HYDROCODON-ACETAMINOPHEN

U.S. National Library of Medicine - The World's Largest Medical Library

**PubMed Health** PubMed Health HYDROCODON-ACETAMINOPHEN Search

Contents Behind Headlines What's New Featured review Understanding clinical effectiveness Blog

Home > Search Results

Article types Systematic reviews Clinician information

Added to PubMed Health In last 30 days Custom range...

Content providers AHRQ (US Agency for Healthcare Research and...

Did you mean: [hydrocodone acetaminophen](#) (14 items)

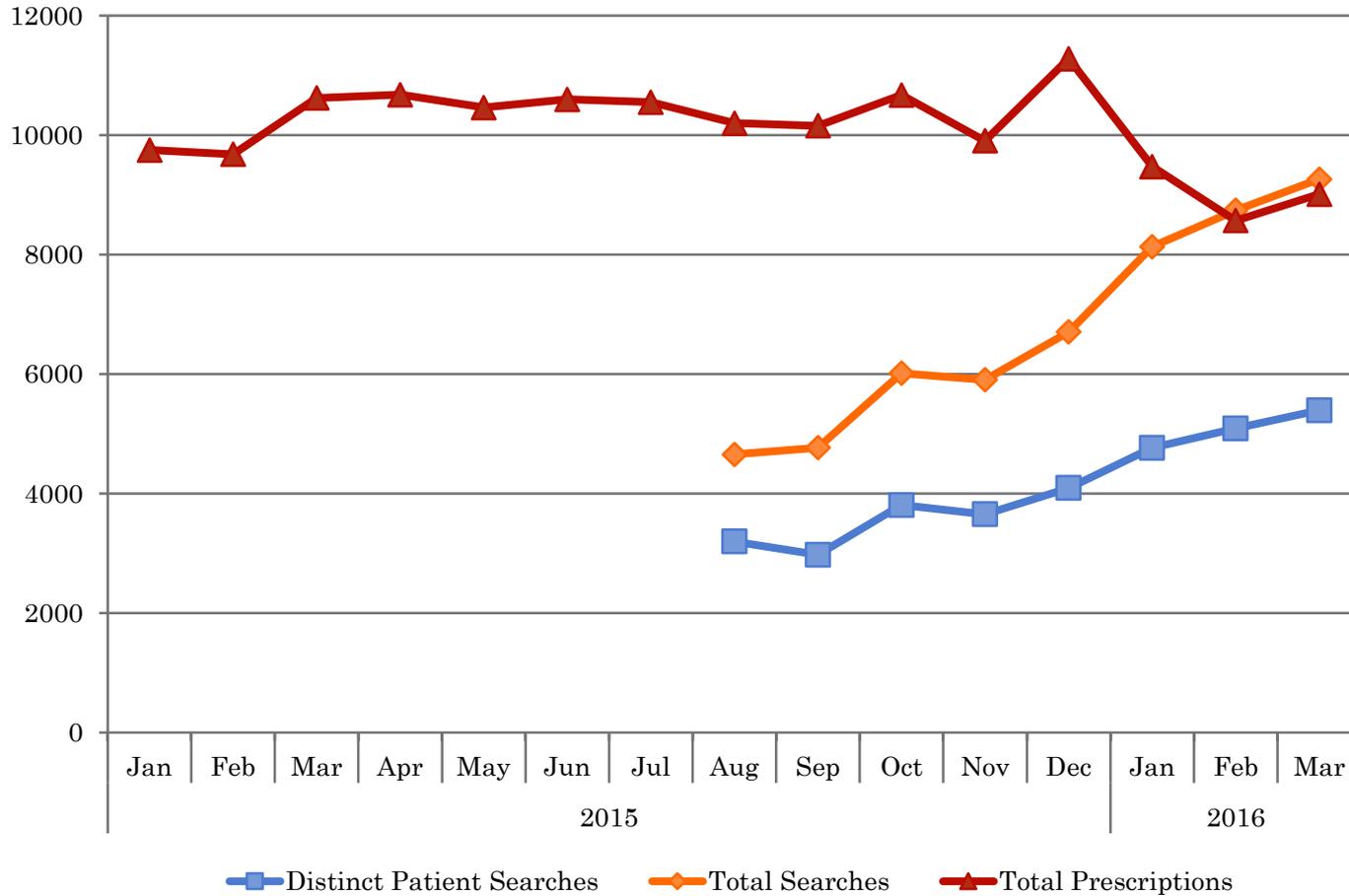
**About - Hydrocodone/Acetaminophen (By mouth)**  
 Treats pain. This medicine contains a narcotic pain reliever.  
 Uses•Side effects•Latest evidence reviews•Research summaries for consumers•Brand names

**Results: 14**  
[Drug Class Review: Drugs for Fibromyalgia: Final Original Report \[Internet\]](#)

Save search Save search as RSS

**Recent Activity**  
 Turn Off Clear  
 HYDROCODON-ACETAMINOPHEN (14) PubMed Health

# SPRINGFIELD CLINIC SYSTEM



# SPRINGFIELD CLINIC SYSTEM

## Before Integration

- **2 minutes**
- **300 requests**



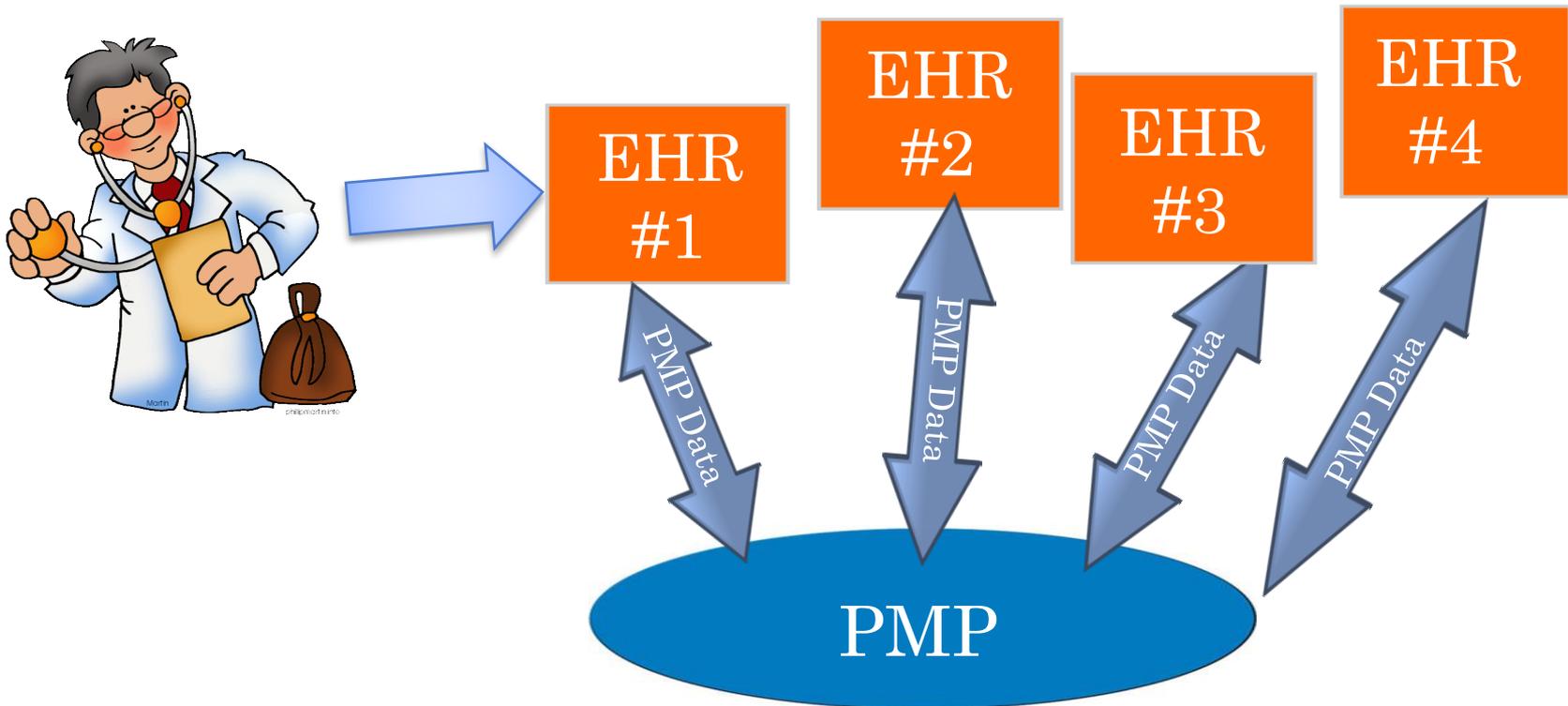
## After Integration

- **1-2 seconds**
- **6,500 requests**
- **102 locations**



# NORTHWESTERN MEMORIAL HOSPITAL

## EHR-PMP Pathway: After Integration



# CURRENT CONNECTIONS

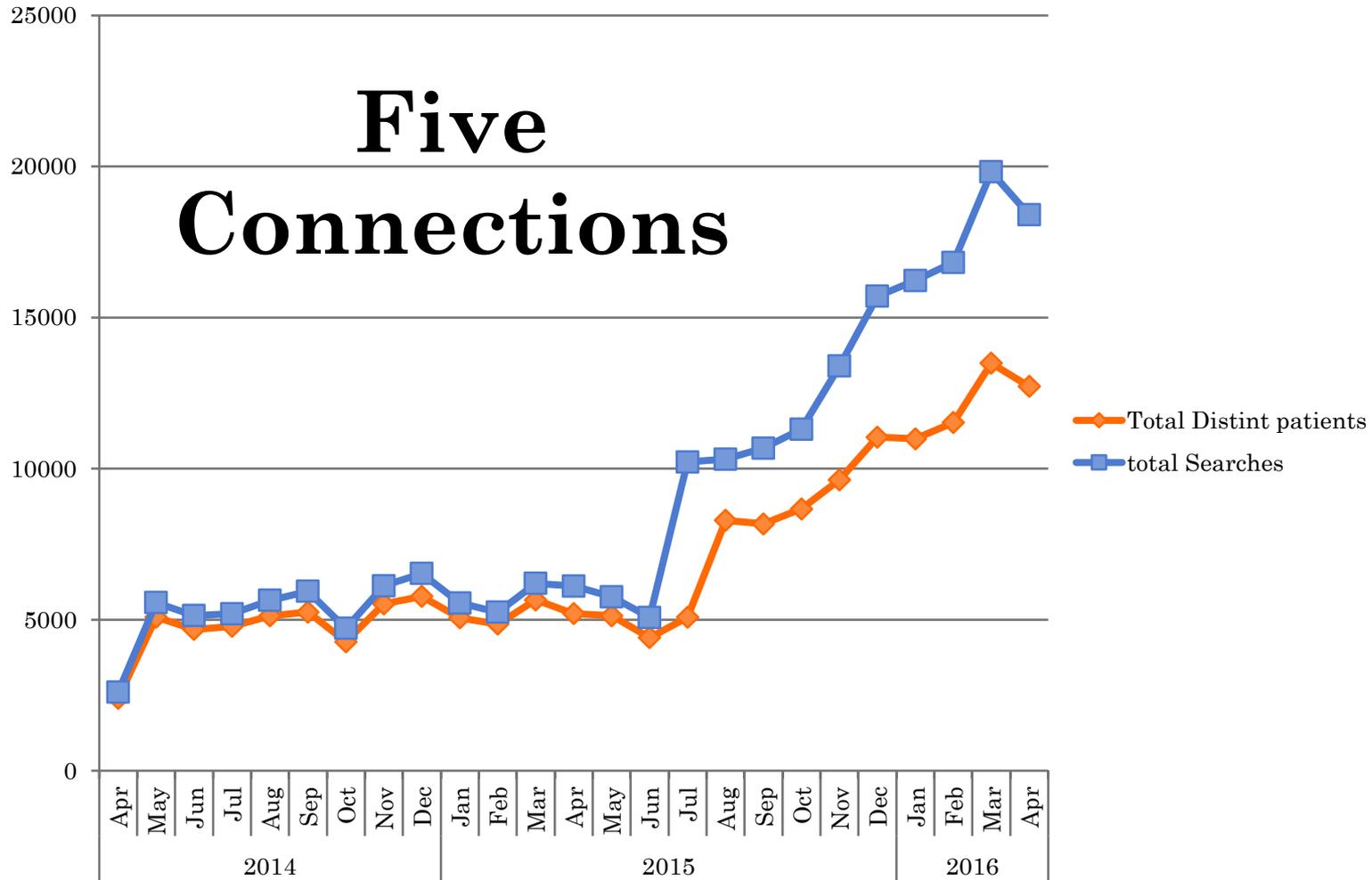
## ○ **Current Connections**

- Anderson Hospital
- Springfield Clinic System
- Northwestern Memorial Hospital
- Substance Abuse Centers
- PCI Pain Centers of Iowa

## ○ **E.H.R. Systems**

- Meditech
- Allscripts
- Cerner
- EPIC
- SAMMS

# PMP WEB SERVICE UTILIZATION



# EPIC E.H.R. SOLUTION

- Logicoy worked with EPIC IT staff to create an **“add-on module”**
- Add-on module can be used with **any EPIC based system** to connect to PMP
- **RESTful** based web service using **NCPDP** protocol
- **Dreyer Medical Clinic** testing first connection
  - More hospitals interested
  - Go Live this month!!

## ILLINOIS PMP AS SPECIALIZED REGISTRY

- **Medicare and Medicaid EHR Incentive Program for Eligible Hospitals and Professionals**
- **Eligible Hospitals and Professionals qualify for Meaningful Use Stage 2**
  - Utilize a secure connection to PMP
- **PMP requires an Automated Connection which is arranged through an onboarding process**

# AUTOMATED CONNECTION ONBOARDING CHECKLIST

- **Step 1** – Use the Automated Connection Guide
  - Describes and provides the technical specifications
- **Step 2** – Determine Connectivity to IL PMP
  - SOAP based web service
  - EPIC Solution
- **Step 3** – Test the transaction
  - Secure, HIPAA compliant test environment
- **Step 4** – Go Live!

# POTENTIAL ISSUES FOR AN AUTOMATED CONNECTION



- Limited resources at hospital or clinic
- No PMP user support
- Legal issues
- Limited PMP Resources

# LESSONS LEARNED

- Get Support from **PMP users**
- Create **FAQ's**
- Introduce the connection before meeting
- Get the **right people on the phone**
- Get the **snowball rolling**



# COLLABORATIONS

- Illinois Hospital Association
- Illinois State Medical Society
- Illinois Pharmacists Association
- Illinois Academy of Family Physicians
- PMP Advisory Committee
  
- Illinois Department of Public Health
- University of Illinois at Chicago

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