Rural Health Conference
Flagstaff Presentation

Jack Dillenberg, DDS, MPH
Dean Emeritus, Arizona School of Dentistry & Oral Health
A.T. Still University
Former Mayor, Jerome, Arizona
Objectives

• Explain the qualities needed for success in the emerging value based healthcare system.

• Describe the importance of innovative technology to improve access, social determinants of health, health literacy and improved health for the under served and at risk – including people with disabilities.

• Recognize what qualities an effective leader must have to create positive change.
Quote at ASDOH Learning Center Entrance

• “I slept and dreamt that life was joy.
   I woke and saw that life was service
• I acted and behold I saw that service was joy.”

• Rabindranath Tagore (1861-1941)
• Bengali poet, philosopher, artist, playwright, composer and novelist..
THINK OUTSIDE THE BOX
Creativity is thinking up new things. Innovation is doing new things.

- Theodore Levitt
Collaboration

Jack’s Definition:
Col – Lab – Oration
Col = the lowest point of a ridge or saddle between two peaks, typically affording a pass from one side of a mountain range to another.
Lab = a place providing the opportunity for experimentation, observation, or practice in a field of study.
Oration = a speech, conversation, especially for a special occasion
TEAMWORK
Some Oral Health Facts

• 60-90% of school children and nearly 96% of adults 65 or older have dental cavities

• About 30% of people aged 65-74 have no natural teeth

• Severe periodontal disease is found in 15-20% of adults 35-44 years; 68% aged 65 or older.
Needs of Special Care Patients

- Intellectually Developmentally Disabled
- Medically Complex and Mentally ill
- Elderly
- Physically Disabled – Homebound
- Poverty - Homeless
A young man and woman in wheelchairs negotiate the stairs at the Metro in Moscow.
America’s Seniors need a Dental Benefit in Medicare

Over 60 million people rely on the Medicare program – and only about one-third of them have any coverage for oral health care. The Medicare statute currently excludes coverage for almost all oral health care.
Without coverage for prevention and care, seniors are at great risk for tooth decay and disease

• Nearly three out of five seniors, and more than three-fourths of low-income seniors, do not visit a dentist during a typical year.

• One in five seniors has untreated tooth decay.

• One in five seniors, and two out of five low-income seniors, have complete tooth loss.
The American Academy of Periodontology warns of a significant public health problem: Half of American adults suffer from gum disease.

- 47.2% have periodontitis
- That's 64.7 million adults 30 years and older
- 8.7% Mild Periodontitis
- 30% Moderate Periodontitis
- 8.5% Severe Periodontitis
Oral Cancer

• In U.S., oral cancer is the only cancer that has increased in prevalence in each of the past five years.

• There was an estimated 54,000 new cases in 2020 – with 10,850 deaths.

• New risk factors, i.e. HPV. HPV is the leading cause of oropharyngeal cancer!
Improving the U.S. health care system requires simultaneous pursuit of three aims:

• Improve the patient experience of care (including quality, empathy and availability)
• Improve the health of populations
• Reduce the per capita cost of health care.
Possible Fourth Aim

• Improving the work life of health care clinicians and staff

• High suicide rate among U.S. physicians and medical students
A little history !

“Public Tooth-drawer”, 1523, woodcut, by Lucas van Leyden; earliest known engraving of a tooth-drawer at work. Note that assistant has hand in patient’s pocket.

According to Otto*, public perception may not have changed after 500 years

27 MILLION PEOPLE visit a dentist and not a physician each year.²

Journal of the American Dental Association
February 2014
Current Health Delivery Models

- Medical Home
- Dental Home
- Behavioral Home

Future = Health Home = New Oral Health Providers

Mid-level dental provider = Dental Therapist
Era of Accountability

Provider-Centric
Value-Blind Reimbursement
Episodic & Fragmented
Inpatient Focused
Individuals
Disease & Treatment

Focus
Value
Patient Flow
Delivery Setting
Approach
Objective

Patient-Centric
Value-Based Reimbursement
Continuous & Coordinated
Flexible & Varied
Population-Based
Wellness & Prevention
Integrated healthcare is taking the ‘i’ out of illness and replacing it with ‘we’ to achieve wellness.

– Jack Dillenberg DDS, MPH
• Oral Health Literacy
• Better Prepared Workforce
  • Including Leadership and “Soft” Skills
  • Social Determinants of Health
  • Innovative Technology
• Integration into Primary Care
• Special Needs - Medically Complex
• Aging Population
• Innovative preventive intervention –SDF, Nutrition/Tobacco, TeleDentistry
The Future of Our Profession
Improving Access to Care Through Innovative Technology
Teledentistry Can Improve Access to Care

- Develop a Program that Will
  - Bring oral health to patients - Utilize midlevel providers
  - Focus on prevention
  - Work with underserved populations

- Barriers Broken Down
  - Cost
  - Time
  - Distance

- Goal
  - Bring prevention to the patient and decrease the need for surgical interventions
In 2011, A.T. Still University (ATSU) devised a series of text message programs designed to reach, educate, and remind current patients about preventive and ongoing initiatives of health and wellness.
Leadership is establishing a clear vision and sharing that vision with others so that they will follow willingly. A leader steps up in times of crises, and is able to think and act creatively in difficult situations.
Courage and Discipline
Jack’s Suggestions for Good Leadership

1. Work at something you enjoy and is worthy of your time and talent.

2. Give people more than they expect and do it cheerfully.

3. Become the most positive and enthusiastic person you know.
Jack’s Suggestions for Good Leadership

4. Be forgiving of yourself and others.

5. Be generous.

6. Have a grateful heart.
Jack’s Suggestions for Good Leadership

7. Persistence, persistence, persistence.
8. Be loyal.


10. Be bold & courageous.

When you look back on your life, you’ll regret the things you didn’t do more than the ones you did.
Teamwork
Recommended Reading

The Four Agreements

John W. Gardner on Leadership
The Four Agreements Are:

1. Be Impeccable with your Word
   Speak with integrity. Say only what you mean. Avoid using the Word to speak against yourself or to gossip about others. Use the power of your Word in the direction of truth and love.

2. Don’t Take Anything Personally
   Nothing others do is because of you. What others say and do is a projection of their own reality, their own dream. When you are immune to the opinions and actions of others, you won’t be the victim of needless suffering.
3. Don’t Make Assumptions
Find the courage to ask questions and to express what you really want. Communicate with others as clearly as you can to avoid misunderstandings, sadness and drama. With just this one agreement, you can completely transform your life.

4. Always Do Your Best
Your best is going to change from moment to moment; it will be different when you are healthy as opposed to sick. Under any circumstance, simply do your best, and you will avoid self-judgment, self-abuse, and regret.