



North Carolina
CHAPTER

ACCOUNTABLE CARE GUIDE FOR CARDIOLOGISTS

Preparing Cardiologists for the
Approaching Accountable Care Era



ACKNOWLEDGMENT

This strategic guide involved input through participation by many thought leaders of the following sponsoring organizations who have come together to form the Toward Accountable Care Consortium and Initiative (TAC). This paper would not have been possible without the generous support of all TAC Consortium member organizations, including significant support from the North Carolina Medical Society, as well as a substantial grant from The Physicians Foundation. Special thanks to the North Carolina Academy of Family Physicians and North Carolina Society of Anesthesiologists, whose seminal ACO white papers are the underpinning of this Toolkit. We are grateful to Julian D. (“Bo”) Bobbitt, Jr. of the Smith Anderson law firm, for compiling the information in this non-technical “blueprint” format, and the following physician members of the North Carolina Chapter of American College of Cardiology for their time and expertise: Barry Cheek, MD, Cornerstone Health Care; Rachel Keever, MD, Sanger Heart & Vascular Institute; Paula Miller, MD, UNC Center for Heart and Vascular Care; and Ross Simpson, MD, UNC, Department of Cardiology. This guide would not have be possible without the efforts of these individuals.

County / Regional Medical Societies

Cleveland County Medical Society
Craven-Pamlico-Jones County Medical Society
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Specialty Societies

Carolinas Chapter, American Association of Clinical Endocrinology
North Carolina Academy of Family Physicians
North Carolina Chapter of American College of Cardiology
North Carolina Chapter of the American College of Physicians

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North Carolina College of Emergency Physicians
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North Carolina Orthopaedic Association
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North Carolina Foundation for Advanced Health Programs
North Carolina Medical Group Managers
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The Accountable Care Guide For Cardiologists

INTRODUCTION

This strategic guide involved input through participation by many thought leaders who have come together to form the Toward Accountable Care Consortium and Initiative. This paper would not have been possible without the generous support of all TAC Consortium member organizations, including significant support from the North Carolina Medical Society, as well as a substantial grant from The Physicians Foundation. We are grateful to Julian D. (“Bo”) Bobbitt, Jr. of the Smith Anderson law firm, who has many years of experience providing strategic counsel regarding integrated care, for compiling the information in this non-technical “blueprint” format.

Part One contains the necessary elements for a successful Accountable Care Organization (“ACO”) and implementation guidance that transcend specialty or facility and apply equally to all ACO stakeholders.

Part Two provides a roadmap for cardiologists to further arm you with potential strategies as you consider joining or forming an ACO.

Part Two applies the principles and processes of the Guide to provide specific strategies and practical step-by-step guidance using concrete examples used by different physician specialties, including how to apply successfully for the Medicare Shared Savings Program.



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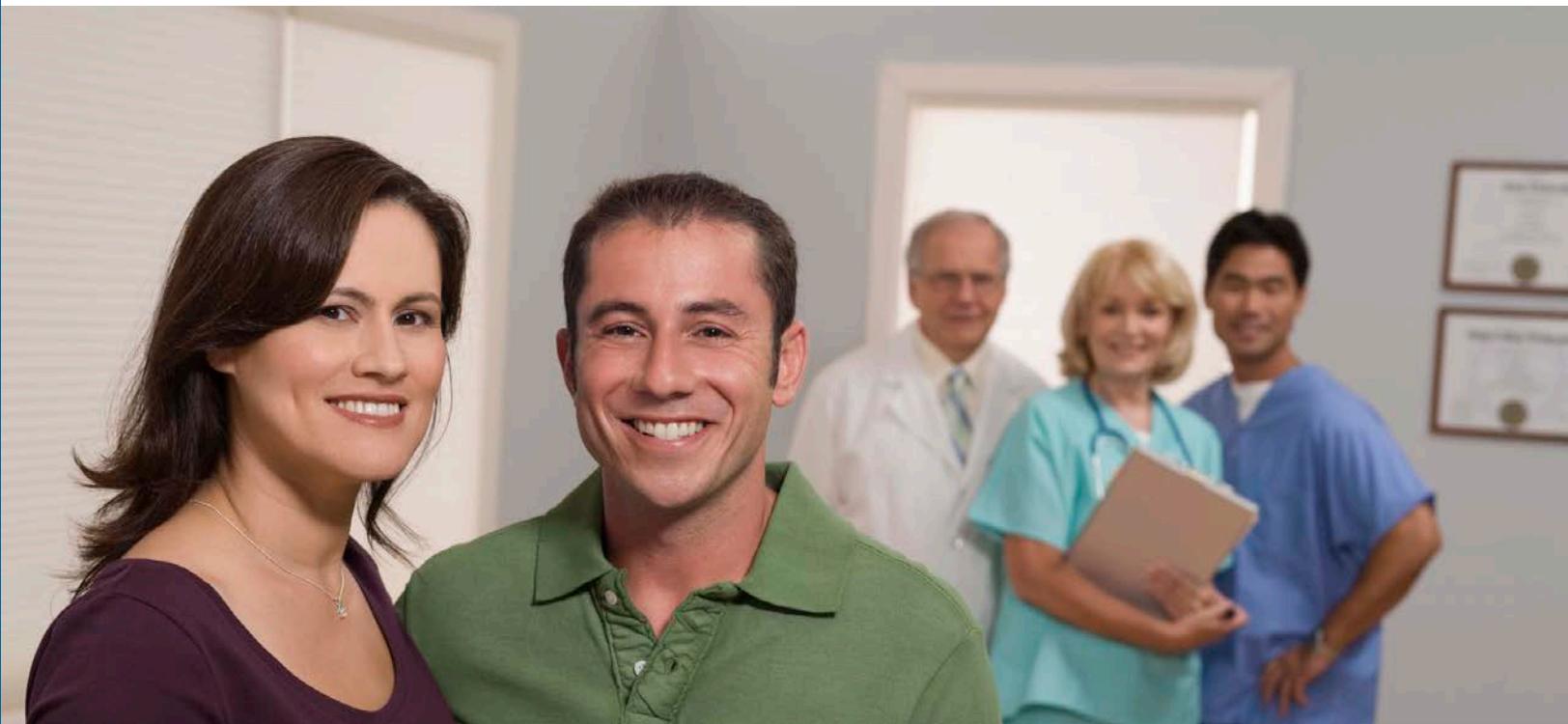
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The Physician's Accountable Care Toolkit

How to Identify and Implement the Essential Elements for Accountable Care Organization Success



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I. Purpose Of The Accountable Care Guide

Accountable Care Organizations (“ACOs”) are emerging as a leading model to address health care costs and fragmented care delivery. For example, in 2012, Accountable Care is being considered for implementation by virtually every private and public payor in North Carolina. It transcends federal health regulatory legislation and Medicare. The purpose of this ACO Guide is to bring together in one source a non-technical explanation of the essential elements required for any successful ACO and practical step-by-step guidance on how to achieve each element. Because a successful ACO must be “win/win”, with every collaborative participant incented and empowered to achieve their optimum value-added contribution to the enterprise, these principles transcend medical specialty, employment status, payor relationship, or facility type. This Guide works for you whether you are a primary care physician, a hospital CEO, or a specialist physician. Although ACOs are still evolving and definitive predictions are impossible at this time, the goal of the Guide is to give any reader a firm sense of the strengths and weaknesses of any ACO model they may encounter and confidence about whether to join one or to create one. There are answers to questions about who should join, who should lead, what infrastructure will work, and the phases of development to be followed.¹

II. What Is An ACO?

A. Definitions

Former Administrator of the Centers for Medicare and Medicaid Services (“CMS”) Mark McClellan, M.D., Ph.D. described an ACO as follows: “ACOs consist of providers who are jointly held accountable for achieving measured quality improvements and reductions in the rate of spending growth. Our definition emphasizes that these cost and quality improvements must achieve overall per capita improvements in quality and cost, and that ACOs should have at least limited accountability for achieving these improvements while caring for a defined population of patients.”² Similarly, the National Committee for Quality Assurance (“NCQA”) included the following definition in its draft ACO criteria: “Accountable Care Organizations (ACOs) are provider-based organizations that take responsibility for meeting the healthcare needs of a defined population with the goal of simultaneously improving health, improving patient experiences, and reducing per capita costs....[T]here is emerging consensus that ACOs must include a group of physicians with a strong primary care base and sufficient other specialties that support the care needs of a defined population of patients. A well-run ACO should align the clinical and financial incentives of its providers...ACOs will also need the administrative infrastructure to manage budgets, collect data, report performance, make payments related to performance, and organize providers around shared goals.”³ (Emphasis added.)

Strategic Note: The part of the definition relating to patient populations represents a major shift in practice orientation, and is very alien to a typical physician’s training and day-to-day focus.

¹ It is not the purpose of this Guide to provide legal advice. Any person or organization considering participation in an ACO should seek the advice of legal counsel.

² Mark McClellan, Director of the Engleberg Center for Health Care Reform at the Brookings Institution, *A National Strategy to Put Accountable Care Into Practice*, Health Affairs (May 2010), p. 983.

³ National Committee for Quality Assurance, *Accountable Care Organization (ACO) Draft 2011 Criteria*, p. 3. (hereinafter “NCQA”).

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Without grasping this shift, an understanding of ACOs will remain elusive. It also is important to note what is not in the definition. No definitions specify any particular type of legal entity (i.e., IPA, PHO, employed). There is no mandatory organizational form for an ACO.

The final Medicare Shared Savings Program rule (Final Rule)⁴ released by CMS in 2011 contains an interesting definition emphasizing structure in contrast to the ones above focusing on function: “Accountable Care Organization (ACO) means a legal entity that is recognized and authorized under applicable State law, as identified by a Taxpayer Identification Number (TIN), and comprised of an eligible group (as defined at § 425.5(b)) of ACO participants that work together to manage and coordinate care for Medicare fee-for-service beneficiaries and have established a mechanism for shared governance that provides all ACO participants with an appropriate proportionate control over the ACO’s decision-making process.”⁵

B. PPACA Requirements

ACOs eligible for the Medicaid Shared Savings Program under the Patient Protection and Affordable Care Act of 2010⁶ must meet the following criteria:

- That groups of providers have established structures for reporting quality and cost of health care, leadership and management that includes clinical and administrative systems; receiving and distributing shared savings; and shared governance.
- Willing to become accountable for the quality, cost, and overall care of the Medicare fee-for-service beneficiaries assigned to it.
- Minimum three-year contract.
- Sufficient primary care providers to have at least 5,000 patients assigned.
- Processes to promote evidence-based medicine, patient engagement, and coordination of care.
- Ability to demonstrate patient-centeredness criteria, such as individualized care plans.

The Medicare Final Rule and three other related documents involving five federal agencies amplify these PPACA criteria. A special section devoted to the Medicare Shared Savings ACO Program is found in Part Two of the Toolkit.

⁴ 76 Fed. Reg. 67802 (Nov. 2, 2011)

⁵ 76 Fed. Reg. 67974

⁶ Section 3022 of the Patient Protection and Affordable Care Act of 2010 (amends Title XVIII of the Social Security Act (42 USC 1395 *et seq.*)).

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C. How Is It Different From a Medical Home?

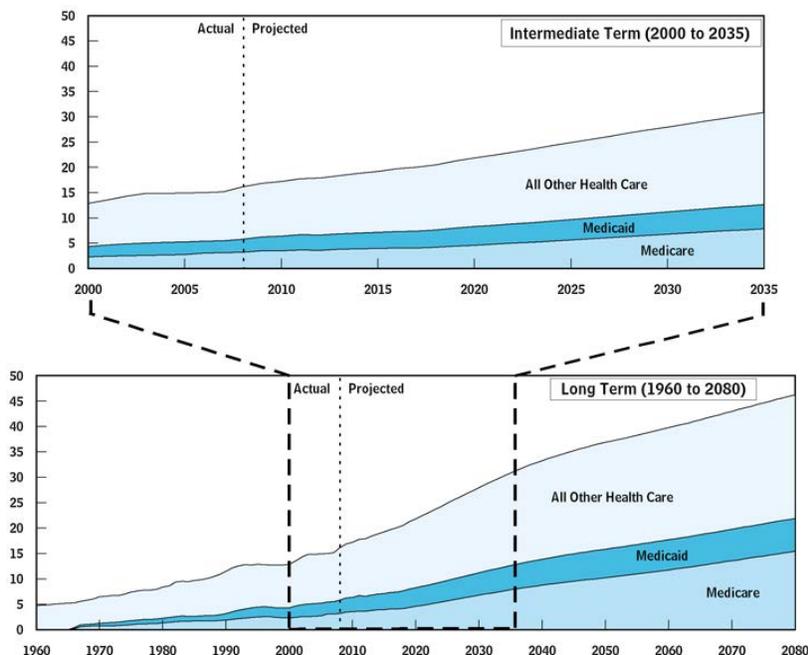
The Patient-Centered Medical Home (“Medical Home”) emphasizes strengthening and empowering primary care to coordinate care for patients across the continuum of care. It is complimentary to the ACO and can become the core of an ACO, but it is different in two main respects: (1) Financial Incentives - The Medical Home lacks the shared accountability feature in that it does not have financial incentives, such as shared savings, motivating providers to work together to deliver the highest quality care at the lowest cost with the greatest patient satisfaction. (2) Specialists/ Hospital Linkage - Even though there are Medical Home-only ACOs, a typical ACO is also different from a Medical Home in that it tends to have relationships with select specialists and hospitals across the full continuum of care for the targeted initiative.

III. Why Should I Care?

Health spending is unsustainable, even before coverage expansion of the 2010 federal health reforms. With 19% of Gross Domestic Product (“GDP”) being the rough estimate of the amount the United States can collect in taxes and other revenues, by 2035, Medicare and Medicaid are predicted to consume 13% of GDP and health care costs will consume 31% of GDP. In other words, health care alone will cost well over all we collect. By 2080, absent drastic change, Medicaid and Medicare will consume all of our tax and other revenues, and total health spending will claim 46% of GDP. The rest, defense, education, roads, etc. we can only pay for by borrowing. President Obama is the first President facing bankruptcy of the Medicare System during a term in office.

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Total Spending for Health Care Under the Congressional Budget Office's Extended Baseline Scenario



There is consensus that much of this is avoidable. The now-famous New Yorker article by Dr. Atul Gawande showing Medicare spending to be twice as high in McAllen, Texas as in El Paso, became required reading in the White House. It said: “The real puzzle of American Healthcare... is not why McAllen is different from El Paso. It’s why El Paso isn’t like McAllen. Every incentive in the system is an invitation to go the way McAllen has gone.”⁷



Article By Influential Writer Sparks Strong Debate

The Congressional Budget Office Report on the ACO’s predecessor, the Bonus-Eligible Organization, includes this rationale: “[P]roviders have a financial incentive to provide higher-intensity care in greater volume, which contributes to the fragmented delivery of care that currently exists.”

⁷ Atul Gawande, *The Cost Conundrum*, *The New Yorker* (June 1, 2009)

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These dysfunctions in our current system, for which the ACO is seen as a partial remedy, have been given much of the blame for our country's health care system costing 50% more as a percentage of GDP than any other in the world but ranking only 37th in overall health and 50th in life expectancy.⁸

Because of the crisis, drastic efforts at health care cost reform seem inevitable. President Obama stated it bluntly: "So let me be clear: If we do not control these costs, we will not be able to control the deficit."⁹ Private insurers see it, too. The President of Blue Cross and Blue Shield of North Carolina recently stated: "Even if federal health overhaul is rejected by the Supreme Court or revamped by Congress, the market must continue to change. The system that brought us to this place is unsustainable. Employers who foot the bill for workers' health coverage are demanding that Blue Cross identify the providers with the highest quality outcomes and lowest costs."¹⁰

Flattening the cost curve is possible through the ACO's marketplace incentives without rationing care, imposing new taxes, or cutting provider reimbursement. Doing nothing is not an option, and all these alternatives appear unacceptable. In short, there is no "Plan B."

IV. Are ACOs Really Coming?

A. If They Repeal Health Reform, Won't This Go Away?

No. Federal health reform has three prongs: Expand Coverage (individual and employer mandates, no pre-existing condition exclusions, etc.), Fraud Control, and Waste Controls (ACOs, bundled payments, value-based purchasing, CMS Innovation Center, etc.). Many experts think that expanding coverage into our broken system has made health care even more unsustainable. However, as noted, the cost curves, even without health reform, will bankrupt our resources, and the value-based reimbursement movement was well underway before the federal legislation was passed. Increasing awareness of problems with the fee-for-service system has resulted in a growing number of initiatives that have common features of accountability at the medical community level, transparency to the public, flexibility to match local strengths to value-enhancement opportunities, and shifting to paying for value, not volume.

B. Isn't This Capitation Revisited?

You may fairly ask, "Isn't this the 'next big thing' to save health care, like capitation? Won't it fizzle away like that did?"

ACOs with shared savings are unlike capitation in several crucial ways. First, the payments are commonly only bonus payments in addition to fee for service payments.

⁸ World Health Organization, *World Health Statistics* 2009.

⁹ President Barack Obama, interview excerpt, July 23, 2009.

¹⁰ Brad Wilson, President of BlueCross BlueShield of North Carolina, *The News & Observer* (January 29, 2011).

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In the shared savings only models, there is no downside risk. Second, vital administrative capabilities, data measurement capability, identified common metrics, severity adjustment, and electronic health information exchange sophistication were not present in the capitation era.

Strategic Note: Though many experts propose that newly-formed ACOs assume financial risk through financial penalties, or partial or whole capitation, the 15 years clinical integration experience of this author strongly suggests that ACOs TRY NOT TO ACCEPT DOWNSIDE RISK UNTIL THEY HAVE THREE CONSECUTIVE YEARS OF MEETING BUDGET ESTIMATES.¹¹ There are just too many new partners, roles, moving parts, untested data metrics, and variables beyond the control of the ACO. Even taking a smaller share of the savings pool to recognize the absence of downside risk is preferred to accepting the responsibility of unanticipated medical expenses without the tools to control them. Having some “skin in the game” is clearly a logical way to incentivize accountability for providing value, but thrusting that on an unready health care system could do more harm than good.

C. Can't I Wait Until Things Get Clearer?

With hospitals and physicians having lots of other things on their plates and this bearing a resemblance to other reforms that never quite panned out, a wait-and-see attitude might at first seem reasonable. However, as the next chapter describes, successful ACO creation will require deep transformational change. The changes will have less to do with infrastructure and technology than culture. This is equally true in integrated systems with a fully-employed medical staff, as it is with other models. “Given the major cultural differences between hospitals and physicians, achieving clinical integration is one of the most difficult challenges that either party will ever undertake...Organizations that have not yet started down this path in earnest will need to move much more aggressively to prepare for the post fee-for-service world.”¹² You cannot wait to plan. Being unprepared is not an option. But there is a difference between having a plan and implementing a plan. If you are a hospital CEO or in a particular specialty you may want to wait until value-based reimbursement has reached the tipping point relative to fee for service before you “pull the trigger” in implementing your plan.

V. What Are The Essential Elements Of A Successful ACO?

There are eight essential elements of any successful ACO. All eight are required. You cannot skip a step. Because element one is not as objectively verifiable, it is very counterintuitive that the most vital element is by far the most difficult element to obtain will be creation of an interdependent culture of mutual accountability committed to higher quality and patient satisfaction at the lowest cost. “[C]linical transformation has less to do with technical capabilities and more with the ability to effect cultural change.”¹³

¹¹ The Final Rule was substantially revised from the proposed regulations in that a new ACO had the option in the first term of the MSSP not to accept risk, whereas under the proposed regulations CMS would mandate acceptance of risk for the third year of the initial three-year contract. 76 Fed. Reg. 19643.

¹² Gary Edmiston and David Wofford, *Physician Alignment: The Right Strategy; the Right Mindset*, Healthcare Financial Management Association (December 1, 2010).

¹³ *Id.*

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The Eight Essential Elements of a Successful ACO



A. Essential Element No. 1: Culture of Teamwork – Integration



The most important element, yet the one most difficult to attain, is a team-oriented culture with a deeply-held shared commitment to reorganize care to achieve higher quality at lower cost. A fully-functional ACO will catalyze the transformation of health delivery. “While strong hospital-physician alignment has always been a cornerstone of success, the necessary degree of future collaboration, partnership, and risk-sharing will dwarf what has come before it. Hospitals and physicians will have to recognize, embrace, and leverage their growing interdependence to create organizational structures and incentive models that are strategically aligned and mutually rewarding.”¹⁴

1. **Challenges for Physicians.** Physician attitudes favor autonomy and individualism over collaboration. These attitudes are inculcated in clinical training and reinforced daily in care delivery. Reimbursement rewards an individualistic “eat what you kill” mentality. Physicians need to understand that the level of involvement needed to effect changes in quality and cost is much different than just banding together for contracting purposes. Physicians will have to be willing to change utilization, referral, and care-management patterns. In many settings, specialists will need to release primary control of patient care decision-making to the Medical Home primary care physician.

¹⁴ *Toward Accountable Care*, The Advisory Board Company (2010).

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Physicians are justifiably cynical about prior “next best things,” such as HMOs, gate-keeping, and capitation, and have little experience with, or time for, organizational-level strategic planning. But, “[I]f providers do not change their decision-making and behavior, ACOs will go the way of most PHOs and IPAs...to the bone yard. More importantly, the healthcare crisis will persist, and more drastic solutions will be mandated.”¹⁵

2. Challenges for Hospitals. Will hospitals be willing to embrace a true ACO structure, which will likely drive down hospitalization? Will they be willing to distribute shared savings as intended, to incentivize and reward those who created it through high-performance care delivery and improved coordination, or will they try to take any savings dollars “off the top” to make up for the lost revenue from the reduction in avoidable hospitalizations and readmissions? Will the increased market share from joining an ACO make up for the lost revenue? Exacerbating these business risks for sharing governance with physicians and committing without reservation to an orientation of higher quality and lower costs, is a deeper cultural barrier: control. Hospitals are complex organizations, and a degree of control over operations and direction has been historically important for their viability.

“The most significant challenge of becoming accountable is not forming an organization, it is forging one.”¹⁶

Strategic Note: Tips on How to Create a Collaborative Culture:

- **Champions.** Vision comes first, but to sell that vision, you need physician leaders able to articulate a clear and compelling vision of change. They need to be champions of the transformational changes needed. As few as one, and rarely more than five, are needed. If a hospital is involved, the CEO needs to show commitment to the shared vision.
- **Governance Structure.** The structure must have meaningful input from the various parties to have status and credibility. It must exhibit shared control. Management teams can be pairings of physicians with hospital administrators. As noted, shared governance is such a point of emphasis that the Final Rule includes that phrase in the definition of “Accountable Care Organization.”¹⁷
- **Incentives Drive Alignment.** “[I]f incentives are correctly aligned, organic innovations to solve other problems can and will engage.... Anticipated early versions of ACO payment incentives are likely to be directionally correct but unlikely to be sufficient to create the needed burning platform.”¹⁸ Compensation plans for hospital-employed physicians must not be limited to individual productivity, but also have incentives for accountability for success of the ACO team.

¹⁵ Phillip L. Roning, *Becoming Accountable*, HFMA Compendium—Contemplating the ACO Opportunity, Appendix (November 2010), p. 40.

¹⁶ *Id.*

¹⁷ 76 Fed. Reg. 67974.

¹⁸ Ann Robinow, *Accountable Care News*, The Top 3 Obstacles to ACO Implementation, (December 2010).

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- **“Spiral of Success.”** The following strategy could help meld team culture: An early pilot project for your ACO should be consistent with the new vision, led by champions and cut across specialty and department lines. A multi-disciplinary team decides how to collect and share data in new ways to facilitate this care initiative. The data, in paper or electronic format, is available at the point of care. Quality goes up and there is a savings pool. New team habits begin to emerge. Small scale is OK, but it must succeed, so the “spiral of success” can start. Trust goes up and buy-in for the next collaboration will occur more quickly.
- **Employment Not a Panacea.** Isn't the most obvious path to integration through hospital employment? This is a feasible approach if the parties have worked together in the past and there is a pre-existing level of trust and respect. This will not work if there are not shared goals and the control and financial incentive issues are not resolved. “Current trends in physician employment represent neither a necessary nor sufficient condition for true integration; value-added integration does not necessarily require large-scale physician employment and simply signing contracts does not ensure progress toward more effective care coordination.”¹⁹

B. Essential Element No. 2: Primary Care Physicians



1. **What Is the Role of Primary Care In ACOs?** As discussed in detail in Section V.G. below, the highest-impact targets identified for ACOs lie in the following areas: (a) prevention and wellness; (b) chronic disease management; (c) reduced hospitalizations; (d) improved care transitions across the current fragmented system; and (e) multi-specialty co-management of complex patients. Primary care can be drivers in all of these categories.

Harold Miller of the Center for Healthcare Quality and Payment Reform concluded, “it seems clear that, in order to be accountable for the health and healthcare of a broad population of patients, an Accountable Care Organization must have one or more primary care practices playing a central role.”²⁰ He envisions different levels of ACOs, with the core Level One consisting primarily of primary care practices. Level Two would include select specialists and potentially hospitals. As the diverse patient populations are included, Level Three expands to more specialists and facilities, and Level Four includes public health and community social services. As noted, primary care is the only provider or health care facility mandated for inclusion to qualify for PPACA's ACO Shared Savings Program.

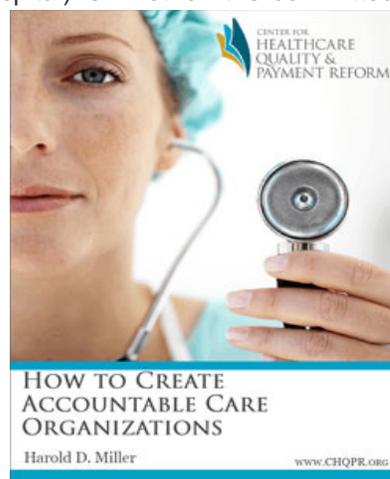
¹⁹ *Toward Accountable Care*, The Advisory Board Company (2010).

²⁰ Harold D. Miller, *How to Create Accountable Care Organizations*, Center for Healthcare Quality and Payment Reform, p. 8, (September 2009).

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2. **What Are the Roles of Specialists In ACOs?** It is becoming clear that specialists are going to serve important roles in ACOs. Given the opportunities for ACOs listed in Section V.B.1. above, specialists should see roles in Medical Home coordination on diagnosis and treatment, transitions across settings, reducing avoidable hospitalizations, and in multi-specialty complex patient management. Inpatient specialists can tackle hospital through-put, minimizing avoidable adverse events and readmissions, and quality improvements. Specialists intent on preserving volume at the expense of best practices have no role in an ACO.

3. **What Are the Roles of Hospitals In ACOs?** Hospitals are logical ACO partners for several reasons: Patients will need hospitalization, hospitals have extensive administrative and HIT infrastructure, ACOs are consistent with their missions, and hospitals are often a medical community's natural organizational hub. But the typical ACOs tend to reduce hospitalizations. As Mr. Miller observes, "the interests of primary care physicians and hospitals in many communities will not only be unaligned, but will be in opposition to one another."²¹ A litmus test for hospital membership (or whether to join an ACO that includes a hospital) is whether it is committed to overall increased savings, improved quality, and improved patient satisfaction for patient populations, even if hospitalization rates are reduced. It is also unacceptable if a hospital permanently seeks to capture most of the shared savings "off the top" to make up for lost revenue. A hospital at over-capacity should not have this conflict. Moreover, many hospitals see full institutional commitment to accountable care as the best way to prepare for the future, maximize their fair share of the shared savings dollar, and grow market share. Once the tipping point of the shift from payment for volume to payment for value has been reached, these conflicts should dissolve.



In summary, because primary care will drive so many of an ACO's most high-yielding initiatives, it is an essential element of a lasting and successful ACO. "Accountable care absolutely must be about improving and maintaining the health of a population of patients and not just controlling costs. It must be about proactive and preventive care and not reactive care. It must be about outcomes and not volume or processes. It must be about leveraging the value of primary care and the elements of the Patient-Centered Medical Home."²²

²¹ *Id.*, p. 15.

²² Terry McGeeney, M.D., *The Patient-Centered Medical Home and the Accountable Care Organization*, <http://transformed.com/CEORReports/PCMH-and-ACO.cfm>, (2010).

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C. Essential Element No. 3: Adequate Administrative Capabilities



What Kind of Organization Can Be an ACO? The very label “accountable care organization” tends to convey an impression that an ACO must be a particular type of organization. In retrospect, it probably should have been called “Accountable Care System.” **It is about function, not form.** The NCQA’s ACO criteria look to core competencies and infrastructure to implement them, but are “agnostic to organizational structure (i.e., whether or not it is led by a multi-specialty group, hospital, or independent practice association).”²³ Similarly, a wide array of organizations may become eligible for CMS Shared Savings Program under PPACA and the Final Rule:²⁴ group practice arrangements, networks of practices, joint ventures between providers and hospitals, hospitals employing providers, and other approved structures. There are three essential infrastructure functional capabilities: (1) performance measurement, (2) financial administration, and (3) clinical direction. A legal entity of some sort is necessary, and a number of choices are available. The form ultimately chosen should be driven by what most readily facilitates achievement of the functional needs of the ACO initiatives in your community. The ultimate goals of accountable care are to improve patient outcomes and patient satisfaction while also achieving greater cost efficiencies. The key to achieving this goal is enhanced coordination of care among diverse providers through the application of evidence-based clinical protocols and transparent measurement and reporting. **“While ACO formation and ongoing structural, operational, and legal issues related to ACOs are important, it is this transformation in clinical care that must remain the overriding focus of ACO development.”**²⁵

What Are Key Legal Issues Affecting ACOs? ACOs require collaboration, referrals, reductions in unnecessary care, and sharing of revenues among sometime competitors. All of these characteristics, and more, in furtherance of health policy, also happen to raise a number of challenging legal-compliance issues for a body of state and federal health care law largely premised upon the fee-for-service model. Adaptations of the most problematic laws and regulations are underway. On October 20, 2011, the Departments of Health and Human Services, Treasury, and Justice, and the Federal Trade Commission jointly released federal policies concerning implementing the MSSP in order to provide guidance. A properly configured ACO should be successful in navigating this legal minefield. The principal bodies of law affecting ACOs are:

- Antitrust
- Anti-kickback
- Stark
- Civil Monetary Penalties Law

²³ NCQA, pp. 7-8.

²⁴ 76 Fed. Reg. 67975.

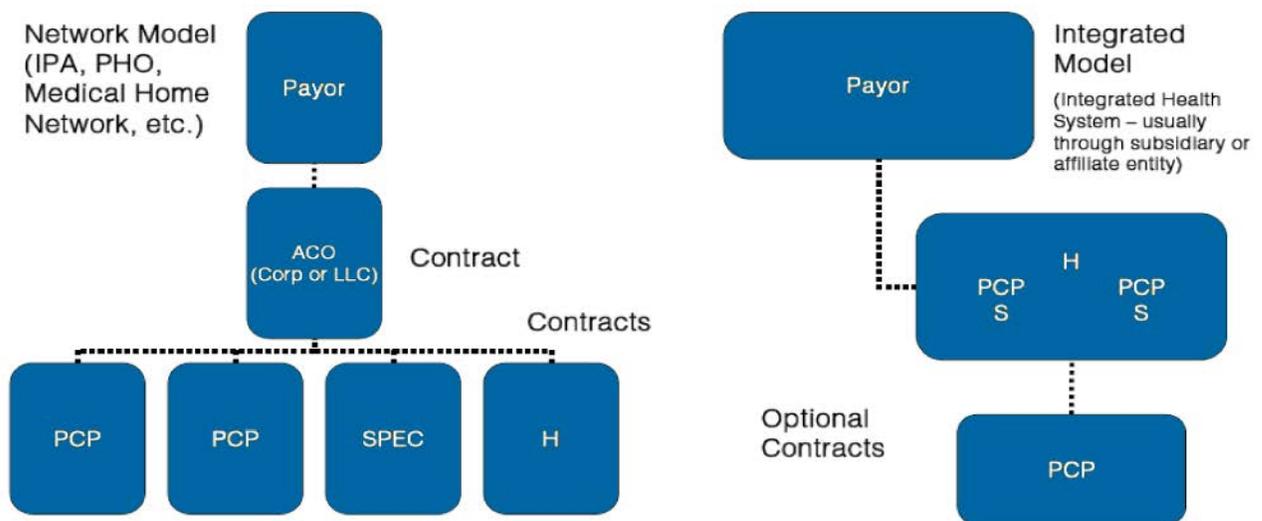
²⁵ Doug Hastings, Accountable Care News (December 2010), p. 6.

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- Tax
- HIPAA
- Malpractice
- Corporate Practice of Medicine
- Insurance
- Intellectual Property
- State Self-Referral Laws
- Business Law

For a detailed legal analysis, please review the “Accountable Care Legal Guide.”

Possible Organizational Forms



1. Network Model

a. **Independent Practice Associations (“IPAs”)** – An IPA is basically an umbrella legal entity, usually an LLC, for-profit corporation or nonprofit organization, with physician participation contracts with hospital-employed and independent physician practices. Payors contract with the IPA. These structures became familiar in the fee-for-service and capitation eras, and the form is still suitable for the accountable care era. However, the IPA now needs to have ACO-level infrastructure as described in this Guide. It is particularly dependent on robust health information exchange, as the continuum of care is more “virtual” because the providers are independent. The

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participation agreements are different, too. The provider agrees to undertake the responsibilities agreed upon by the ACO and accept some type of performance-based incentive, like shared savings, in addition to fee-for-service. It can have any combination of specialists, primary care, hospital, and tertiary care participating contracts. An IPA is owned by physicians. Legal issues of note in IPAs involve antitrust, self-referral, insurance regulation, HIPAA, malpractice, and the Stark law.

b. **Physician/Hospital Organization (“PHO”)** – The PHO is very similar to an IPA, but the main difference is that it is co-owned and governed by physicians and a hospital or health system and includes a hospital participation contract. The same requirements and caveats apply.

c. **Medical Home-Centric Model** – Under this variation, an umbrella entity is owned by Medical Home practice members or networks. It contracts with payors, initially for the medical-home-related primary care services, but includes accountable care financial arrangements and performance measurement capabilities. It broadens the scope of initiatives and patient populations by adding select specialists and hospitals through contractual arrangements. These may be sub-ACO arrangements whereby the contract is with a PHO or hospital ACO. The same requirements and caveats of the other Network Model forms apply. Community Care of North Carolina is an example of a statewide confederation of 14 Medical Home-Centric Networks.

2. **Integrated ACO Structure** – With this variation, the hospital, health system, foundation, or multi-specialty clinic employs, rather than contracts with, the physician. It may own, capitalize, and control the ACO, with physicians on advisory committees. The HIT and other infrastructure is within the controlling entity. It may have contracts with independent providers and facilities if necessary to round out the breadth, depth, and reach of services needed to accomplish its initiatives.

D. **Essential Element No. 4: Adequate Financial Incentives**



1. **Isn’t This the Same As Insurance?** No. An insurance company assumes the financial risk of whether a person gets ill or has an accident requiring medical care. Accountable care risk is accountability for higher performance treatment of patients once they become ill. This gets fuzzy when one remembers that the ACO will be responsible for an entire patient population, especially as it assumes more risk, as in full capitation. However, this distinction is why the ACO performance expectations need to be severity-adjusted.

2. **What Are the Types of Financial Incentive Models for ACOs?** There are three tiers: upside-bonus-only shared savings; a hybrid of limited-upside and limited-downside shared savings and penalty; and full-upside and full-downside capitation.

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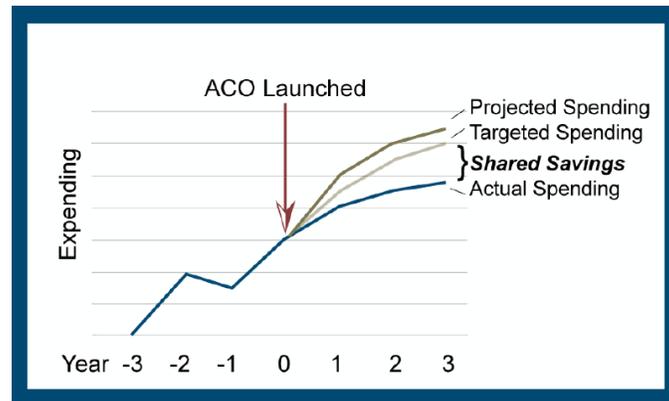
a. **Shared Savings** – If quality and patient satisfaction are enhanced or maintained and there are savings relative to the predicted costs for the assigned patient population, then a portion (commonly 50% according to some surveys and the MSSP Final Rule) of those savings is shared with the ACO. This is stacked on top of the provider’s fee-for-service payments. To maximize incentivization, the savings pool should be divided in proportion to the level of contribution of each ACO participant. This aligns incentives of all ACO participants to keep patients as well as possible, and if ill, to receive optimum care in a team environment across the care continuum. If primary care has especially high medical home management responsibility, this may be accompanied by the addition of a flat per member/per month payment.

Some of the savings pool distributions should be used to maintain the ACO infrastructure, but as much as possible should go to reward providers and facilities for the extra time and attention devoted to patient management and technology investments. As mentioned, it should not go to pay affected physicians or hospitals for reduced revenues under fee-for-service for reductions in volume.

A strength of this model is that it is easy to understand and transition to, since it builds upon the familiar fee-for-service system. That is also its weakness, since fee-for-service still rewards volume, not value. This shared savings model has been criticized as being “asymmetric” or “one-sided,” with no consequence if there are higher costs or no care improvement. Another problem is that there is by necessity a lag time to measure the “delta,” or the difference between the actual costs and the expected costs, so the ACO is uncertain whether there will be revenues. The delay saps the incentivization to adhere to the ACO’s best practices and coordination.

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The Shared Savings Model



*Courtesy of the Brookings Institution

Strategic Note 1: How to Calculate Shared Savings. Although the concept is simple – the ACO gets 50% of the difference between what the costs for the population turned out to be versus what the costs would have been if the ACO were not in place – DO NOT try to do this by comparing your population costs year-to-year. It might work the first year, but will be inappropriate after that. Having to beat your performance from the prior year, every year, is like calling an Olympic medalist a failure if she does not break her world record the next time out. In some CMS demonstration projects, relatively unmanaged counties in other parts of the country were picked as the control populations. Another way that works is to use an actuary that can predict the medical costs for your region or comparable community and use that actuarially valid projected amount as your unmanaged “comparable.” A variation of this latter approach has been chosen by CMS for calculation of the MSSP savings.²⁶

Strategic Note 2: Be Patient Before Taking on Risk. Do not repeat the disaster of the '90s, when providers took on risk without proper technology, infrastructure, best practices, or experience. We recommend that you come within 5% ± of your predicted costs for three consecutive years before leaving the shared-savings upside-only model. You may have unexpected costs over which you have no control. You will likely want to improve your Health Information Exchange, include relevant data elements, and see which of your ACO providers “get it.” In our experience, fears are overblown that lack of downside risk will deter performance improvement. To the contrary, a meaningful bonus payment is very motivating, as much as a recognition of and respect for the clinical leadership of the physicians as it is for the benefit of dollars involved. Individual distributions that differ based on performance determined by peers is also a “grade” that high-achieving individuals work hard to earn.

²⁶ 76 Fed. Reg. 67985-67988.

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b. **Savings Bonus Plus Penalty** – As with the shared savings model, providers receive shared savings for managing costs and hitting quality and satisfaction benchmarks, but also will be liable for expenses that exceed spending targets. This model is called “symmetric” or “two-sided” and the bonus potential is increased to balance the accountability for exceeding pre-set goals. Fee-for-service is retained. This resembles the “two-sided” model mentioned in the Final Rule.²⁷

c. **Capitation** – A range of partial capitation and full capitation models are possible. Fee-for-service payments are replaced by flat payments plus potential bonuses and penalties. Only seasoned and truly clinically integrated ACOs should attempt this level of risk. Yes, the upside is higher, but the disasters of the '90s should not be forgotten.

3. Is This the Same as Bundled Payment or Episode of Care Payment? ACO incentives can be aligned with these and other payment experiments under consideration. An “episode of care” is a single amount to cover all the services provided to a patient during a single episode of care. When that episode payment covers providers who would have been paid separately under fee-for-service, that is a “bundled payment.” Such a payment mechanism that excludes payment for treatment of avoidable readmission or hospital-acquired infections motivates better care. These approaches do not incentivize prevention and medical-home coordination to avoid the episode in the first place.

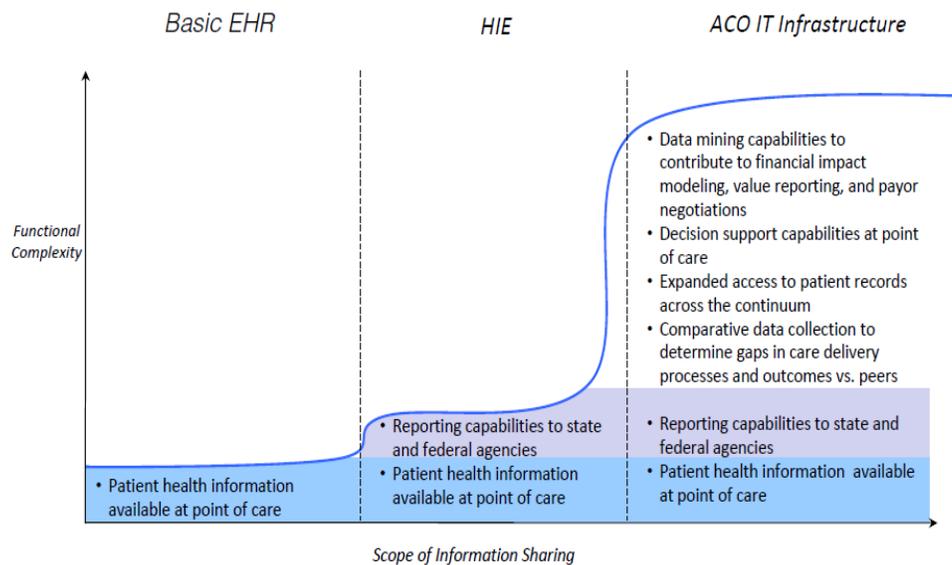
4. “Meaningful Use” Regulations Incentives. We include the “Meaningful Use” payments as an ACO financial incentive because the basic Health Information Exchange within your ACO will likely qualify the ACO’s providers for the Phase Two and Phase Three “Meaningful Use” incentives.²⁸ If your ACO can go ahead and establish its data flow needs relatively soon as outlined in this ACO Guide, you stand a good chance that the federal government will help finance the ACO’s HIT needs. See Section V.E. below for more detail.

²⁷ 76 Fed. Reg. 67986-67987.

²⁸ 75 Fed. Reg. 44314 (July 28, 2010).

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E. Essential Element No. 5: Health Information Technology and Data



1. **What Data?** ACO data is usually a combination of quality, efficiency, and patient-satisfaction measures. It will usually have outcomes and process measures. Nationally-accepted benchmarks are emerging. There are three categories of data needs for an ACO:

a. **Baseline Data** – This is often overlooked. To compare anything, there needs to be a beginning reference point. Can you collect costs and quality data? Who owns it now? Who collects it? Do you trust them to be accurate and objective? Use it to perform a “gap analysis”: Where are your local quality and cost numbers outliers to the ideal? This tells you where your “low-hanging” fruit may be. Match those outlier opportunity areas with the particular strengths of the provider array of your ACO and you have your prioritized initiatives or targets.

b. **Performance Data** – In the value-based reimbursement era, it will not be enough to provide exceptional cost-effective care; you must prove it. A practical way to determine your ACO’s needed performance data is to start by selecting the ACO’s targeted initiative as mentioned above. Then select from emerging nationally recognized quality and efficiency metrics, if they apply. Even if they do apply, convene a multi-specialty committee of clinicians to vet their clinical validity. This committee will recommend performance benchmarks from scratch if national standards are not yet available for all of the care pathways of your initiative. They should address quality, patient satisfaction, and efficiency. They need to be severity-adjusted. Obviously, if and when a third-party payor, including CMS, sets the performance benchmarks, they should be part of the performance array. Many payors want to allow local flexibility and clinical leadership in metric-setting.

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Who collects the data? Are there variables outside of your control affecting your performance scores (i.e., patient non-compliance)? What financial incentives/penalties are tied to each?

c. **Data As a Clinical Tool** – Once the ACO targeted care initiatives are selected, the best practices across the care continuum will be determined. The appropriate ACO committee will then usually “blow up” each pathway into each component and assign clinical leadership, decision support, data prompts, and embed relevant clinical data into each step at the point-of-care. ACOs are discussing virtual workstations and data dashboards. Coordination with downstream providers will be optimized with the real-time sharing of upstream care results and scheduling.

Strategic Notes: (1) The ACO should periodically internally grade itself against the performance benchmarks to create a constant quality/efficiency/satisfaction improvement loop. This not only will hone the contributions of the ACO initiatives, but also will prepare it to increase its financial rewards once the performance results drive a savings pool or bundled payments. Gaps in care should be flagged and addressed before your compensation depends on it. Clearly, clinically valid, accurately collected, severity-adjusted, and properly benchmarked data are essential for any compensation model based on performance. (2) Data that reflects a track record of high performance serves as a bargaining tool when reimbursement is being negotiated, even in fee-for-service. (3) Use data first to target the “low-hanging fruit,” high-impact, value-add initiatives in your area best suited to your specialty or facility. Next, use data to collect evidence of your performance. There will be specific baseline, performance, and clinical data elements needed for each participant to meet objectives, maximize their measured contribution, and thus reap a meaningful reward from the savings pool.

d. **The MSSP Final Rule Provides Details** – Down from 65 in the Proposed Rule, the Final Rule requires reporting on 33 measures across your domains: patient/caregiver experience; care coordination; patient safety; preventative health; and at-risk population/frail elderly health. The goals of measure setting include seeking a mix of standards, processes, outcomes, and patient experience measures, severity adjusted and, to the extent practicable, nationally endorsed by a stakeholder organization.

e. **HIE Capability** – Your ACO will need Health Information Exchange (“HIE”) capabilities sufficient to move this data across the continuum in a meaningful way. This HIE is aligned with the Meaningful Use regulations. It will need to be able to aggregate data from multiple sources into user-friendly formats with decision support and relevant data that follows the patient to maximize chances of success in the ACO’s targeted initiatives. It needs to minimize the data collection burden on workflows.

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F. Essential Element No. 6: Best Practices Across the Continuum of Care

Another essential element of a successful ACO is the ability to translate evidence-based medical principles into actionable best practices across the continuum of care for the selected targeted initiative or initiatives. An ACO may start out with a single patient population (i.e., morbidly obese patients) or disease-state (i.e., diabetes).

The five identified high-impact target areas for ACO initiatives are:

- Prevention and wellness;
- Chronic disease (75% of all U.S. health care spending, much of it preventable);
- Reduced hospitalizations;
- Care transitions (across our fragmented system); and
- Multi-specialty care coordination of complex patients.

“The best bet for achieving returns from integration is to prioritize initiatives specifically targeting waste and inefficiency caused by fragmentation in today’s delivery system, unnecessary spending relating to substandard clinical coordination, aggravated with the complexity of navigating episodes of care, and unwanted variations in clinical outcomes driven by lack of adherence to best clinical practice.”²⁹

As discussed earlier in Section V.B., the richest “target fields” from this array will vary by specialty and type of facility. Looking at these suggested initiatives, it is no wonder why primary care is emphasized as key for ACOs, since they could play a significant role in every area. The ACO should match its strengths against the gaps in care in the ACO’s market to find the proverbial “low-hanging fruit.”

G. Essential Element No. 7: Patient Engagement



Patient engagement is another essential element. Without it, an ACO will not fully meet its potential. Unfortunately, many of today’s health care consumers erroneously believe that more is better, especially when they are not “paying” for it, insurance is. Patient noncompliance is a problem, especially regarding chronic diseases and lifestyle management. It is difficult to accept a compensation model based on input on improved patient population health when that is dramatically affected by a variable outside of your control, patient adherence. Currently, asking a patient to be a steward of his or her own care puts a fee-for-service payor at a competitive disadvantage. But patient engagement is part of patient-centeredness, which is required by PPACA for an ACO to qualify for CMS’ Shared Savings Program.³⁰

²⁹ *Toward Accountable Care*, The Advisory Board Company (2010)

³⁰ Section 3022 of the Patient Protection and Affordable Care Act of 2010 (42 U.S.C. §§ 1395, et seq.). See also 76 Fed. Reg. 67976.

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What Can an ACO Do to Engage Patients?

Better information at a societal level and also at the medical home point of care.

- **The Patient Compact** – Some ACOs, such as the Geisinger Clinic, engage the patient through a compact, or agreement. It may involve a written commitment by the patient to be responsible for his or her own wellness or chronic care management, coupled with rewards for so doing, education, tools, self-care modules, and shared decision-making empowerment. The providers will need to embrace the importance of patient involvement and hold up their end of the engagement bargain.
- **Benefit Differentials for Lifestyle Choices** – The financial impact of many volitional patient lifestyle choices is actuarially measurable. A logical consequence of the patient choice could be a benefit or financial differential reflecting at least partially these avoidable health care costs.

H. Essential Element No. 8: Scale-Sufficient Patient Population



It is OK, even desirable, to start small; to “walk before you run,” so to speak. However, it is often overlooked that there needs to be a minimal critical mass of patients to justify the time and infrastructure investment for the ACO. PPACA’s Shared Savings Program requires that the ACO have a minimum of 5,000 beneficiaries assigned to it.

Strategic Note: Some ACOs commence activities through a single pilot, or demonstration project, without a sustainable patient population scale. It can de-bug the initiative and test-run the ACO early enough to fix problems before ramping up. This must succeed, however. If it does, it will be much easier for the ACO champions to gain buy-in from others.



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The elements do come together and mesh. Culture dominates. Each one can be built. These are not mysterious. They are doable. It will be hard. Once the ACO organizers embrace the opportunity in this change, achieving all of the elements for sustainable success is quite feasible. In addition, if you are evaluating a previously organized ACO, there are clear indicators regarding these essential elements that will predict reliably its likelihood of success.

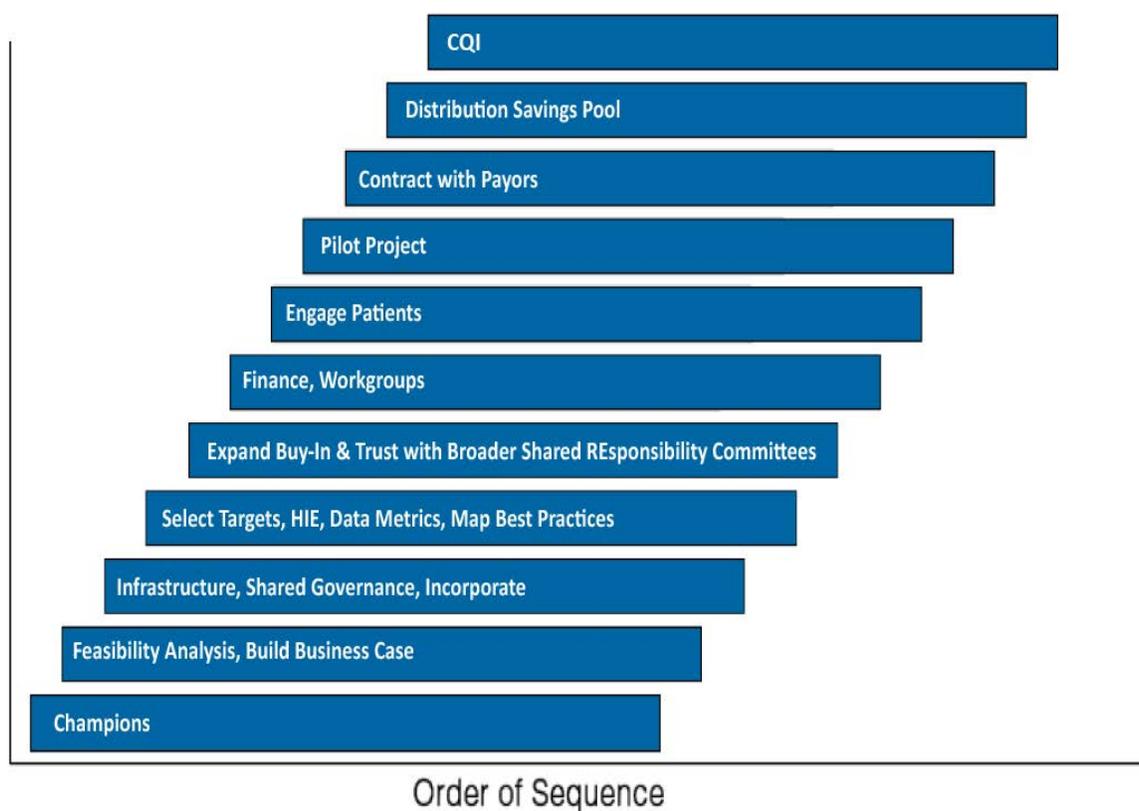
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VI. Successful Implementation – A Step-By-Step Guide

A. Where Do I Start?

OK, you now may be saying: “I know what an ACO is, why it is important, and how to identify ones that will succeed. However, how do I build one? Where do I start? I know where I need to go now, but how do I get there?” The creation of an ACO follows basic business planning and start-up principles. Expert advice on ACO development is uniform. The following is a step-by-step guide to building an ACO.

B. Step-By-Step Guide



1. **Informed Champions** – Perhaps even ahead of this first step may be that there needs to be some ACO information available to plant the seed of awareness with a few local champions. These champions, whether hospital CEO, family physician, or neurosurgeon, will need to invest their “sweat equity” to get up to speed (the main purpose of this ACO Guide). The champions need to reach beyond silos and see whether cultural compatibility is possible.

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2. Strategy Formulation/Gap Analysis – Next, a small core group should honestly assess where they are and where they need to go. What is the target market (i.e., chronic disease, Medicaid, the elderly)? Does an ACO make sense? What do we target? How do we make sure this is fair and successful so that we get buy-in? Some experts recommend a phased approach starting with primary care, then adding select specialists and hospitals around targeted high-impact initiatives, then a comprehensive panel, and then, finally, including public health and social services. Other experts recommend matching the natural strengths of the ACO with the greatest gaps in care for the local area. Then they would have the ACO model a strategic business case, to create a roadmap to development. How will it achieve all of the 8 Essential Elements? Keep the team very small at this stage.

3. Clear Vision – The organizing group needs to have credibility and will need to unite around a clear and compelling shared vision.

4. Clinical Integration – Through shared decision-making and champion leadership, build capabilities of a clinically integrated organization. Review the plan for presence of the 8 Essential Elements listed in Chapter V. The Toward Accountable Care Consortium and Initiative (TAC) is creating specialty-specific strategic toolkits to assist each specialty in building in capabilities and programs to optimize that specialty's contribution to, and thus reward from, an ACO. Please see Part Two, Section II, for the completed toolkits. If yours is not present, please contact Melanie Phelps at mphelps@ncmedsoc.org to see how you and your specialty society can partner with the TAC to develop a state-of-the-art toolkit.

- a. Start with your initial targeted initiatives.
- b. From them, establish best practices for the continuum of care for all providers involved with that type of patient.
- c. “Blow up” the best practices into component parts and assign clinical leadership responsibility for each.
- d. Identify which clinical data sets and decision support tools are needed at each step.
- e. Assign performance metrics and financial accountability for same.
- f. Determine HIT technical requirements.
- g. Determine best financial tools to incentivize desired behavior by all involved (i.e., share savings with predetermined performance benchmarks and distribution methodology). The TACC has engaged the law firm of Smith Anderson Blount Dorsett Mitchell & Jernigan, LLP and the health care valuation firm of HORNE, LLP to develop a multi-based shared savings distribution model for use by ACOs with multiple specialties. It will be made available by the TAC.

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5. **Structural Foundation** – Choose the legal entity approach and formal governance structure most appropriate to your culture and business plan. It must be driven by the form most likely for the success of the ACO, not controlled by success for any particular stakeholder. Establish membership criteria and a shared decision-making structure. Design and undertake training. Develop payor strategy and contract terms. Do “ROI” predictive modeling to estimate savings and quality benefits. Create credible value talking points for all stakeholders. If you choose to participate in the Medicare Shared Savings Program, make sure you meet all the structural requirements, which are not onerous.
6. **Expand Buy-In** – Broaden structured involvement. Create a multi-disciplinary integration committee with HIT, best practices, patient engagement, and finance subcommittees.
7. **Accountability Function** – Develop data metrics, measurement capability, and sophisticated financial administration capabilities to manage financial shared savings distribution. Set performance targets. Normalize data. Make sure your performance-based incentives target your ACO objectives.
8. **Start Small** – Start with a demonstration or pilot project.
9. **Contract with Payors** – Once ready, contract to provide integrated accountable care services on a shared savings basis, at least initially, for your target patient population. The patient population scale must be adequate to achieve economies of scale. Consider a Medicare ACO starting in January of 2014 as part of a broader strategy. (See Part Two for a blueprint on applying to the Medicare ACO and Medicare ACO Advance Payment Model programs.
10. **Assess and Improve** – Assess results of the process. Make adaptations to create a constant quality improvement (“CQI”) loop. Collect and distribute the savings pool roughly in proportion to contributions to it.

VII. Conclusion

The Accountable Care Organization holds great promise to address many of the ills of America’s health care system. However, it will require new skill-sets, collaboration partners, technology, and systems. It will require a radically different approach to shared accountability. It is the goal of this ACO Guide to demystify ACOs for all stakeholders and to provide some tools and confidence to allow health care leaders to take prudent risks for greater success than they otherwise would have.

For more information on any aspect of this ACO Guide, please contact Julian (“Bo”) Bobbitt at either 919-821-6612 or bbobbitt@smithlaw.com. (www.smithlaw.com)

Part Two: Accountable Care Guide for Cardiologists



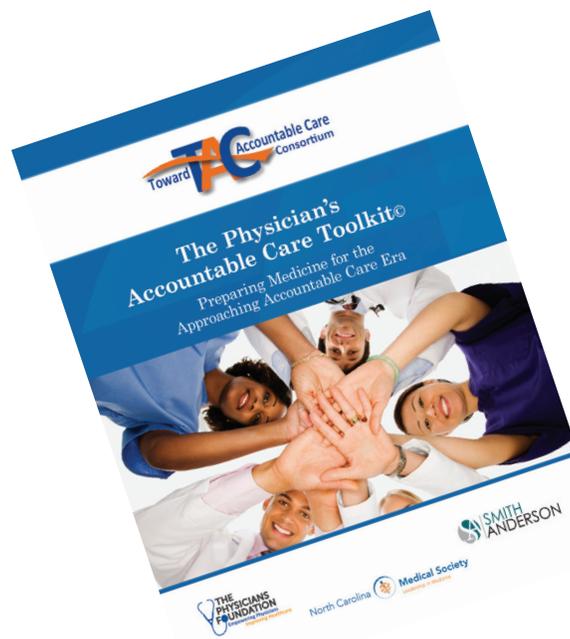
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CHAPTER

The Accountable Care Guide For Cardiologists

I. Introduction

A. Purpose of this Guide

The companion *The Physician's Accountable Care Toolkit*® describes what it takes to create a successful ACO and the steps to get there. Since it is fundamental that an ACO be a win/win for all involved, it applies whether one is a primary care physician, specialist physician, or hospital executive. This *Accountable Care Guide for Cardiologists* on the other hand, spells out specific strategies for cardiologists, whether in a small rural hospital, a large independent practice or employed by a health system.



B. Recap of The Physician's Accountable Care Toolkit®

1. **What Is an ACO?** – Former Administrator of the Centers for Medicare and Medicaid Services (“CMS”) Mark McClellan, M.D., Ph.D. described an ACO as follows: “ACOs consist of providers who are jointly held accountable for achieving measured quality improvements and reductions in the rate of spending growth. Our definition emphasizes that these cost and quality improvements must achieve overall per capita improvements in quality and cost, and that ACOs should have at least limited accountability for achieving these improvements while caring for a defined population of patients.”¹

¹ Mark McClellan, Director of the Engleberg Center for Health Care Reform at the Brookings Institution, *A National Strategy to Put Accountable Care Into Practice*, Health Affairs (May 2010), p. 983.

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Similarly, the National Committee for Quality Assurance (“NCQA”) included the following definition in its draft ACO criteria: “Accountable Care Organizations (ACOs) are provider-based organizations that take responsibility for meeting the health care needs of a defined population with the goal of simultaneously improving health, improving patient experiences, and reducing per capita costs, ... There is emerging consensus that ACOs must include a group of physicians with a strong primary care base and sufficient other specialties that support the care needs of a defined population of patients. A well-run ACO should align the clinical and financial incentives of its providers.... ACOs also will need the administrative infrastructure to manage budgets, collect data, report performance, make payments related to performance, and organize providers around shared goals.”²

2. **This is Big, Different and Inevitable** – If we stay on the current spending glide path, by 2035, health care costs in this country will be more than the total of all tax and other revenues collected in our country, and by 2080, taxpayer funded health care will equal all of our governmental revenues, meaning that everything else—defense, roads, education—must be funded by borrowing. The other options are simply unthinkable: tax increases, rationing care, or drastic reimbursement cuts. As a country, our health care costs are more than 50 percent more than in any other country, but we are now ranked 32nd in what we get for our investment. The Congressional Budget Office laid the groundwork for accountable care’s “pay-for-value” underpinning when it reported that much of the blame for our runaway health care costs should be placed on our fee-for-service payment system where “providers have a financial incentive to provide higher-intensity care in greater volume, which contributes to the fragmented delivery of care that currently exists.”

Besides fragmentation, duplication and “more is better” excess, there are significant unjustified variations in quality and costs of care for similar patient populations. Yet, when motivated providers collaborate to drive the highest quality outcomes and the lowest costs, they do. Wonderful things happen—the patient is happier, employers finally see a slackening of spiraling health care costs, physicians regain control of the physician-patient relationship, and there is “found money” in savings from squeezing out waste to reward them for their efforts.

Yes, reversing the way health care is paid for is big, and it will require significant change. But, physician-led accountable care is the best way to fix health care and provide physicians financial and professional reward.

² National Committee for Quality Assurance, Accountable Care Organization (ACO) Draft 2011 Criteria, p. 3.

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C. What Are the Essential Elements of a Successful ACO?



There are eight essential elements of any successful ACO. All eight are required. You cannot skip a step. As early ACO success and failure reports confirm, by far, the most important element for ACO success is the creation of an interdependent culture of mutual accountability committed to higher quality at the lowest cost.

1. **Culture** – Full collaboration and true partnering among hospitals, physicians and other providers will drive success. This must be coupled with a buy-in to work in teams to drive value with a “win/win” population management philosophy. This is way, way out of physicians’ and hospital administrators’ comfort zones. Physicians love independence, autonomy and often just want to see patients. Administrators have heretofore succeeded through strong leadership direction and infrastructure control. **“The most significant challenge of becoming accountable is not forming an organization, it is in forging one.”**³ Culture keys are: champions, governance and merit-incentives.

2. **Primary Care Physicians** – When reviewing Element 6 below, the core role of primary care becomes clear. Prevention, wellness, care transition and patient coordination management are the “low-hanging fruit” for ACO improvements and savings and are all in primary care’s sweet spot. Primary care is the only sub-specialty required in Medicare’s ACO program. Sophisticated ACOs will thrive with hospitals, specialists and community health partners, but primary care, at least one-third of the total membership, will always be at the core.

³ Phillip L. Rowing, *Becoming Accountable*, HFMP Compendium Contemplating the ACO Opportunity, Appendix, p. 40 (Nov. 2010).

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3. **Adequate Administrative Capabilities** – ACO structural, operational and legal considerations are essential, but are relatively straightforward. Developing the interdependent culture and commitment to clinical transformation across the full continuum of care are more elusive and should receive most of the ACO leadership’s attention. Ironically, because they are objective, readily measurable, and more familiar, structural, operational, legal and HIT issues often consume the bulk of planning time, leaving the subjective and “invisible” culture and care transformation issues behind.

4. **Adequate Financial Incentives** – “[I]f incentives are correctly aligned, organic innovations to solve other problems can and will engage.... Anticipated early versions of ACO payment incentives are likely to be directionally correct but unlikely to be sufficient to create the needed burning platform.”⁴ One rule of thumb may be found in antitrust law, where the behavior changing tipping point in health care is considered to be roughly 20 percent of total compensation. Fifty percent savings for ACOs not taking downside financial risk is a fairly common measure and viewed by most as adequate.

5. **Health Information Technology and Data** – Every successful ACO will run on a sound technology platform with meaningful, actionable data at the point of care, transferable across the continuum, and available in aggregate form to prioritize ACO initiatives, measure performance, and report to payors and health care regulators. In contrast to fee-for-service with its demands of physician time and lack of incentives to log and study data, ACO physicians clamor for such information. These HIT and data capabilities need not be prohibitively expensive nor mandate linking EMRs. Sometimes a “Chevy” will get you where you need to go just about as well as a “Cadillac.”

6. **Best Practices Across the Continuum of Care** – The five identified high-impact target areas for ACO initiatives are:

- Prevention and wellness;
- Chronic disease (75 percent of all U.S. health care spending, much of it preventable);
- Reduced hospitalizations;
- Care transitions (across our fragmented system); and
- Multispecialty care coordination of complex patients.

“The best bet for achieving returns from integration is to prioritize initiatives specifically targeting waste and inefficiency caused by fragmentation in today’s delivery system, unnecessary spending relating to substandard clinical coordination, aggravated with the complexity of navigating episodes of care, and unwanted variations in clinical outcomes driven by lack of adherence to best clinical practice.”⁵

⁴ Ann Robinow, *Accountable Care News*, *The Top 30 Obstacles to ACO Implementation*, (Dec. 2010).

⁵ *Toward Accountable Care*, The Advisory Board Company (2010).

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7. **Patient Engagement** – How can your compensation be based on outcomes when the patient is not “in the game?” Patient engagement and patient-centeredness are essentials to ACO success for this reason. The patient who has not self-referred to your office but should be more important to population health management than the one who has. Two simple strategies often seen in successful ACOs are longer face-to-face initial visits with patients/families employing true communication skills and nurse coordinators who follow up with patients after they leave the facility or office. Technology is extending the virtual reach of these physicians and coordinators and are proving their “ROI,” or return on investment, in the value-based payment era.

8. **Scale-Sufficient Patient Population** – There are certain front end investments and ongoing fixed costs requiring a minimum scale of patient population to succeed. Medicare’s ACO minimum threshold of 5,000 beneficiaries is a useful benchmark.

D. These Apply to Everyone

Because a successful ACO must be “win/win,” with every stakeholder motivated to achieve their optimum value-added contribution to the enterprise, these principles transcend medical specialty, employment status, payer relationship, or facility type. They apply to you whether you are a primary care physician, hospital CEO, director of a palliative care program, community nonprofit or specialist physician. They are not mysterious; they are doable; culture dominates. It is the goal of The Physician’s Accountable Care Toolkit© to serve as a roadmap for every reader to be able to unlock ACO success for their patients, themselves and their ACO.

II. Could Accountable Care Be A Good Thing For Cardiologists?

In *The Physician’s Accountable Care Toolkit*©, we learned what an ACO is, that it will not be going away, and how to know if one stands to be successful. But what, specifically, will this mean for the Cardiologist?

A. Pros

- **Control Your Destiny** – Due to reimbursement changes, alignment trends, the shift to value-based payment, demographic changes, and the looming cardiologist shortage, dramatic change in the practice of cardiology will continue. It is crucial to control the agenda; not react to someone else’s. There is singular opportunity to do so in the specialty because of a winning combination in the accountable care era: Costs for patients with heart or vascular issues are substantial and subject to constraint by cardiologist-led quality initiatives.

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1. **Reimbursement Changes Create Turbulence** – “[Cardiology] Practice economics are in peril, with reimbursement declining and volumes harder to capture. In particular, in 2010, dramatic cuts to nuclear imaging of approximately 30 percent (later corrected) and debate over a more than 20 percent cut to the Sustainable Growth Rate (SGR) introduced considerable uneasiness. In all, cardiologist revenues reportedly declined nearly 9 percent across the year.”⁶ The 2013 Medscape Cardiologist Compensation Report showed the trend continuing in 2012, with 39 percent reporting income declines and 18 percent increases.⁷

2. **Cardiologists Realigning** – “The American College of Cardiology (ACC) recently released the results of its Hospital Executive Leadership Awareness and Attitudes survey.... Forty percent of administrators indicated that their organization had acquired or had considered acquiring a cardiology practice in the last two years. Approximately 20 percent are considering an acquisition in the near term.”⁸ “These [declining revenue] results indicate physicians are not only feeling pressured by new realities, but are also taking action in order to maintain their practices.” *American Medical News* predicted that 36 percent of practicing cardiologists will practice independently, down from 57 percent in 2000.⁹ Cardiologists need to be intentional and strategic regarding this change, not reactionary without a plan.

3. **Reform Compelling More Integration—Cardiologists Must Assume Leadership** – “The demand for physicians and hospitals to integrate may only grow across the next decade with the implementation of reform. ... To survive in this emerging environment, hospitals and physicians will need to assume a level of functional integration far deeper and broader than most have in place today.”¹⁰ Cardiologists need to drive change, add value and assure that it is fairly recognized.

4. **Workforce Issues Drive Change** – The need for cardiac and cardiovascular services is growing, while a looming shortage of specialists is predicted. One study reports the following factors as driving demand for cardiovascular specialists:

- a. “Population: An aging population with more chronic cardiac patients living longer.
- b. Metabolic syndrome: The ‘epidemics’ of obesity and type 2 diabetes leading to more cardiovascular disease.
- c. Superior outcomes: Compelling evidence that heart patients have better outcomes if they receive at least part of their care from a cardiologist.
- d. Managed care decline: The decline of managed care’s gatekeeper model that blocked access to specialists.

⁶ The Advisory Board Company, Cardiovascular Roundtable, *Securing Physician Alignment*, <http://advisory.com/Research/Cardiovascular-Roundtable/studies/2011/securing-physician-alignment>.

⁷ Medscape, *Cardiologist Compensation Report: 2013*, <http://www.medscape.com/features/slideshow/compensation/2013/cardiology>.

⁸ Khan, Dana, The Advisory Board Company, Cardiovascular Rounds, *Employment Trends: 40% of Administrators Have Acquired or Considered Acquisition of Cardiologists*.

⁹ Ter Maat, Sue, *Am. Med. News*, “Cardiologists Leaving Independent Practice At A Rapid Pace,” <http://www.amednews.com/article/20130104/business/13020997/4/>, (Feb. 4, 2013).

¹⁰ *Op.Cit.* (see The Advisory Board Company, *Securing Physician Alignment*).

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- e. Consumerism: A better informed public with growing expectations in terms of their personal healthcare.
- f. Women: Increasing awareness among women that they are more likely to die from cardiovascular disease than from cancer.
- g. Clinical innovation: Continuing technological and procedural innovations and their rapid diffusion into practice.
- h. Screening: More widespread use of cardiovascular screening tests that result in more referrals and procedures.
- i. Subspecialization: Progressive subspecialization within cardiology that results in more ‘internal’ referrals.”¹¹

5. **The Accountable Care Winning Combination—Significant Costs Which Can Be Impacted Through Specialist-Led Quality Initiatives** – According to the American Heart Association, coronary heart disease alone costs the United States \$108.9-billion each year when medical costs and lost productivity care considered.¹² Yet only 27% of Americans recognize all the symptoms of a heart attack. The Advisory Board Company reports that since 97% of the highest-cost Medicare patients have at least one cardiovascular condition and urges a CV care management strategy beyond the service line but across every hospital institution.¹³

And because of these high costs, cardiologists are in position to inflect substantial savings. For example, the cardiologist-led Heart Function Clinic profiled at Section V.A.1 of this paper caused a 69% decrease in hospital admissions for heart failure and 75% reduction in emergency department utilization for heart issues. Patient care was better, the cardiologists and patients were happier, and the savings were substantial.

Payors are recognizing cardiologists who demonstrate this leadership through preferential reimbursement and steerage. For example, BlueCross BlueShield of North Carolina has introduced its “Tiered Network” and cardiology practices exceeding both quality and cost thresholds are included in their preferred “skinny” network called “Tier 1.”¹⁴ Data shows that there is considerable county-to-county variability in risk adjusted congestive heart failure mortality, illustrating the substantial savings from reduced variability of care. That 18 out of 48 episodes of care eligible for the Medicare bundled payment initiative relate to cardiovascular care suggests much available “low-hanging fruit” for cardiologists in value-based payment.¹⁵

¹¹ Fye, W.B., Hirshfield, J.W., et al., *Cardiology's Workforce Crisis: A Pragmatic Approach*,” Presented at the 35th Bethesda Conference, Bethesda, Maryland, October 17-18, 2003. *J. Am. Coll. Cardio.* 2004, 44:215-75.

¹² Centers for Disease Control and Prevention, Heart Disease Facts, <http://www.cdc.gov/heartdisease/facts.htm>.

¹³ The Advisory Board Company, Cardiovascular Roundtable, Power Up Your CV Care Management Strategy, (Jan. 2, 2014), <http://www.advisorycom/Research/Cardiovascular-Roundtable/Resources/2013/Posters>.

¹⁴ BCBSNC, Tiered Network Product (2014), <http://www.bcbsnc.com/content/providers/quality-based-networks/tiered-network.htm>.

¹⁵ <http://innovation.cms.gov/initiatives/bundled-payments>.

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6. **Cardiology Leadership Urges Full Commitment to Shaping Value Model** – In September 2013, in a joint article in *Journal of the American College of Cardiology*, the presidents of ACC and the Society for Cardiovascular Angiography and Interventions (“SCAI”) acknowledged the “highly-charged and rapidly changing environment in which we practice” and asserted that, “Perhaps the most critical of these challenges involves the responsibility to address ever-increasing healthcare costs.” They placed accountability for quality as of the utmost importance. They are collaborating on innovative tools, such as the National Cardiovascular Data Registry (“NCDR®”). They posit that by both groups’ commitment to “quality in a serious, sustained, ‘all in’ manner...we have positioned cardiovascular medicine at the forefront in the context of value-based purchasing, public reporting, and pay-for-quality.”¹⁶ Similarly, in a March 2011 letter to the Centers for Medicare and Medicaid Services (“CMS”) regarding the proposed value-based purchasing rule, the President of the ACC stated that, “We are very supportive of the CMS proposal to focus the measures in the program on those diseases that have a high impact on the Medicare population. Cardiovascular disease has the highest impact on patients in the Medicare population and has been the top killer in the United States.”

7. **Conclusion: Success Comes from Moving to the “Second Curve”** – In short, the main “pros” are that there is significant professional and financial reward ahead for those who control their future as we enter the accountable care era. Being prepared will take precious time and will involve transformative change. But being unprepared is just not an option. Health care is transforming along two evolutionary curves. The “first curve” signifies the rise and later fall of a business model that does not adjust to outside forces of change. That is represented in health care by siloes, fragmentation, and pay-for-volume efforts. The “second curve” required for survival and success will be based on value, integration, patient-centeredness, and pay-for-value. Cardiologists who lead this change to the second curve will fare better than those who do not adapt. Moreover, the health care delivery system is changing and the risk of being a mere observer is marginalization and commoditization.

B. Cons

- Cardiologists are working hard, leaving little time or spare intellectual bandwidth to power ACO driven changes.
- You have seen this “next big thing” before and it didn’t work out as advertised. You have little experience and less spare capital to undertake something this complex.
- Cardiologists are often employed by or work almost exclusively in a single hospital, potentially stifling the freedom to exercise ACO options. As ACOs improve care efficiency, many procedures will be reduced, thus potentially lowering cardiac procedure fee-for-service revenue. So, in the current health care transition environment, there is the paradox of improved care potentially decreasing income.

¹⁶ Harold, John; Bass, Ted, President’s Page: The Mandate for Quality, *J. Am. Coll. Cardiol.*, (July 24, 2013), pp. 938-939.

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- Many ACO models do not include cardiologists. The ultimate risk, however, is that if cardiologists and other physicians do not step up to have a seat at the table, ACOs will not be properly constructed, the model will fail, and only dismal alternatives will remain.

III. The Recommended Approach For Developing Specialist Accountable Care Strategies

In the value-based reimbursement era, each specialty is rethinking its role. Some of the questions confronting specialists are: **What is our maximum value-adding contribution across an entire patient population? How can we generate quality and savings improvements for the ACO and thus maximize performance rewards for our specialty?** This rethinking is perhaps most dramatic regarding savings. The gain will not be from seeing a patient cheaper or quicker, but by reducing costs for a patient population over a given period of time. Quality metrics exist to measure the quality of care rendered by one physician to one patient. But it is as fundamental as it is radically different, that accountable care strategic developments for any specialty focus on excising avoidable waste across the continuum of care for the entire patient population. New coordination transition, education, and engagement metrics will need to be developed and properly weighted by peer clinicians.

A hint of what a specialty should prioritize is given by this list of the top five high-yield targets for ACOs:

- Wellness/prevention
- Chronic care management
- Reduced hospitalizations
- Care transitions
- Multi-specialty coordination of complex patients

From these, which ones are likely to have the quickest and biggest bang for the buck, proven metrics, and community champions? What is working elsewhere? This should reveal for the specialty its potential prioritized list of value-add ACO initiatives.

Once this list is in hand, the last step is to marry them in a particular locale through a gap analysis to the areas of avoidable waste in that region. The specialist can then make a compelling case that an area of the patient population's greatest need is matched with that specialty's greatest strengths.

The specialists also can benefit from ACO negotiation and marketing tips, knowledge of how to assure fair savings pool distribution, and what clinically valid metrics should be used to accurately measure their performance.

Ideally, this process should be led by a well-respected and diverse peer "accountable care workgroup" of a national or state professional society of that specialty.

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IV. The Process Followed For Creation Of This Accountable Care Guide For Cardiologists

Several cardiologist leaders thought that cardiologists should be prepared for the approaching accountable care era. They engaged their state specialty society, the North Carolina Chapter of the American College of Cardiology (“NCCACC”) to work with the Toward Accountable Care Consortium and Initiative (TAC). A Cardiology Accountable Care Workgroup was formed. Following initial guidance from members of the Accountable Care Workgroup, staff and attorneys for the TAC conducted a national literature search, with emphasis on value-based care and benchmarking recommendations.

Strategic Note: Many, if not most, of the non-preventive care best practices from the fee-for-service environment may not be particularly useful without adaptation, as they tend to focus on specialist care in a fee-for-service setting of an individual patient. For example, it may not mention patient engagement, pushing knowledge “upstream” to the primary care or referring physician or transitioning across a “siloes,” fragmented system. Likewise, metrics abound measuring that individual care, but are not yet common in areas such as transition, care coordination, care team education, or increased access through telemedicine.

Potential initiatives underwent further review by the Cardiology Accountable Care Workgroup, with the TAC support team directed to perform more in-depth analysis of select possible target areas. These findings were further reviewed and revised by the Accountable Care Workgroup and presented to the NCCACC and the TAC Physician Advisory Committee. Macro predictive cost savings estimates were made, but a refined financial predictive modeling analysis, though needed, is beyond the scope of this project. Likewise, while guidance on the nature and type of performance metric selection is provided, the actual full mapping of those metrics is beyond the scope of this project.

The researchers and physician peer reviewers are comfortable that this represents a useful start in this important and rapidly evolving field. This *Guide* is a beginning, not an end, to the process.

V. Recommended ACO Initiatives For Cardiologists

The Cardiology Accountable Care Workgroup found that there are a number of high-impact readily achievable cardiologist-led contributions to quality and patient population savings, heretofore not feasible under the fee-for-service system. The cardiologists’ potential to add value is underscored by some telling statistics:

- Only 1.1 percent of the population meets all seven of the American Heart Association’s metrics for ideal health (smoking, BMI, exercise, diet, cholesterol, blood pressure, and HbA1c).¹⁷

¹⁷ <http://www.lifescoreprogram.com/what-are-the-american-heart-association-metrics-for-ideal-health>.

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- Cardiac-related procedures 3 of the top 10 drivers of avoidable inpatient admissions.¹⁸
- ACO-like systems of care for acute ST elevation myocardial infarction (STEMI), stroke, and cardiac arrest have translated into measured quality improvement and cost reductions.¹⁹

See Appendix A for ADVISORY BOARD GRAPHIC, Power Up Your Cardiovascular Care Management Strategy or click on link below:

http://www.tac-consortium.org/wp-content/uploads/2014/02/27890_CR_CV_Infographic_Final.jpg

The most promising and replicable initiatives follow:

There was consensus among the Cardiology Accountable Care Workgroup that avoiding unnecessary hospitalizations presented the proverbial “low-hanging fruit.” They noted that the aforementioned American Heart Association’s seven ideal health metrics and tools are very easy to use and can produce huge savings. As noted, the cardiologist-led Heart Function Clinic reduced admissions by 69%.

See Appendix B for AHA GRAPHIC, Your Hospital’s Path to the Second Curve: Integration and Transformation.

A. Cardiologist-Led Primary Care Teams

One cardiologist noted that her greatest contribution to value may be as leader of a cardiac care team where “patients I never saw got the right cardiac care.” The care team needs to coordinate, know their roles, practice to the top of their licenses, and be supervised by a cardiologist. “Supervision” is a carefully chosen role, as cardiologists need to rationalize how they spend their time. They need to delegate, coordinate, and supervise, and avoid managing multiple uncoordinated tasks related to a patient’s care. One Workgroup member noted that it is inevitable to “make mistakes when you get overwhelmed,” by the physician having to do everything.

The team should include primary care medical homes and community public health partners. One Workgroup member noted that if supported by evidence-based best practices (see V.C. below), “primary care physicians need to measure [such things as] hypertension without a cardiologist.” Clear data feedback algorithms, standing protocols, referral guidelines, and periodic team service line meetings will all benefit team coordination.

¹⁸ The Advisory Board Company, *The Population Health Manager’s Playbook for Avoidable Costs*, p. 32 (2012).

¹⁹ Rokos, Ivan, *Creating “Turbo” Accountable Care Organizations for Time Critical Diagnoses*, *Circulation: Cardiovascular Quality and Outcomes*, p. 647.

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This type of cardiologist-led care team prevention of acute cardiac events will significantly improve health status while reducing hospital admissions. This is becoming the classic ACO initiative involving many specialists, not just cardiologists. It would not be feasible under the siloed and fragmented fee-for-service model.

The cardiologists at Cornerstone Health Care ACO in High Point, North Carolina developed a multidisciplinary Heart Function Clinic. It is a cardiologist-led collaboration including specially trained nurses, psychologists, and dieticians. It is comprehensive and proactive with frequent office visits, telephone outreach to patients, and frequently their home health and nursing home providers. It has generated the previously-mentioned 69% reduction in admissions and 75% reduction in emergency department utilization for heart issues.

The cardiologists at Piedmont Heart in Atlanta collaborated with Piedmont Healthcare to create integrated multidisciplinary teams. “Most CV physicians divide their time among making clinic visits, performing office-and-hospital-based procedures, reviewing diagnostic study results, and rounding on patients. That fragmented approach preserves the individual physician ‘ownership’ of the patient, but it often results in inefficient time usage and does not encourage physicians to ‘play to their strengths’ and work as an integrated team. ... [which] allows a physician to focus attention on one or two activities rather than trying to manage multiple uncoordinated tasks related to a patient’s care.”²⁰ Physician extenders are utilized extensively to the full breadth of their license, further relieving cardiologists of distracting tasks.

In another example, the heart and vascular institute at Summa Health System in Akron, Ohio will involve not only cardiologists but also primary care physicians and radiologists in a performance-based clinical co-management agreement.²¹ The Advisory Board Company urges cardiologists to “work collaboratively with PCPs to manage care; perform appropriate procedures only when necessary,”²² and notes that coordinating with PCPs will ease the manpower concerns in coming years as the number of elderly and chronic patients grows.²³ The consulting company also recommends better referral patterns to streamline care processes.²⁴

B. Emergency Department Triage and Diversion

Too often, the emergency physician is in doubt regarding a patient’s chest pain, and that patient gets admitted to the hospital unnecessarily. Sometimes, the admission is a default measure simply because no physician is available to take responsibility for that patient. In the current fragmented system, the process of transition from emergency room to cardiologist to discharge planning is

²⁰ Goodman, Phillip, *Roles for Specialty Societies and Vascular Surgeons in Accountable Care Organizations*, J. Vas. Surg., pp. 875-882, (March 2012).

²¹ Molden, Michele, *At the Heart of Integration: Aligning Physicians and Administrators to Create New Value*, *Frontiers of Health Services Management*, Vol. 29, No. 4, (Summer 2013), pp. 7-9.

²² The Advisory Board Company, Cardiovascular Roundtable, *Securing Physician Alignment*, slide 109 (2011).

²³ *Id.*, at slide 116.

²⁴ *Id.*, at slide 118.

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complex and uncoordinated, leading to substantial inefficiencies. An ACO savings strategy is for the highest-trained physician (cardiologist) to be involved in the decision-making and to take responsibility. Education, telemedicine access, protocols, and other alternatives to live presence suggest themselves to accomplish these objectives.

- **Example:** ED Availability = Value. One ACO embeds a cardiologist in the hospital's emergency department to provide immediate access. The cardiologist does other things, but is instantly available. This reversal from the traditional fee-for-service practice of the emergency department contacting the cardiologist only for the highest acuity patients has generated surprisingly strong results. The key is getting an accurate and early diagnosis, as the ACO's cardiologist stated, "before a lot of money has been spent." This early input allows acuity tracking to triage the low-risk patients instead of admitting them, quicker cath lab access, and avoids unnecessary CT scans and admissions. He noted another benefit in that with CT angiograms, the patient occasionally gets lots of contrast and goes into renal failure. And, once the patient has been stabilized and is ready for discharge in lieu of admission, if a physician is available to assume responsibility, an expensive admission is avoided simply by that ACO cardiologist's presence.

Obviously, a patient in an ACO with a non-acute problem should not go to the emergency department at all. A functioning primary care team also with access to the cardiologist described above, should move this patient to the appropriate cardiac care provider without resorting by default to the local emergency department at all.

C. Define and Develop Clinical Pathways

More clinically credible, evidence-based best practices are emerging for cardiac care. Standardized observance of them would produce meaningful savings. Members of the Cardiology Accountable Care Workgroup felt, and research supports, that reduction in variation regarding guidelines for lipid and hypertrophy management would be particularly cost-effective. The cardiologists could lead in selecting the most appropriate and impactful best practices, interpret and remediate variation issues, and communicate and educate to effectively change behavior in outliers. Outlier physicians must find the benchmarks and processes credible, trust the data, and accept the feedback in order to reduce treatment variability. When that happens and the identities and data of physicians are shared, that is when one finds behavior change in an ACO.

D. Organize By Disease State or Condition

Instead of the fragmentation of provider grouping by provider specialty or hospital department, organize the multidisciplinary care team around the patient disease state or condition. Candidates for such

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grouping are led by: arrhythmia, acute myocardial infarction, chest pain, coronary therapeutics, general and preventive cardiology structural and valvular heart disease, and vascular. Advantages include fast-tracking subspecialty depth and expertise, reduced variation in the care provided, better workflows, and ease in selection and monitoring of clinically valid metrics. It is easier to bring cardiologists of similar subspecialties together to identify best practices and metrics. A cardiovascular center for women could target cardiovascular disease in women. In the *Journal of Vascular Surgery*, Dr. Phillip Goodman notes that “vascular surgeons will need to continue to expand the role we play in improving the vascular health of populations at risk beyond our current procedurally-based efforts toward disease-based care.”²⁵ It is a good example of the new model of accountable care: integrated services across the care continuum would include evaluation, risk factor modification, nutrition counseling, exercise programs, and structured individualized medical plans, with the cardiologist expertise leveraged through allied providers and administrative support. For example, Piedmont Heart in Atlanta determined, “Rather than organize by functional departments, like a traditional hospital organizational structure, Piedmont Heart physicians organized themselves along a continuum of patient care by disease state or condition.” This has resulted in subspecialty depth and expertise, as each physician picks a ‘major,’ thus reducing variation in care.²⁶

E. Harnessing Pharmacy and Supply Costs

Often the first initiative in cardiology accountable care, hospital co-management arrangements, or bundled payment projects, is to agree to a common set of devices, supplies, and drugs, and negotiate a better volume discount rate. This will, of course, fail unless led by practicing cardiologists, and the savings incentives flow to all participating cardiologists. The Cardiology Accountable Care Workgroup noted savings and quality improvements through such things as “Coumadin Clinics” and active anticoagulation management safely reducing utilization of some very expensive drugs. Group sessions of patients using the same retail drug are proving cost-effective. Multiple patients come in and meet with a provider, initially a cardiologist, but then the patient is tracked by a non-physician.

F. Identifying and Managing High-Risk Patients

Ten percent of cardiology patients consume 50% of the cardiology dollars. ACO business intelligence can now pull data from disparate sources to reveal the cohort of incipient future high-risk/high-cost “super-utilizer” patient with multiple co-morbidities in addition to cardiac issues. Analytics can assist in structuring multidisciplinary continuity of care work flow and coordination. Special focus can be placed on this vulnerable cohort for discharge planning, post-discharge follow-up, self-management,

²⁵ Goodman, Phillip, *Roles for Specialty Societies and Vascular Surgeons in Accountable Care Organizations*, *J. Vas. Surg.*, pp. 875-882, (March 2012).

²⁶ Molden, Michele, *At the Heart of Integration: Aligning Physicians and Administrators to Create New Value*, *Frontiers of Health Services Management*, Vol. 29, No. 4, (Summer 2013), pp. 7-9.

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and engagement tools. Again, the cardiologist should lead the design of this initiative and supervise the care management, but should not do all the work. So, on the post-acute end of cardiac care, as noted for the preventive end of the spectrum, the cardiologists' greatest value contribution may be for the patient she never sees.

G. Selection of Optimum Site of Service

This is an obvious result of adhering to evidence-based best practices in the accountable care era. But it has historically not often been within the purview of the treating cardiologist, so it is mentioned here as a separate initiative. Provision of care of equal or better quality at a lower cost is fundamental to value-based care. It is, however, going to be one of the most wrenching of the “disruptive innovations” necessary to transform our current health care delivery system. It is inevitable.

H. Leverage Impact Through Technology

The above recommendations are feasible in large, integrated environments, but what about locations where the cardiologists, emergency physicians, primary care physicians, pharmacists, and other providers are far apart, say in rural areas? While fee-for-service “punished” use of available techniques and tools to allow collaboration—they would not pay for them and it took away from fee-generating opportunities—value-based payment introduces a significant “return on investment” or “ROI.” Telephone, email, referral algorithms, web-portals, and multidisciplinary service line meetings, real or virtual, all help bridge the distance between care team members.

VI. We've Got Some Great ACO Contributions - Now What?

As noted, there are some very clear strategies for improving care and reducing overall costs for commonly occurring disorders, which are ideal for accountable care's emphasis on collaboration and value-based reimbursement. But how does a cardiologist find the right ACO partner, mesh these initiatives into programming, and be rewarded fairly?

A. Pick the Right ACO(s)

As detailed in the companion white paper, *The Physician's Accountable Care Toolkit*®, there are eight elements essential for every successful ACO. They are agnostic as to who or what owns or hosts the ACO, but they must all be present.

Culture will usually be the tell-tale indicator on whether any ACO has a chance for success.

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- **Physician-Led** – Longstanding habits of individualism and competition among physician groups will have to transform to a culture of cooperation and collaboration. Physicians have not led complex change, are resistant to capital risk, and worry that fewer tests and procedures will lower incomes.
- **Hospital-Led** – Hospitals need to change focus from the current business model of providing acute inpatient care and address head-on the operational impact of decreased admissions. Hospitals need to adopt a partnering culture with physicians and depart from a command-and-control approach encouraged by the fee-for-service system.

Remember, even if a cardiologist performs perfectly, he/she will still fail if the rest of the ACO is flawed.

The eight elements will determine the attractiveness of the ACO regardless of whether it is part of a hospital system, under the roof of a large multi-specialty clinic, or a network of small practices. However, each model has its nuances and present different strengths and weaknesses. Available ACO options will, of course, be different in metropolitan and rural settings. The presence or absence of cardiologist practices affects ACO partnering options.

B. You Have Identified a Winning ACO, Now Have the ACO Want to Pick You

1. **Build Relationships** – Neurologists should be engaged with all the medical specialties and the local health system. This is a first step to team-building and readiness to partner.

Strategic Note: What cardiologists can do to prepare:

- a. **Educate:** As noted, continue to educate yourself and your group about evolving health care changes. Stay informed about ACO formation in your local area and state and involvement of cardiologists across the country. Get educated about other alternative models private payers may be considering. Meet with your hospital administration to let them know you want to be involved early with any models they are considering whether that is forming an ACO or participating in a capitation model with a private insurance company. The hospital will be looking for physician champions-be one of them. Change is difficult and it may take a sustained effort to engage your group of cardiologists.
- b. **Participate:** Involve your physicians in multiple hospital committees and ask for monthly or quarterly meetings with your administrators.
- c. **Collaborate:** Start discussing care collaboration with your colleagues now. It will benefit your patients and will prepare you for the future of healthcare. This may be as simple as a multi-disciplinary approach to _____. Don't be surprised if your next Managed Care contract has provisions for pay-for-quality metrics.

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d. **Plan:** Begin considering options for ACO formation in your area. If you provide services exclusively to a hospital, that may be your only option—more reasons why you should be involved early in the planning. Consider how you can leverage what cardiology has to offer in your community.

2. **Have a Compelling Story** – As noted, the skill sets of the identified high-impact value-adding initiatives they drive are ideally suited for ACOs. Utilizing them in an ACO is a “no-brainer.” We have heard of the “elevator pitch” for startups, whereby the entrepreneur can tell a convincing reason to invest in their company in the length of the time it takes to ride an elevator. Cardiologists have a great story and should reduce it to one or two pages. These initiatives are simple “plug and play” add-ons to the ACO’s existing activities, are synergistic, and will help the ACO meet quality and savings goals.

Strategic Note: Start simple. Start with your one best initiative, and then expand later.

3. **Primary Care Is the Client** – In the new era, success will depend on the patient-centered medical home and neighborhood. Though primary care in some cases has lost its decision-making authority to health systems, payors, and large clinics, at the end of the day, primary care will be your client.

C. Avoid Contract and Legal Pitfalls

1. **Avoid Legal Pitfalls** – The companion TAC Accountable Care Legal Guide details legal issues of which you should be aware in engaging in ACO activities, and also provides negotiating tips for protecting your interests before signing a contract with an ACO. <http://www.tac-consortium.org/>

2. **Muscle Up** – A cardiologist in a small practice should collaborate with other colleagues to develop the necessary protocols, HIT, infrastructure and contract expertise for the future. This can be through joint venture contract or by joining a large practice, ACO network with a core of knowledgeable cardiologists, or health systems. If you adopt high-value services and know how to market yourself, you can be the “go to” group regardless of size.

VII. What Are The Relevant Metrics?

You will need baseline data, of course, to create the comparison point on quality, efficiency, and patient satisfaction “before” the ACO took over so you can compare it to what happened “after.” Hopefully, some of this data will also be useful to determine local gaps in care to help you pinpoint initiatives to pursue. Broadly, the measures chosen will need to cover quality, efficiency, and patient satisfaction. An ACO may choose to match clinical initiatives and metrics (e.g., prevention of readmissions for heart failure and the readmission rate for heart failure) but early metrics could be more general. The

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National Quality Forum, National Committee for Quality Assurance, and the metrics required for the CMS Medicare Shared Savings Program are recommended sources for nationally validated metrics. The AMA-convened Physician Consortium for Performance Improvement® and your own specialty society are other important sources of validated evidence based measures. Thinking of ACO common interests will be helpful in decisions about metrics for your specialty. For example, in addition to metrics specific to cardiologists, think about those which are also important to the ACO (e.g., the MSSP quality measures, utilization or cost saving indicators) your hospital partner (Joint Commission measures) and payors.

A. Examples of Measures Which Serve Multiple Interests In the ACO Include:

- Preventive services measures such as influenza and pneumonia vaccination, tobacco cessation counseling.
- Ambulatory sensitive admissions for CHF and for COPD.
- Acute care indicators such as aspirin for acute MI.
- Patient safety and care transition activities such as medication reconciliation, patient receipt of transition records, and fall risk assessment.
- Utilization and financial measures such as % revisits to Emergency Department, pmpm for Emergency Department care, imaging rates (CT, MRI).
- Emergency Department utilization rates.

B. Examples of Metrics More Focused on Cardiac Care Include:

1. [National Cardiovascular Data Registry](#)

NCDR Risk-Adjusted and Composite Measures and Metrics:

Registry	Measure/Metric	Measure/Metric
	Risk-Adjusted	Composite
CathPCI Registry®	PCI In-Hospital Mortality • All PCI Patients	Death, emergency CABG, stroke or repeat target vessel, revascularization

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Registry	Measure/Metric	Measure/Metric
	Risk-Adjusted	Composite
	<ul style="list-style-type: none"> • STEMI Patients • NSTEMI Patients PCI Bleeding PCI 30-Day Readmission	Therapy with aspirin, P2Y12 inhibitor, and statin at discharge following PCI in eligible
ACTION Registry®-GWTG™	AMI In-Hospital Mortality AMI Bleeding	Overall Performance <ul style="list-style-type: none"> • AMI • STEMI • NSTEMI Overall Defect Free Care
ICD Registry™	Incidence of death or major adverse event	Incidence of death or major adverse event
CARE Registry®		Reported separately for CAS and CEA Patients: <ul style="list-style-type: none"> • Incidence of stroke or death for symptomatic patients • Incidence of stroke or death for asymptomatic patients • Incidence of stroke, death, or MI for symptomatic patients • Incidence of stroke, death, or MI for asymptomatic patients

PCI=Percutaneous Coronary Intervention, ICD=Implantable Cardioverter Defibrillator, AMI=Acute Myocardial Infarction, CAS=Carotid Artery Stenting, CEA=Carotid Artery Endarterectomy, STEMI=ST Elevated MI, NSTEMI=Non-ST Elevated MI. ²⁷

²⁷ National Cardiovascular Data Registry, <https://www.ncdr.com/WebNCDR/home/metrics-and-measures>

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2. BCBSNC Tiered Network Quality Measures

Cardiology Quality Measures

- Beta blockers and (ACEI or ARBs) prescribed after most recent MI.
- Beta-blocker treatment post-MI.
- Beta-blocker therapy for those with heart failure.
- Measurement of LC function for those with heart failure.
- Lipid-lowering therapy for those with CAD.
- Lipid profile for those with CAD.
- Warfarin prescription for those with heart failure and atrial fibrillation
- Angioplasty: Potentially avoidable complications.²⁸

VIII. How Do I Ensure That The Savings Pool Distribution Is Fair?

As mentioned in the *Toolkit*, some of the savings pool distributions should be used to maintain the ACO infrastructure, to “prime the pump” as it were. As much as possible should go to incentivize providers and facilities for the extra management time, practice pattern changes, and effort to create those savings. To create maximum motivation and trust, the proportion of distributions should be in proportion to the relative contributions to the pool. The more incentive, the greater the odds of increasing the size of the savings pool going forward.

Strategic Note: Some ACOs may choose to use a portion of their shared savings to partially compensate hospitals and specialists who are seeing revenue reductions due to changes in practice patterns (which is not offset by increase in market share and overhead reductions). Some ACOs will distribute savings to capital investors. We caution that such tactics will slow the transformational changes needed, sap motivation, and ultimately challenge the competitive viability of the ACO altogether.

The TAC Consortium and Initiative has published a guide to fair savings pool distribution, entitled *Distribution Based On Contribution - A Merit-based Shared Savings Distribution Model*, downloadable at the TAC Consortium and Initiative website: www.tac-consortium.org, or more specifically at: http://www.tac-consortium.org/wp-content/uploads/2013/09/Shared-Savings-Guide_091013_revised_reduced-file.pdf.

²⁸ CBSNC, Tiered Network Product, <http://www.babsnc.com/content/providers/quality-based-networks/tiered-network.htm>.

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IX. Negotiation Tips

Negotiation tips may be found in the companion Accountable Care Legal Guide, available without charge through the Toward Accountable Care Consortium. These agreements have important and often novel terms, so engagement of skilled legal counsel is recommended before you negotiate ACO participation agreements.

X. Conclusion

America's health care system will soon become unaffordable absent major change. The accountable care movement holds promise to address runaway costs and thus must be taken quite seriously. There are opportunities for professional and financial reward for the informed cardiologist. Put another way, the risks of passivity are just too great. All the alternatives are unacceptable to a physician-led system of providing the highest quality at the lowest cost. Cardiologists have skills and experience that position them to contribute significantly in the success of ACOs, but this is not yet widely recognized within the medical community. To make sure a fair and sustainable ACO model becomes reality, it is important for cardiologists to step up with like-minded physicians to lead in this potentially career-changing transformation.

This *Guide* is intended to illustrate the significant opportunities for cardiologists in accountable care, to assist cardiologists in avoiding the pitfalls, and for the development of accountable care strategies for cardiologists in different settings. For further information, contact the TAC Consortium and Initiative lead liaison, Melanie Phelps, at either mphelps@ncmedsoc.org or 919-833-3836.

Part Three: Executing the Accountable Care Strategic Plan



North Carolina  **Medical Society**
Leadership in Medicine

 **THE
PHYSICIANS
FOUNDATION**
*Empowering Physicians
Improving Healthcare*

 **SMITH
ANDERSON**

Toward  **Accountable Care
Consortium**

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I. General Strategies for All Specialties

A. Strategy Number 1: How to Successfully Navigate the Medicare MSSP and Advance Payment Model Application Process

America's largest payor, Medicare, has committed to the ACO model, with a minimum of 50% sharing of savings to ACO providers on top of fee-for-service payments. It may be totally or partially physician-driven, and only primary care physicians are required. To promote physician-only ACOs in non-metropolitan areas, CMS will prefund them through the Advance Payment Model. This level of sustainable funding through ongoing shared savings distributions can "pay for" your ACO operations that can in turn be used for Medicaid, private payor, or other patient population engagements. **The applications are consistent with the principles and strategies of this Physicians' ACO Toolkit, and it is a useful reference to assist in responding to substantive portions of the applications.**

To review, CMS established the Medicare Shared Savings Program (the "MSSP") to facilitate coordination and cooperation among health care providers through ACOs to improve the quality of care for Medicare beneficiaries, while reducing unnecessary costs. In addition, the PPACA established a new Center for Medicare and Medicaid Innovations (the "Innovation Center") to test innovative care and service delivery models, including the "Advance Payment Model." This Chapter will assist ACOs in navigating the MSSP and Advance Payment Model application process.

1. MSSP Application

Applying to the MSSP requires ACOs to submit a significant amount of information. As a result, organization, information gathering, and timing will all be critical for ACOs wishing to participate. The application process can be broken down into the following seven tasks: (a) identify timelines and deadlines; (b) creation and formation of the ACO; (c) file Notice of Intent to Apply; (d) obtain CMS User ID; (e) prepare and execute participation agreements; (f) prepare application; and (g) file application with CMS.

a. **Timelines and Deadlines** – Due to the sheer volume of information that must be submitted with the MSSP application, ACOs should begin the application process at least three months in advance. At the outset, ACOs interested in applying should review CMS's MSSP website, www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/sharedsavingsprogram/index.html, and identify all relevant deadlines. The ACO should then create a task checklist to ensure that all documents, forms, and applications are timely filed. The list of tasks set forth below may serve as a useful template in creating such a checklist.

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b. **Creation and Formation of the ACO** – ACOs applying to the MSSP must ensure that they are properly organized or incorporated under applicable state laws. Newly formed ACOs will need to file Articles of Organization or Articles of Incorporation with the applicable Secretary of State. Newly formed ACOs will also need an Employer Identification Number from the IRS, which may be obtained online at <https://sa.www4.irs.gov/modiein/individual/index.jsp>.

The ACO must also have an identifiable governing body, such as a board of directors, with responsibility for oversight and strategic direction of the ACO. The ACO must ensure that its participants have at least 75% control of the governing body, and at least one member of the governing body must be a Medicare beneficiary. In addition, the governing body must have a conflict of interest policy that: (a) requires each member of the governing body to disclose relevant financial interests; (b) provides a procedure to determine whether a conflict of interest exists, and sets forth a process to address any conflicts that arise; and (c) addresses remedial action for members of the governing body that fail to comply with the policy.

Finally, the ACO must appoint officers with leadership and oversight responsibility for the ACO. At a minimum, such officers must include an executive officer, a medical director, and a compliance officer. The executive officer (such as a president, CEO, or executive director) must have leadership responsibility for the ACO, including the ability to influence or direct the ACO's clinical practices to improve efficiency, processes, and outcomes. The medical director must oversee the clinical management of the ACO. The compliance officer must be responsible for addressing compliance issues related to the ACO's operations and performance. The ACO will need to appoint all such officers prior to applying for the MSSP.

c. **Notice of Intent to Apply** – Before applying to the MSSP and Advance Payment Model, ACOs must file a Notice of Intent to Apply (“NOI”) with CMS. ACOs should be aware that the filing deadline for the NOI will be approximately three months prior to the filing deadline for the MSSP application. While all ACOs that wish to apply to the MSSP must file the NOI, filing the NOI does not obligate the ACO to complete the application process. Thus, **ACOs that are even remotely interested in the MSSP should submit a Notice of Intent to Apply to preserve the opportunity to later submit the MSSP application.**

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d. **CMS User ID** – CMS currently requires all interested ACOs to file the MSSP application online using CMS's secure web portal, the Health Plan Management System ("HPMS"); CMS will not accept paper applications. In order to use HPMS, the ACO must obtain a user ID and password using the CMS Form 20037 Application for Access to CMS Computer Systems, available at: www.cms.gov/Research-Statistics-Data-and-Systems/CMS-Information-Technology/InformationSecurity/Downloads/EUAaccessform.pdf. After the ACO files the NOI, the ACO will receive an email from CMS with instructions for completing the Form 20037, along with the deadline for filing the Form 20037. The individual who will be preparing the MSSP application for the ACO should file the Form 20037.

e. **Participation Agreement** – ACOs applying to the MSSP must have participation agreements with their participating providers. At a minimum, the participation agreement must include: (a) an explicit requirement that the ACO participant will comply with the requirements and conditions of the MSSP; (b) a description of the ACO participants' rights and obligations in and representation by the ACO; (c) a description of how the opportunity for shared savings or other financial arrangements will encourage ACO participants to adhere to the ACO's quality assurance and improvement program and evidence-based clinical guidelines; and (d) remedial measures that will apply to ACO participants in the event of non-compliance with the requirements of their agreements with the ACO. The ACO will need to submit its signed participation agreements with each of its participants when it applies to the MSSP. As a result, ACOs will need to prepare their participation agreements well in advance of the application filing deadline and ensure adequate time to collect signed copies from participants.

f. **Preparing the Application** – As noted above, CMS now requires ACOs to file the MSSP application online using HPMS. Before completing the application online, however, ACOs should prepare all application materials in advance to ensure a smooth online application process. The ACO should first download and review the MSSP application template from the MSSP website. The ACO should use this document to assist in collecting and organizing contact information and other background information from ACO participants.

The ACO will also need to prepare a list of its participants, including the taxpayer identification number for each ACO participant. In order to avoid delays in the application process, the ACO will need to confirm that each participant's name and taxpayer identification number listed in the MSSP application match exactly what is listed in the Medicare Provider Enrollment, Chain, and Ownership System (PECOS) for such participants. In addition, the ACO will need to prepare an organizational chart that includes the names of the ACO participants, governing board members, committees and committee members, and officers.

A significant portion of the MSSP application consists of certain narrative responses that must be completed by the ACO. These narratives include descriptions of: (a) the ACO's history, mission, and organization; (b) how the ACO plans to use shared savings payments; (c) how the ACO will use and protect Medicare data; (d) how the ACO will require its participants to comply with and implement

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its quality assurance and improvement program; (e) how the ACO defines, establishes, implements, evaluates, and periodically updates its process to promote evidence-based medicine; (f) how the ACO defines, establishes, implements, evaluates, and periodically updates its process to promote patient engagement; (g) how the ACO defines, establishes, implements, evaluates, and periodically updates its process and infrastructure to support internal reporting on quality and cost metrics; and (h) how the ACO defines, establishes, implements, evaluates, and periodically updates its care coordination processes. The ACO will need to carefully review the required elements of each narrative listed in the MSSP application and ensure that each element is discussed in detail; failure to address each required element may result in delay (or rejection) of the ACO's application. As mentioned, this Physicians' ACO Toolkit may be a useful aid in preparing this part of the application.

Assuming that the ACO has gathered all required information in advance, the process of filing the MSSP application through HPMS should be fairly straightforward. The ACO will first need to submit contact information for the ACO and complete certain attestations to ensure that the ACO meets all applicable requirements of the MSSP. The ACO will then submit supporting documentation (including the organizational chart, executed agreements, narratives, and other documentation described above). Prior to uploading this documentation, the ACO will need to review the MSSP application reference table for instructions regarding file names and other HPMS uploading requirements, which is available at: www.cms.gov/Medicare/Medicare-Fee-for-ServicePayment/sharedsavingsprogram/Downloads/MSSP-Reference-Table.pdf.

Finally, the ACO will need to complete the CMS Form 588 Electronic Funds Transfer Authorization Agreement. This agreement, along with a voided check, must be sent to CMS using tracked mail, such as certified mail, Federal Express, or United Parcel Service. The CMS Form 588 is available at: www.cms.gov/Medicare/CMS-Forms/CMS-Forms/downloads/cms588.pdf.

2. Conclusion

With this Medicare ACO roadmap, you should not feel concerned about successfully applying for both these programs. The substance sought by the actual questions is remarkably close to the principles and strategies of this Physician's ACO Toolkit. Together, if you have done the spadework to bring together the 8 Essential Elements, success should be straightforward.

B. Strategy Number 2: [UNDER CONSTRUCTION.]

C. Strategy Number 3: [UNDER CONSTRUCTION.]

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II. Specific Strategies for Specific Specialties

Accountable Care Guides for the following specialties can be accessed on the website for the Toward Accountable Care (TAC) Consortium and Initiative at <http://www.tac-consortium.org/resources/>.

A. Anesthesiologists. Previously, a separate copyrighted white paper and specialty-specific ACO strategic plan for anesthesiologists was developed by Smith Anderson and the North Carolina Society of Anesthesiologists (“NCSA”) ACO Task Force. It was underwritten by the NCSA, which holds distribution rights. If you are interested in obtaining a copy of these materials with permission, please contact the NCSA’s Executive Director, Karen Weishaar, at kweishaar@smithlaw.com.

http://www.tac-consortium.org/wp-content/uploads/2013/04/Anesthesiologist_ACO_Toolkit.pdf

B. Cardiologists. Accountable Care Guide for Cardiologists was developed by the Accountable Care Workgroup of the North Carolina chapter of American College of Cardiology and TAC personnel.

C. Child Psychiatrists. Accountable Care Guide for Child Psychiatrists is being developed by the Accountable Care Workgroup of the North Carolina Council on Child and Adolescent Psychiatry and TAC personnel.

D. Community Health Partners. Accountable Care Guide for Community Health Partners is being developed by the Accountable Care Workgroup of the North Carolina Foundation for Advanced Health Programs and TAC personnel.

E. Emergency Medicine Physicians. Accountable Care Guide for Emergency Medicine Physicians was developed by the Accountable Care Workgroup of the North Carolina College of Emergency Physicians and TAC personnel.

F. Family Physicians. Previously, a separate copyrighted white paper and specialty-specific ACO strategic plan was developed for family physicians. It was underwritten by the North Carolina Academy of Family Physicians, the American Academy of Family Physicians, and several state chapters. A copy of the paper and strategic plan may be accessed at www.ncafp.com or by contacting Brent Hazelett, Deputy Executive Vice President, at bhazelett@ncafp.com.

http://www.ncafp.com/files/ACOGuide-CME_1.pdf

G. Hospice and Palliative Care. Accountable Care Guide for Hospice and Palliative Care was developed by the Accountable Care Workgroup of the Carolinas Center for Hospice and End of Life Care and TAC personnel.

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H. Neurologists. Accountable Care Guide for Neurologists was developed by the Accountable Care Workgroup of North Carolina Neurological Society and TAC personnel.

I. Obstetrical and Gynecologists. Accountable Care Guide for Obstetrical and Gynecologists was developed by the Accountable Care Workgroup of the North Carolina Obstetrical and Gynecological Society and TAC personnel.

J. Oncologists. Accountable Care Guide for Oncologists was developed by the Accountable Care Workgroup of the North Carolina Oncology Association and TAC personnel.

K. Pediatricians. Accountable Care Guide for Pediatricians is being developed by the Accountable Care Workgroup of the North Carolina Pediatric Society and TAC personnel.

L. Psychiatrists. Accountable Care Guide for Psychiatrists was developed by the Accountable Care Workgroup of the North Carolina Psychiatric Association and TAC personnel.

M. Radiologists. Accountable Care Guide for Radiologists was developed by the Accountable Care Workgroup of the North Carolina Radiologic Society and TAC personnel.

N. Urologists. Accountable Care Guide for Urologists was developed by the Accountable Care Workgroup of the North Carolina Urological Association and TAC personnel.

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Appendix A

Power Up Your Cardiovascular Care Management Strategy

Since 97% of the highest-cost Medicare patients have at least one cardiovascular condition, the benefits of an effective cardiovascular care management strategy extend beyond the service line to the entire institution. CV leaders need to develop a cohesive approach that is data driven, resource efficient, patient centered, multidisciplinary, and longitudinal to improve quality and reduce costs—and we've mapped out care management strategies to help you meet these goals.

In a survey of cardiovascular leaders:

96% said care management is **very important** for improving quality and reducing costs...



However, only 34% gave their institutions a high performance rating



Characteristics of a Powerful Cardiovascular Care Management Strategy

Data Driven

- Compiles patient data from a variety of sources and makes it accessible to all providers
- Incorporates evidence-based risk algorithms
- Tracks patients longitudinally and monitors outcomes

Resource Efficient

- Integrates with network and community services
- Eliminates duplication and gaps in care
- Targets resources to patients most likely to benefit

Patient Centered

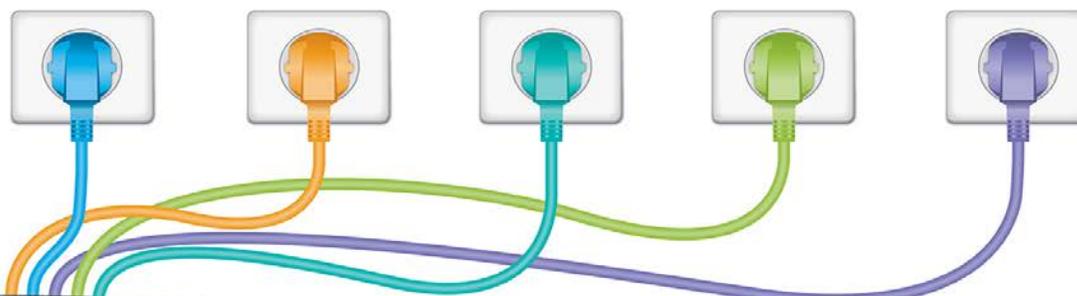
- Tailors resource allocation and interventions to individual patient needs
- Engages patients and families in long-term care management

Multidisciplinary

- Makes cross-service line collaboration a standard of care
- Holistically manages comorbidities, including non-clinical needs like psychosocial barriers

Longitudinal

- Tracks high-risk patients' progress across the continuum, beyond 30 days
- Supports transition to PCP for ongoing care
- Provides intensive post-discharge care



The Characteristics in Practice—and in Outcomes

DATA DRIVEN

Tailored Risk-Based Care Management Plans

Bon Secours Saint Mary's Hospital risk stratifies patients at admission to its progressive telemetry unit and tailors individual inpatient and outpatient care management plans according to risk level.

PREVENTING READMISSIONS WITH RISK IDENTIFICATION

1.5% Readmission rate¹ of 400 patients stratified in first three months of pilot

100% Percentage of readmitted patients correctly identified as high-risk by algorithm

PATIENT AND PROVIDER BENEFITS

- Decrease in ED visits
- Increase in patient satisfaction scores
- Completion of follow-up PCP visits

RESOURCE EFFICIENT

CV Care Management Resource Audit

Remy Health² audited CV care management initiatives across its network to identify duplication, gaps, and inefficiencies. The system used the findings to reallocate resources and streamline initiatives.

OPTIMIZING RESOURCE ALLOCATION AND COORDINATION

- Reduced duplication in staffing and initiatives
- Enhanced coordination across the care continuum
- Best practice sharing elevated quality across the network

NO MORE DUPLICATIVE FOLLOW-UP

Eliminated duplicative follow-up calls from multiple care managers

PATIENT CENTERED

Personalized Interventions for Improving Patient Activation

VA San Diego developed a protocol to identify heart failure patients' baseline activation levels and customized ongoing interventions to improve engagement and self-management.

INCREASING PATIENT ENGAGEMENT

Patient activation score³ increased 17% in patients receiving patient-centered care plans

Patient activation score increased only 4% among patients receiving standard care

FEWER REHOSPITALIZATIONS

34% Decrease in six-month readmission rate for patients receiving intervention

MULTIDISCIPLINARY

Cardio-Oncology Physician Advisory Group

Aurora St. Luke's Medical Center developed a forum for cross-service line collaboration between CV and oncology specialists, enabling earlier detection of comorbidities and better co-management.

IMPROVING CO-MANAGEMENT AND PATIENT CAPTURE

- Early detection of comorbidities
- Enhanced reputation as a cardio-oncology leader
- Patient satisfaction
- Financial benefits in both FFS⁴ and total cost management

GREATER COLLABORATION

- Streamlined referrals between departments
- Evidence-based guidelines for CV oncology detection
- Open communication between service lines

LONGITUDINAL

High-Risk Ambulatory Care Transition Team

Palmetto Health developed a dedicated team to provide clinical and psychosocial support for high-risk patients during the transition from acute to ambulatory care.

DECREASING OVERALL INPATIENT UTILIZATION

906 DAYS Before ACTT⁵ Participation

130 DAYS After ACTT Participation

Overall Inpatient Days (n=122 patients)

LOW 30-DAY READMISSION RATE

7.8% Less than a tenth of enrolled patients readmitted within 30 days⁶



Cardiovascular Roundtable

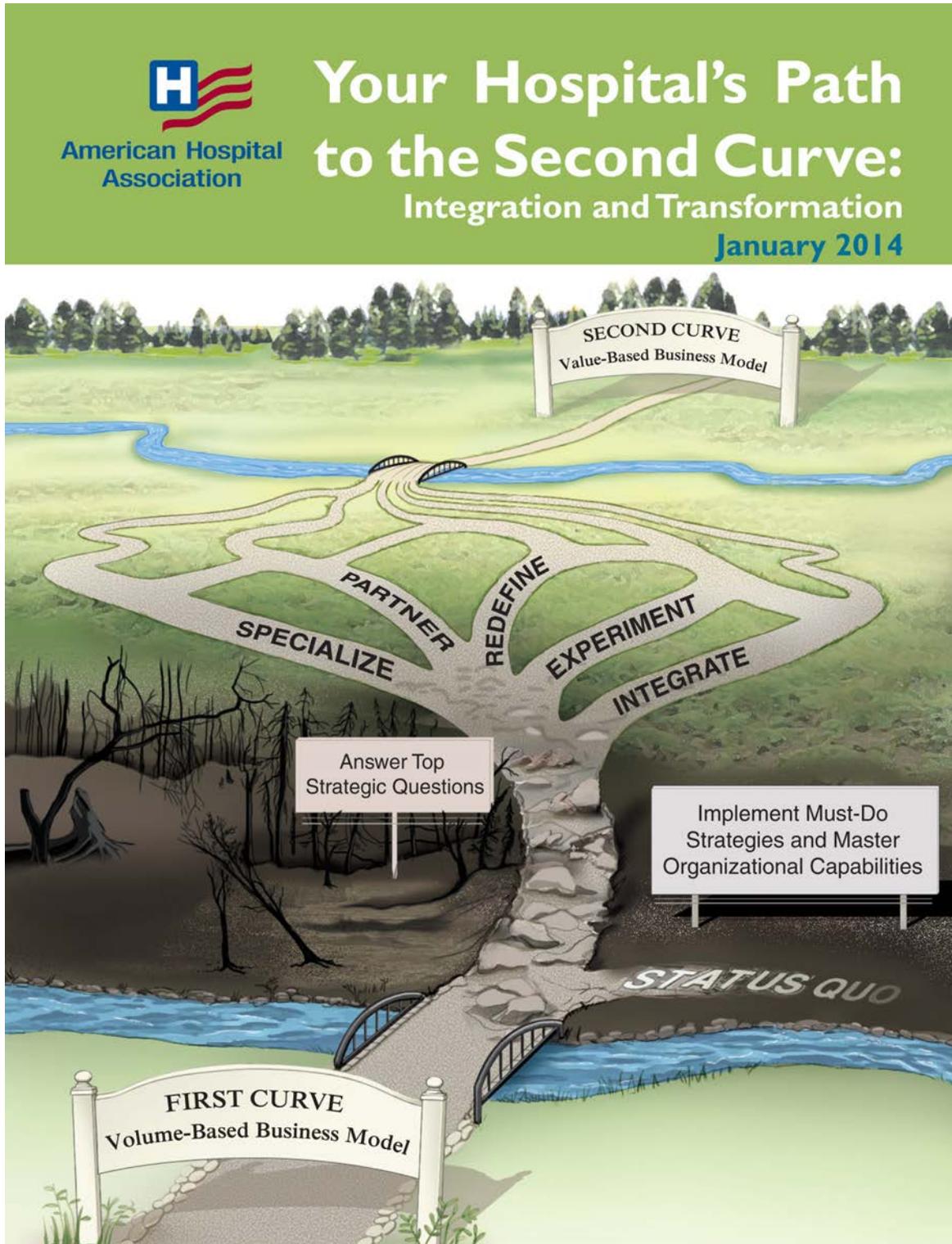
¹ Readmission to same institution.
² Paravision.
³ According to the Patient Activation Measure.
⁴ Fee-for-service.
⁵ Ambulatory Care Transition Team.
⁶ Readmission rate from October 2012 to August 2013.

Develop your CV care management strategy
advisory.com/cv/2013caregmt



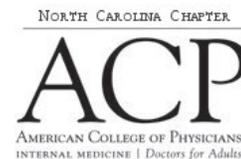
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Appendix B



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ACKNOWLEDGMENT



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