THE PAST, PRESENT, AND FUTURE OF CARDIOLOGY

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or,

The Long and Winding Road of Healthcare
Past History

• WWII – 1960’s
• 1960’s – 1990’s
• 1990” - Present
WWII – 1960’s

- Cardiovascular knowledge
- Cardiovascular practice
- Power gradients
- Manpower (Diversity)
- Medical economics
- Leaders
Cardiovascular Knowledge

• “Arterial thrombosis” to coronary atherosclerosis
• EKG to coronary arteriography
Cardiovascular Practice

• Office-based and home visits
• Pharmacologic-based inpatient treatments
Power Gradients

Physicians

Nurses

Administrators
Manpower (Diversity)

• Predominantly Caucasian, males
• U.S. trained
• Frequently with previous military experience
Medical Economics

- Fee for Service
- Barter system
- Commercial insurance and self-pay
United States: 1950

Source: U.S. Census Bureau, International Data Base.
Leaders
The 1960’s – 1990’s

- Cardiovascular knowledge
- Cardiovascular practice
- Power gradients
- Manpower (Diversity)
- Medical economics
- Leaders
Cardiovascular Knowledge

- CABG/Cardiac valve replacement
- Nuclear stress testing
- Echocardiography
- I.V. Nitroglycerin
Cardiovascular Practice

• Office
• Hospital-based testing
• Outreach clinics
Power Gradients

Physician
Nurse
Administration

Physician
Administration
Nurse
Manpower (Diversity)

- Still, predominance of Caucasian male
- But,…now a growing female presence
- And, slightly more foreign-trained MD’s
Medical Economics

• Medicare
• Medicaid
• Rising costs
• Baby boomer generation as providers
More Leaders
Change your life today. Don't gamble on the future, act now, without delay.

Simone de Beauvoir
The 1990’s - Present

- Cardiovascular knowledge
- Cardiovascular practice
- Power gradients
- Manpower (Diversity)
- Medical economics
- Leaders
Cardiovascular Knowledge

- Interventional Cardiology
- Electrophysiology – procedure-based
- Cardiac transplantation
- LVAD’s
Cardiovascular Practice

- Office ------ Hospital
- Cath Lab/EP Lab
- Increasing competition
Power Gradients

- Administration
  - Government
  - Commercial Insurance
- Physicians
  - Nurses
Manpower (Diversity)

• Many more female physicians
• Many more foreign trained physicians
• Progressive aging of Baby Boomers
Medical Economics

• Balanced Budget Amendment of 1996
• Progressive reduction of reimbursement
• Rapidly increasing costs and prices
Questions for the Present & Future

• Why am I here? What is my purpose in healthcare?
• What am I trying to accomplish?
• How can we work together to accomplish our goals?
• How can we create a successful road to the future?
Principles for All Time

- Professionalism
- Personal Responsibility
- Financial Responsibility
- Teamwork
- Leadership
- Advocacy
I like the dreams of the future better than the history of the past.

Thomas Jefferson
Leaders: Present & Future
Present & Future Issues

- Fee-For-Service → Value-based care
- EHR
- MOC (Maintenance of Certification)
- Communication issues
- Physician Burnout
Current U.S. Healthcare Issues

• What is the problem we are trying to solve?
• U.S. healthcare industry: $3 trillion: ?Bad?
• Who pays the bill?
• Who does not pay?
The Solution

• Complex
• Unpleasant for many
• A political nightmare
• Big Change!
Electronic Health Records

• How to get data into discrete fields
• How to streamline physician documentation
• How to control costs
The Effect on Clinicians

- Clinical : documentation time ratio = 1:2
- Strain on the doctor-patient relationship
- Major contributor to physician burnout
Maintenance of Certification

- ABIM 10-year exam
- ACC SAP-based options
On the Horizon: Collaborative Maintenance Pathways

- ABIM is working with ACC, ACP and ASCO to explore developing **Collaborative Maintenance Pathways**
  - These pathways would be alternatives to what ABIM currently offers for recertification
  - For cardiology, the ACC would provide clinicians with learning material and assessments modeled after its lifelong learning self-assessment program (ACCSAP)
Basics of Proposal

• **Major goals**
  - Society/Board collaboration
  - Ideally integrate formative and summative components → identify gaps, improve knowledge
  - Allow customization for scope of practice (modules)
ACC, HRS, HFSA, SCAI Collaboration

- Will partner to develop new modules to help potentially meet collaborative maintenance pathway requirements. (Awaiting final outcomes on pathways from ABIM.)

- The partnership would enhance existing ACC Self-Assessment Program (ACCSAP) product line with CathSAP, EPSAP and Heart Failure SAP products to help fulfill the MOC needs. (An analogous product for ABIM diplomates in Adult Congenital Heart Disease will be developed by 2021.)

- Development is in the early stages, but new products may launch as early as 2019. During development the current ACCSAP 9 remains in place to help clinicians maintain professional competence.

"It is a shared goal of ACC, HFSA, HRS and SCAI to help our collective members ensure their patients are receiving the highest quality, evidence-based care."
– ACC President Mary Norine Walsh, MD, FACC.
The ACC’s online MOC hub at [www.ACC.org/MOC](http://www.ACC.org/MOC) contains the latest MOC resources and updates, including free MOC activities.
Communication Issues

Collective culture vs. Expert culture
Physician Burnout

- Physician Suicide: 300-400/yr.
- Median age incidence (burnout): 40’s
- Mean burnout score: 54%
Signs/Risk Factors of Burnout

• Chaotic workplace
• Disagree with leadership values
• Job interferes with family events
• Lack of control over work schedule & free time
• Don’t take care of yourself (sleep, diet, exercise)
• High tolerance for stress
• Perfectionism
• Cynical about the value of one’s occupation & doubtful of one’s capacity to perform
Frequent Causes of Burnout

- Too many bureaucratic tasks
- Too many hours at work
- Lack of respect
- Increased computerization
Changes to Reduce Burnout

1) Find a leader/mentor
2) Stop problem patching
3) Remember the humanism in healthcare
4) Respectful teaming
5) Pause for Why
6) Exercise your gratitude muscle (3 good things)
The Story of Two Wolves
Cardiovascular Summit
Contemporary Strategies for Leadership, Quality Improvement, Operational Excellence and Finance

FEBRUARY 14 – 16, 2019
Hilton Orlando Bonnet Creek
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ACC.org/CVSummit19