

**BEHC**

Bloomington E-Health Collaborative



# **Bloomington E-Health Collaborative: An Emerging RHIO in Southern IN**

2006 Indiana HIMSS RHIO Summit

# Bloomington Medical Community

- 8 counties including Monroe county representing 365,000 lives
- Full service regional referral center with 330 MDs
- Cross-referrals
  - North: To Indianapolis
  - South: To Louisville
- 4% adoption of ambulatory EHR

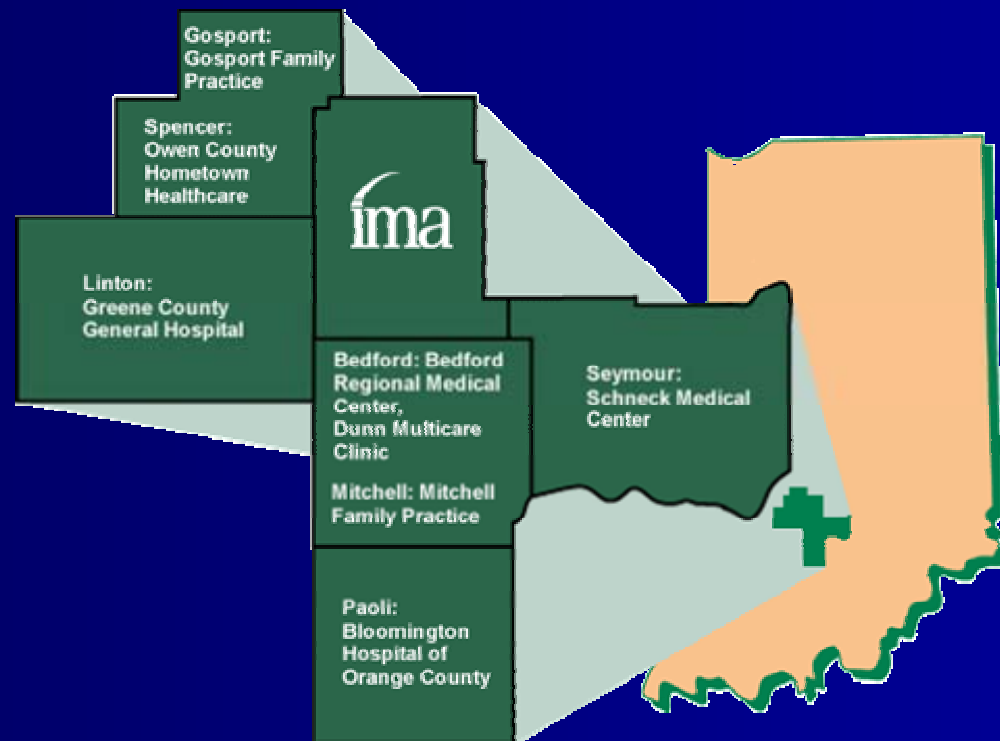
# IMA, Inc.

- Internal Medicine Associates is the largest multi-specialty clinic in Southern Indiana. 50+ providers
- 7 locations in Bloomington
- Ancillary Services include:
  - X-ray, Cardiovascular testing, Laboratory, Dexa Scanning, Pacemaker clinic, Endoscopy services, PFT, and MRI's
  - Soon to add CT Scanning facilities & East-side Clinic with full services

# IMA, Inc.

- Hospitalist program at Bloomington Hospital provided by IMA
- Outreach Program sends specialist's to six other counties providing Gastroenterology, Cardiology, and Pulmonology services
- Currently in decision process of new PM/EHR Vendor

# IMA Outreach Clinics



# IMA Providers Wish List

- Access to patient information from home and hospital
- Access to Primary Care Providers information for referred patients
- Hospitalist, ER Physicians and Referring Physicians access to ancillary testing done by IMA
- Too much paper—multiple copies of all reports coming from hospital
- Single sign-on to all applications
- Security transparent to Providers

# HIE Framework: Governing Principles

- Community-centric
- Separate entity or “utility” governed by community; must be seen as neutral
- Participating organizations work jointly as a community with state and national initiatives, not separately

# HIE Framework: Functionality

- All data providers are participating
- All data receivers (practices) receive data through the “utility”
- Core functions of the “utility”
  - Community “repository”
  - Inquiry capabilities
  - Results and reports delivery

# HIE Framework: Functionality Continued

- Shared community data
  - Results: labs, radiology, etc.
  - Summary reports: discharge summary, admission history
  - Clinical data: allergies, medications, problems, procedures, and immunizations
- Physician Choice
  - Community inbox
  - Independent EMR
  - McKesson EMR



# BEHC & IMA's Journey to Collaboration

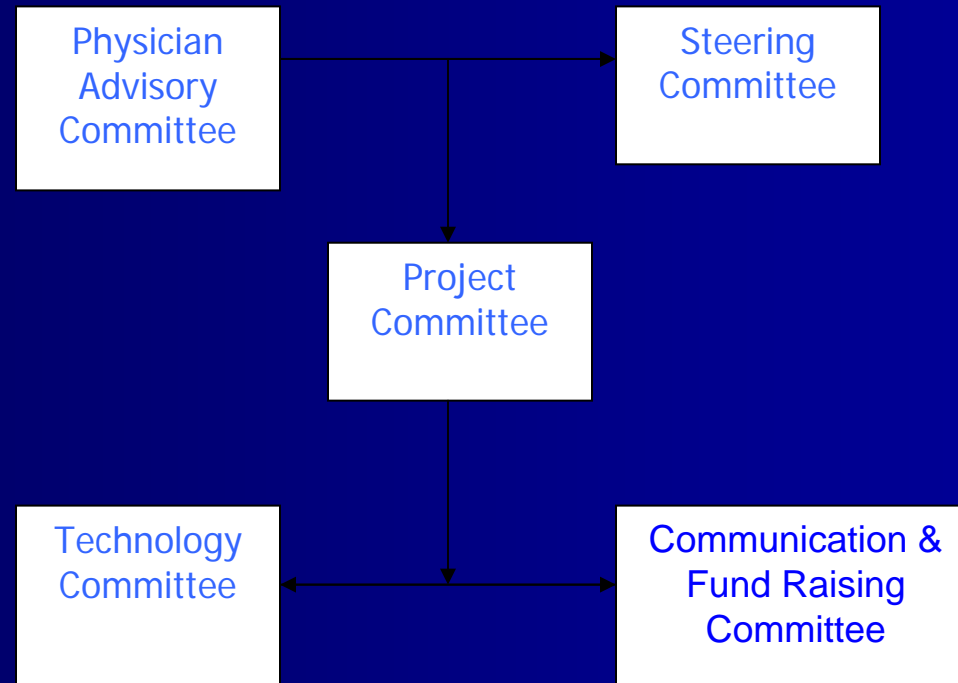
- Hospital Centric solution—ASP model w/ McKesson as only option
- Politics
- Disillusionment
- Walked away
- Temper Tantrum
- Took the lead
- Success



# BEHC & IMA's Journey to Collaboration Continued

- Presentation to Steering Committee of Community Centric model—Was what everyone was waiting for and approved unanimously
- Release of tension and confrontational meetings
- We continue to have “bumps in the road” and it should be expected.
- Common vision
  - Organizational Chart
  - Projects identified

# Organizational Chart



# IMA Lab via McKesson Portal

## Physician Benefits

- Supports physician decision-making in multiple locations
- Provides IMA lab data to more providers
- Convenient access to data across organizations and episodes of care
- Demonstrates medical community solidarity

HorizonWP Physician Portal - Microsoft Internet Explorer

TODD ROWLAND, MD :: February 1, 2006 **my portal** **help** **logout** Site Controls: <Select>

Census Patient Locator **Results** Flowsheet Charting Clinical Summary Orders Facesheet Medical Records Deficiency Worklist Staff Directory Home Personal Worklist

Patient: **TEST, BILLIE** **Secure Access Initiated** [IMA Results](#)

**Patient Demographics** last refresh: 20:59

Pat. Name	Allergies	Admission Date	Sex	Age	Location	Relationship	Admitting Diagnosis
TEST, BILLIE	NKA	10/21/2005 10:36	F	41 Y	DIS 10/28/2005 20:30		

**CM Results Viewer** last refresh: 20:59

ALL Ancillary    New results  Today's results  Results by test class

Encounter: Dates: 10/21/2005 10:36 -> 10/28/2005 20:30 Diag:

Start On: 02/01/2006 Go Back: 360 Days Procedure Description Search:

RsltLvl	Collected	Item (Order Number)	Status	History	Accession
<input checked="" type="checkbox"/>	10/21/05 10:36	US GUIDED NEEDLE BIOP - LYMPH NODE	Final		

powered by **MCKESSON** | **HORIZON<sup>WP</sup>**

start 3 Microsoft ... 2 Microsoft ... BH Intranet - ... HorizonWP Ph... 9:00 PM

## Internal Medicine Associates

### Please Sign In

User Name

Password

Sign In

[How do I get a user name and password?](#)



This site chose VeriSign  
SSL for secure e-commerce  
and confidential  
communications.

[About SSL Certificates](#)

- [Home](#)
- [Order Samples](#)
- [Look Up Results](#)
- [Completed Results](#)
- [Orders In Progress](#)
- [Unreleased Orders](#)
- [Find Patient](#)
- [Find Sample ID](#)
- [Create Report](#)
- [Change Password](#)
- [Sign Out](#)

PRINT FAX EMAIL INVOICE LABELS **COMMENTS**

<b>Name/DOB</b> <u>MOUSE, MICKEY</u> (Mar 13, 1919)	<b>Provider</b> Alessi, John R.
<b>Patient ID</b> 241118.0	<b>Sex</b> M
<b>Requisition #</b>	<b>Age</b> 87
<b>Phone</b> N/A	<b>Room Num</b>
<b>Collection Date</b> Feb 22, 2006 10:03 AM	<b>Draw Location</b> FSM
<b>Approval Date</b> Feb 22, 2006 10:07 AM	<b>Sample ID</b> 65084
	<b>Plebotomist</b> Ashley, Amanda
	<b>Entered By</b> Ketchem, Chrystal
	<b>Fasting</b> No

**02/22/2006 10:07 AM** A copy of this report will be faxed to: GALLON MD

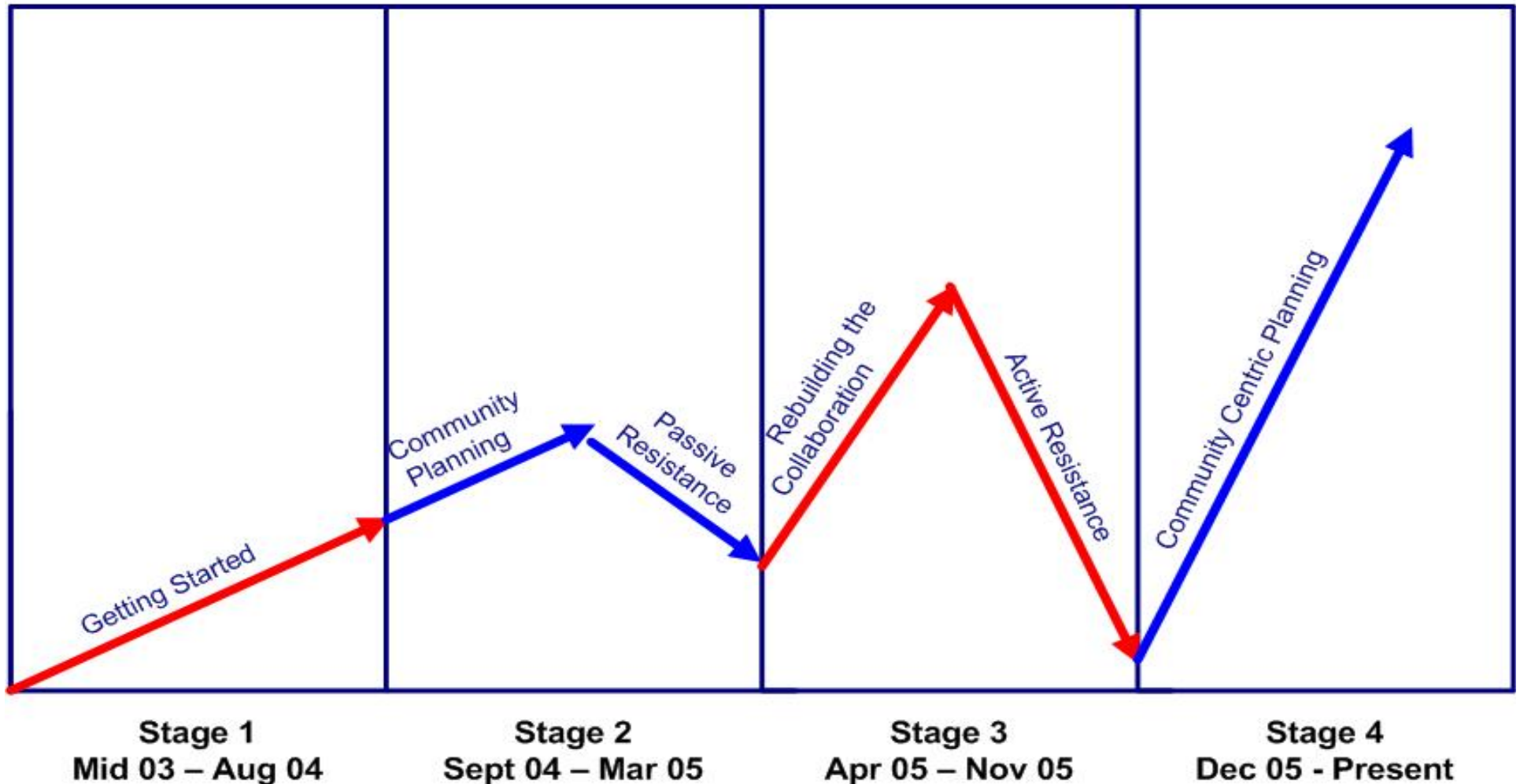
**Lipid Panel** Approved By: PP, 02/22/2006 10:07 AM

Test	Results	Units	Range
<a href="#">Cholesterol</a>	259 H	mg/dL	10-200
<a href="#">Triglycerides</a>	195 H	mg/dL	10-150
<a href="#">HDL</a>	84 H	mg/dL	29-71
<a href="#">LDL</a>	136 H	mg/dL	<99
<a href="#">VLDL</a>	39	mg/dL	<50
<a href="#">Risk Factor</a>	3.08	Ratio	<4.97

PRINT FAX EMAIL INVOICE LABELS **COMMENTS**

# BEHC Community HIE

## Riding the Roller Coaster: Stages of Change



# Lessons Learned

- Process needs to be *Physician driven*
- Confront the politics—it is the only way to move forward
- Willingness to walk away
- Compromise

# Bloomington E-Health Collaborative

- The next chapter as seen by Co-Chair Todd Rowland, M.D.