



Advanced Solutions for Accountable Care Organizations (ACOs)

Since our founding more than 21 years ago, Iatric Systems has been dedicated to supporting the quality and delivery of healthcare, while helping to simplify our customers' efforts to meet HIPAA, HITECH and Meaningful Use objectives.

Now we continue our commitment to keeping our customers current with healthcare's ever-changing face by providing advanced solutions that support your ACO initiatives.

Patient-centered medical care

Accountable Care Organizations (ACOs) were introduced in the 2010 "Patient Protection and Affordable Care Act" to improve healthcare quality and reduce its costs.

This Act proposes forming networks—doctors, hospitals and others involved in patient care—that coordinate care for patients who use their network.

A successful ACO requires that healthcare providers have more timely, accurate and comprehensive information about their patients' medical history. This is necessary in order to provide the right treatment and reduce the duplicate and unnecessary testing that increases healthcare costs. ACOs also give patients better control over their care.



An Enterprise Master Patient Index (EMPI) is a critical foundation for a successful ACO.

To effectively coordinate care, it's imperative that each provider in your ACO has access to the information needed to fully understand an individual patient's health condition. Proper patient identification presents a complete care record—a longitudinal patient history—to ensure that all providers in your ACO are talking about the same patient at the same time.

When Mary Jones arrives at your hospital as a new patient, your staff can query the ACO's EMPI to determine if she has been seen by other providers within your ACO. With the assistance of the Record Locator Service, your EHR is then able to perform a clinical document exchange to receive records from her primary care physician, her orthopedic surgeon and her gastroenterologist. This allows your medical staff to review her extended medical history, prior procedures and test results before ordering further care. The EMPI brings Mary's clinical history from multiple disparate systems into a single identifier. Without it, the physician, the lab and the hospital would all see her as several different patients, not as one person.

Iatric Systems EMPI solution key components include:

- Enterprise Master Patient Index Management
- Record Locator Service
- Automated and/or Manual Duplicate Record Identification
- HL7 IHE PIX/PDQ support
- Web Services Integration Framework
- Patient Lookup Software for Physician Offices

Iatric Systems solutions support these four core ACO areas:

1. Interoperability

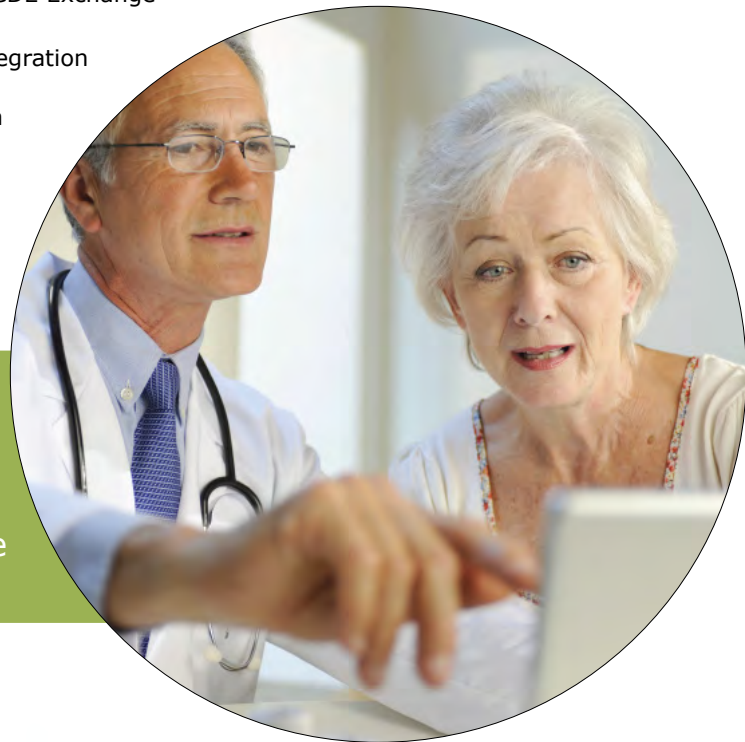
ACOs are fully dependent on their ability to seamlessly share patient clinical data across disparate systems. In efforts to meet HIPAA, HITECH and Meaningful Use objectives, your healthcare organization may already be focused on achieving interoperability—which is the basis for a successful ACO.

A primary care physician in your ACO is seeing a patient who is complaining about breathing difficulties. On his EMR system the physician accesses the patient's clinical, demographic and administrative data delivered in CCD format from his ACO's Health Information Exchange. On that record the physician sees that the patient was recently in the emergency department at another facility where she received a chest x-ray. Looking at the recent x-ray results and the patient's other clinical information, the physician saves time in making his diagnosis and eliminates duplicate healthcare procedures that increase costs.

Iatric Systems solutions supporting interoperability include:

- Clinical Document Exchange (CDE/CCD/CCR/CDA)
- Enterprise Master Patient Index
- HIE Interface Engine with CDE Exchange
- Patient Portal
- Personal Health Record Integration (Microsoft® HealthVault®)
- Physician Office Integration
- Physician Portal

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When you track patients and treatments, you can help patients better meet their care instructions.



2. Patient Care Management

A primary reason for creating an ACO is to maximize the health and care received by your patients while reducing the high cost of patient readmissions. When you can track patients and patient treatments, you are in a position to help patients better meet their care instructions while you help prevent unnecessary and repetitive care.

A woman recovering from Congestive Heart Failure (CHF) is discharged from your hospital. She has been identified as a high risk due to her obesity and is, therefore, flagged for post-discharge care. She is called and visited by a home health nurse to help her keep on her diet, take her medications properly and attend her post-discharge appointments. With the providers in your ACO tracking and managing her care, her condition improves and she avoids frequent hospitalizations.

Iatric Systems solutions supporting Patient Care Management include:

- Longitudinal Patient Record
- Medication Reconciliation
- Patient Discharge Instructions
- Patient List Management
- Report Writing Services

...gain valuable insight that you can use to improve future diagnoses and treatment

3. Patient Engaged Healthcare

Another important aspect of maximizing ACO effectiveness is to give your patients a more active role in managing their own care. When your patients can view and update their health information—and when those updates are shared with providers—patients receive far better care and are better informed about their conditions and care plans.

After being treated for an illness, a patient is released from your emergency department. As an ACO participant, your hospital provides written discharge instructions requesting that the patient visit his primary care doctor within 48 hours for a follow-up. The instructions are also posted to the hospital's patient portal. When the patient loses the paper instructions, he visits his online portal to retrieve them. While reviewing his information, he sees that both Lasix and Furosemide are listed in his medication profile. He discusses these medications during his follow-up with his physician, who quickly identifies them as duplicates and advises the patient to discontinue one of the prescriptions.

Iatric Systems solutions supporting Patient Engaged Healthcare include:

- Patient Portal
- Personal Health Record Integration (Microsoft® HealthVault®)

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4. Analytics

Analytics are important to quality healthcare. When you and the other providers in your ACO can look at trends within specific patient populations, you gain valuable insight that you can use to improve future diagnoses and treatment.

Your ACO analyzes reports and realizes that many asthma patients from a specific geographic area are being readmitted within 30 days. A public health nurse is assigned to work within the region. She helps better manage their care, reducing costly Emergency Department visits and re-admissions.

Iatric Systems solutions supporting Analytics include:

- Clinical Data Repository (CDR)
- Enterprise Master Patient Index
- Report Writing Services





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About Iatric Systems, Inc.

Recognized by Inc. 5000 as one of the fastest growing privately held companies for the past four years, Iatric Systems helps hospitals and health systems leverage their HIS investment with software, interfaces and reporting services. Since 1990, more than 1000 hospitals worldwide have implemented Iatric Systems solutions, optimizing patient care and staff workflow in clinical, financial and administrative areas. Iatric Systems was acknowledged on the Healthcare Informatics Top 100 Healthcare IT Revenue list in 2009/2010/2011 and the Modern Healthcare Top 100 Best Places to Work in Healthcare IT in 2009/2010/2011.

For more information, please contact info@iatric.com or visit www.iatric.com.