Women's Leadership in Supply Chain

Beyond the Price

Geisinger

Kate Polczynski, MBA, CMRP

Agenda

- ❑ Introductions / My Leadership Journey
- ❑ Women Leadership in Supply Chain
- ❑ Leading thru Disruption
- ❑ Beyond the Price: Supply Chain’s Impact on Quality and Financial Performance in Healthcare
- ❑ Be the Change

Speaker Intro

Kate Polczynski, MBA, CMRP

Vice President, Enterprise Supply Chain

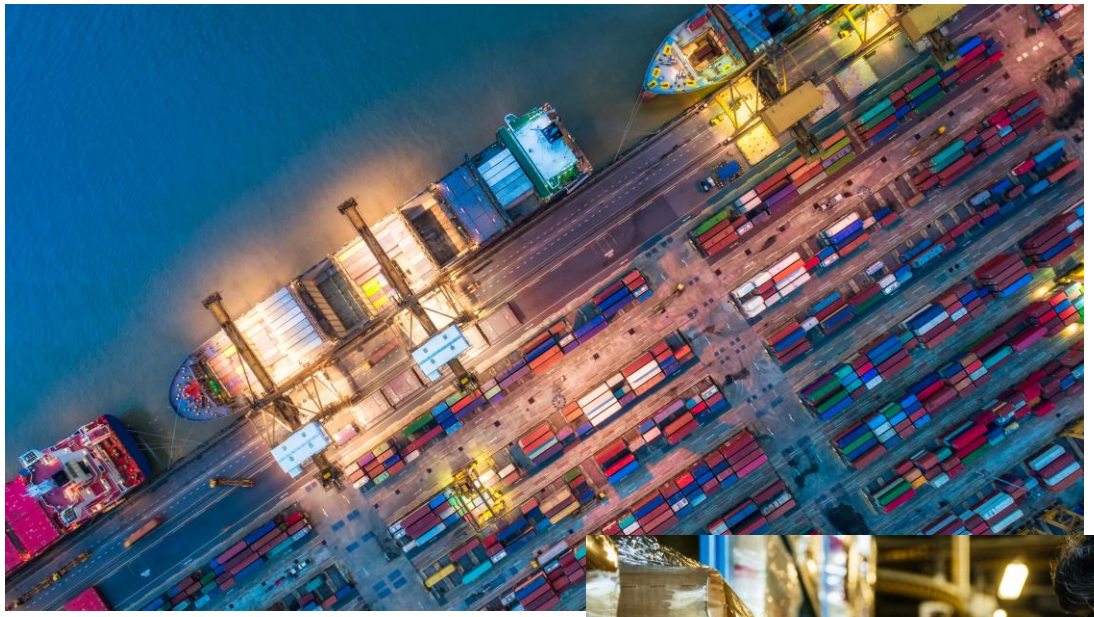
Geisinger

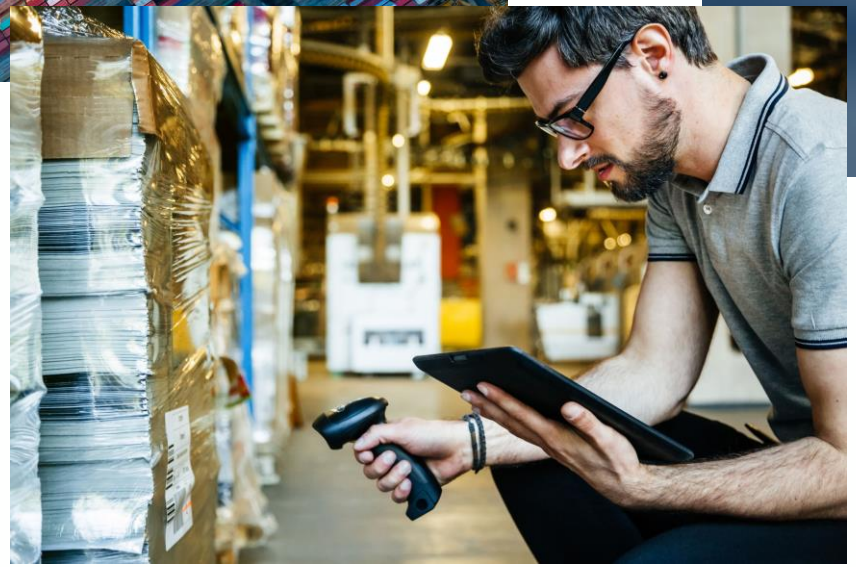
A career path is rarely a path at all. A more interesting life is usually a more crooked, winding path of missteps, luck and vigorous work. It is almost always a clumsy balance between the things you try to make happen and the things that happen to you.

- Tom Freston

Women Leadership in Supply Chain

Evolution of Supply Chain

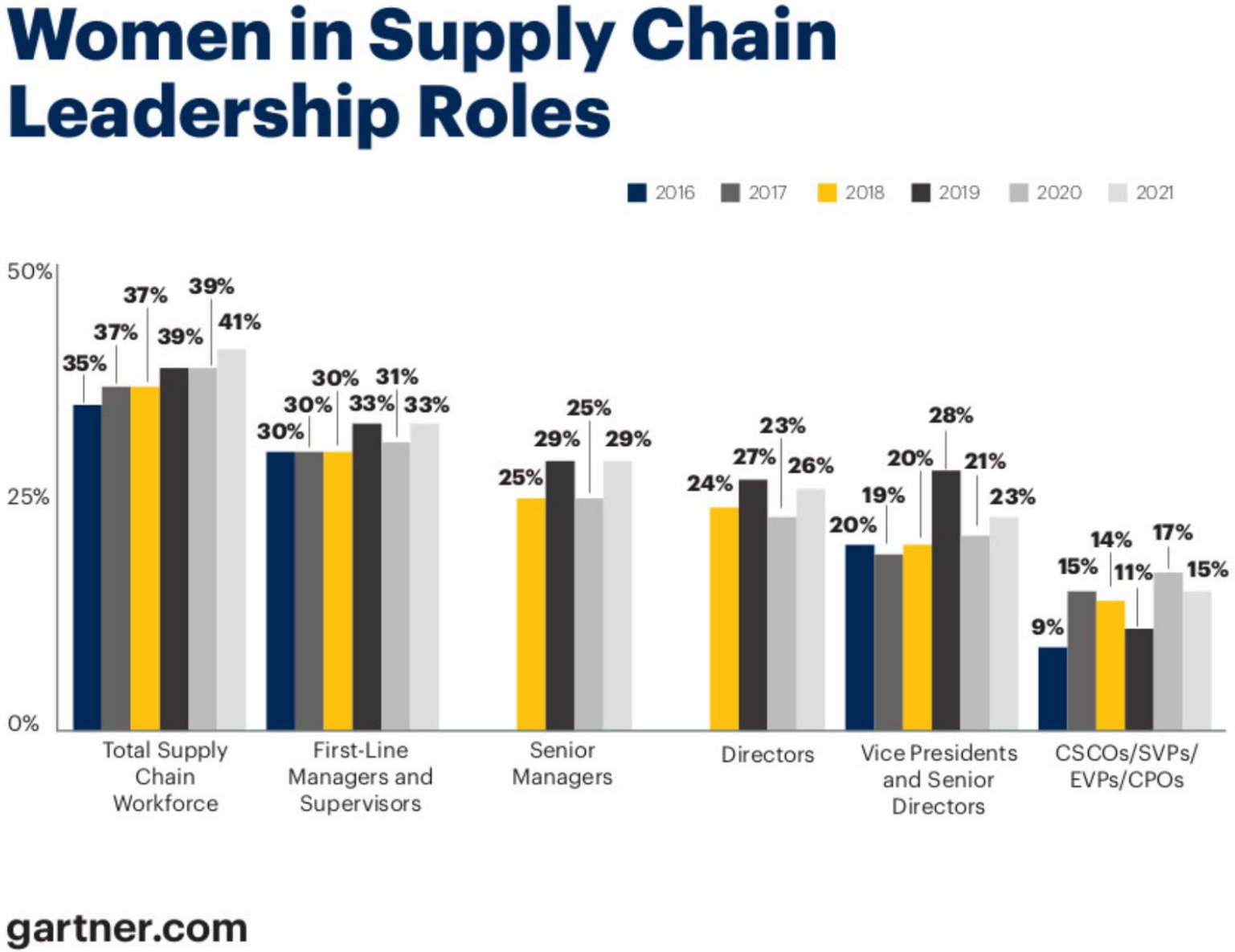




Supply Chain Industry Compared to Corporate USA

- *Women comprise 54.3% of the Workforce in 2021*
- *Women account for 35% of senior leadership positions*
- *8.2% of Fortune 500 CEOs are women, less than 1% being women of color*

https://www.zippia.com/advice/women-in-leadership-statistics/



Gartner and Achieving Women's Excellence in Supply Chain Operations Management & Education (AWESOME)
https://www.gartner.com/en/newsroom/press-releases/2021-06-16-gartner-survey-finds-women-comprise-41-percent-of-the-supply-chain-workforce

An Evolving Supply Chain Leader Workforce

Balancing Many Factors

- Aged Workforce
- Burnout / Stress of COVID19
- Formal Education paths in Supply Chain
- Growth in the Supply Chain industry
- Succession Planning
- Active Mentorship
- Industry Collaborations and Networking

Commitment to Learning and Giving Back

Raising your hand and Lending one too

- Active Engagement in Opportunities for Growth
- Staying Current
- Explore certifications in your industry
- Supporting Undergraduate and Graduate programs
- Participate in Regional and National collaboratives
- Build the Network

Building your Crew

"The strength of the team is each individual member.

The strength of each member is the team.“

– Phil Jackson

The Power of Mentorship

Leading thru Disruption

Making better
health easy
Geisinger
Geisinger

Geisinger: Integrated health system with $7+ billion in combined revenues

We care for patients.

- **10** hospital campuses
- **130** clinic sites
- **24,000** employees
- **1,800** employed physicians

We provide quality, affordable healthcare coverage.

- **More than 600,000** risk lives managed
- **48,000** contracted providers in network
- **130+** hospitals in network

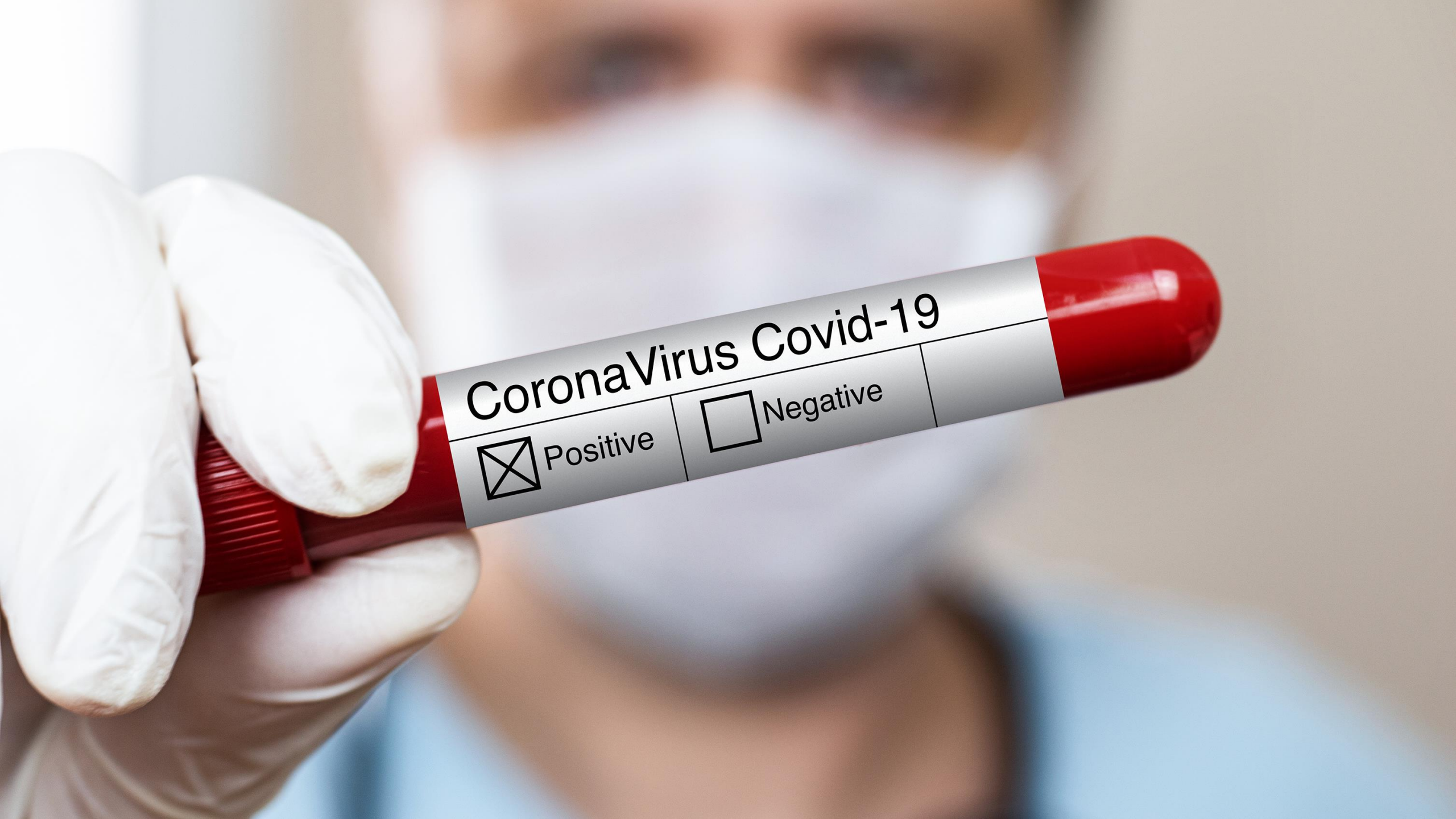
We teach, research and innovate.

- **600** MBS/MD students at GCSOM
- **50+** students in School of Nursing, **2,300+** other nursing students
- **570** residents/fellows
- **1,000+** active research projects

Geisinger Supply Chain

A little About Us

- Supply Chain team of > 250 FTEs
- 250,000 sq ft Central Distribution Center
- Recognized in Gartner's Top 25 Healthcare Supply Chain 2021 ranking
- Participating in several regional and national workstreams on topics such as Supply Chain Resiliency, Data Standards in Healthcare and more!


CoronaVirus Covid-19
Positive
Negative

Managing thru Crisis

Responding to unique challenges in an ever-changing environment

Work / Life

Flexibility and support

Health & Wellness

Mind and Body / Stress Management

Our New Digital World

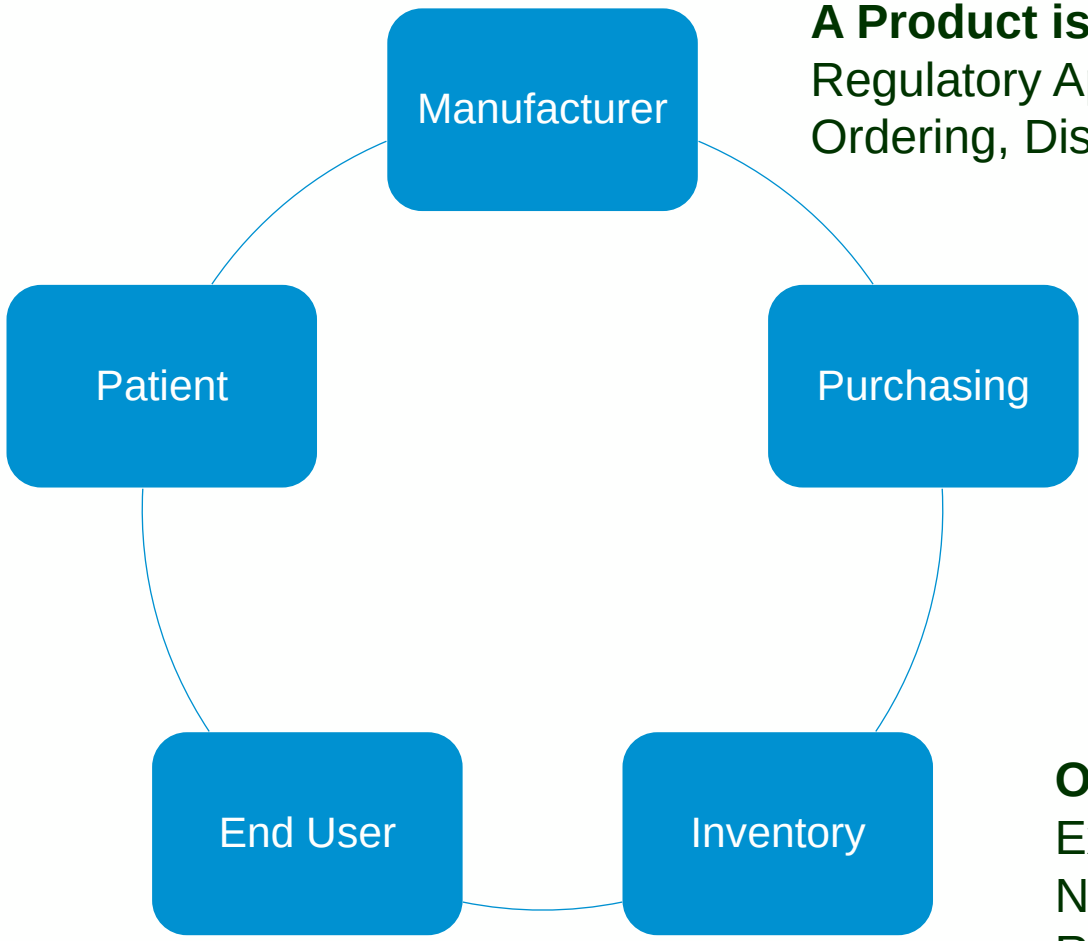
Communication, Social Interactions, Accessibility

Beyond the Price: Supply Chain’s Impact on Quality and Financial Performance in Healthcare

Data Standards in Health Care Supply Chain

Practical and Innovative Use Cases Impacting Quality

Supply Chain Data Points



A Product is Born
Regulatory Approvals, Packaging, Labeling, Ordering, Distribution

Right Product and Value
Strategic Sourcing and Clinical Evaluation, Contracting, Procurement to Payment

On Hand Until Needed
Expiration Dates, Lots, Serial Numbers, Unit of Measure, Recall Management, Demand Forecasting

Product to Patient
Patient Record, Patient Safety, Patient Billing

Post Episode Measurement
Outcomes, Recalls, Registry, Digital

Comparative to the Food Industry

Data Standards

- Standardized Formatting for Universal Product Code (UPC) Barcode
- FDA Food Code 2017
- Food Labeling Regulations
- Safe Handling Instructions
- Food Allergen Labeling and Consumer Protection Act of 2004

- Variable
- Non Standard
- Missing?

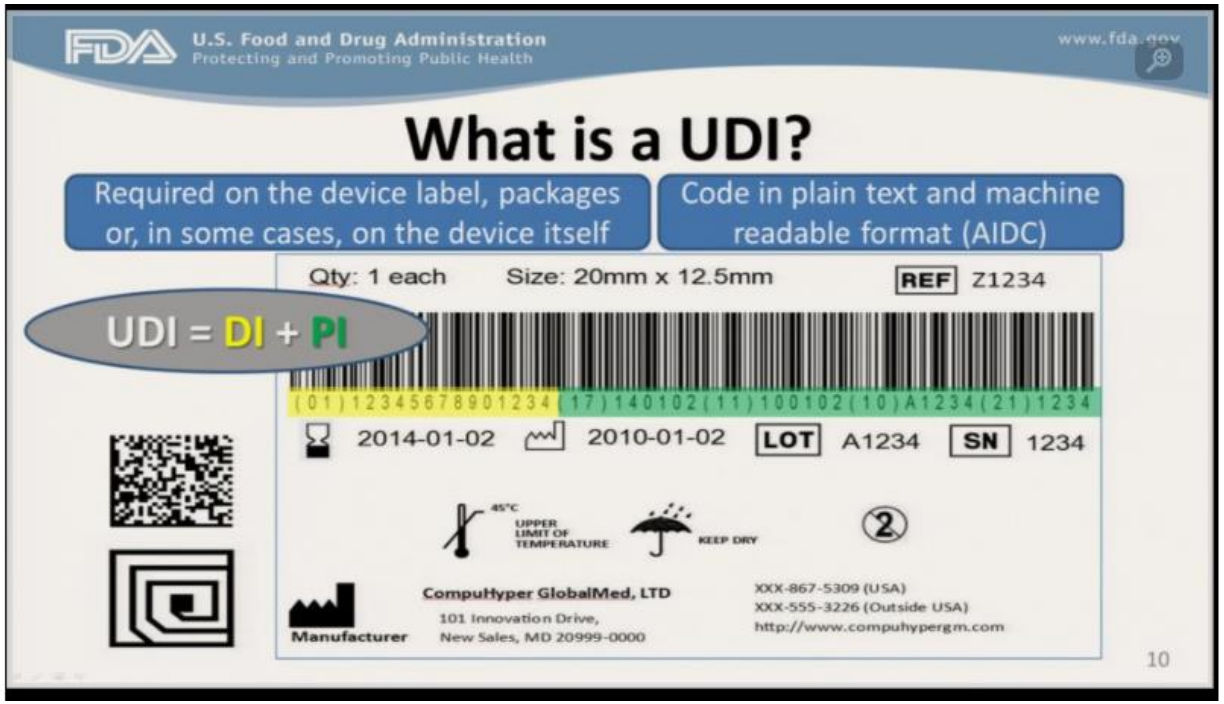
- Transparent
- Consistent
- Integrated

Established FDA Compliance Dates

Sept 24, 2014 thru Sept 24, 2018
Depending on Device Class

Data Standards in Healthcare Today and the Journey to Tomorrow

FDA Amendments Act of 2007 (FDAAA) + FDA Safety and Innovation Act of 2021 (FDASIA) = UDI Final Rule September 24, 2013



U.S. FDA Unique Device Identification (UDI) Rule – Sources: FDA.gov
https://www.federalregister.gov/documents/2013/09/24/2013-23059/unique-device-identification-system

FDA-Accredited Issuing Agencies - UDI

- GS1
- Health Industry Business Communications Council (HIBCC)
- International Council for Commonality in Blood Banking Automation (ICCBBA)

Reference: https://www.fda.gov/media/96648/download

GS1 US

The Global Language of Business

Know Your GS1 Barcodes and What Is in Them!

Key to Patient Safety and Supply Chain Efficiency

What's in a Barcode?

GTIN* With Expiration Date, Batch/Lot and Serial Number Encoded in a GS1-128 Barcode*

(01) 00614141007349 (17) 141231 (10) A12345B (21) 1234

GTIN – Global Trade Item Number | Expiration Date | Batch/Lot Number | Serial Number

Human Readable Interpretation Application Identifier
(01) Global Trade Item Number*
(17) Expiration Date YYMMDD
(11) Production Date YYMMDD
(10) Batch/Lot Number
(21) Serial Number

*Same data can be encoded in either GS1-128 or GS1 DataMatrix. Store data in separate fields in database to allow Data Query.

GS1 DataMatrix

Example of GS1 DataMatrix for DSCSA* or U.S. FDA UDI**

GTIN 00314141999995
SN 10000000234
EXP 25 JAN 2015
LOT 987654321GFEDCBA

GS1 recommends GS1 DataMatrix for healthcare use.

*For information about the act, see the 2013 Drug Supply Chain Security Act.

**For information about the rule, see the U.S. FDA Unique Device Identification System.

Examples of GS1-128 Barcodes for U.S. FDA UDI*

GTIN With Expiration Date, Batch/Lot and Serial Number Encoded in a GS1-128 Barcode

(01) 00614141007349 (17) 141231 (10) A12345B (21) 1234

GTIN With Batch/Lot Number Encoded in a GS1-128 Barcode

(01) 00614141999996 (10) 987654321GFEDCBA

GTIN | Batch/Lot

GTIN With Expiration Date and Batch/Lot Number Encoded in a GS1-128**

(17)141120(10)1234AB

(01)10857674002017

Individual manufacturers select the data encoded based on their control procedures.

*For information about the rule, see the U.S. FDA Unique Device Identification System.

**GTIN can be encoded on the top GS1-128 or the lower GS1-128.

GS1 Barcode Tips

1. Parentheses are not encoded
2. Spaces are not encoded
3. Minimum Grade C except ITF-14 (D)

GS1 US Implementation Resources

GS1 Standards Resources for U.S. FDA Unique Device Identification (UDI) Implementation Support www.gs1us.org/UDIresources

GS1 Standards Resources for Supporting the Implementation of Drug Supply Chain Security Act (DSCSA) www.gs1us.org/DSCSA

GS1 Data Carriers

Electronic Product Code (EPC*)-Enabled in Radio Frequency Identification (RFID) Tag

Carries a serialized GTIN (sGTIN)

EAN®/U.P.C.**

North American Retail

ITF - 14

10614141999993

Shipping Containers (Especially Corrugated)

GS1 DataBar® Stacked

(01) 00614141987658

GS1 DataBar Limited With Composite Component

(01) 1 0614141 00734 6

*The appearance of the EPCglobal® Seal is to inform that an EPC-Enabled RFID tag is present on or within the packaging of the product(s).

**In this publication, the letters "U.P.C." are used solely as an abbreviation for the "Universal Product Code," which is a product identification system. They do not refer to the UPC, which is a federally registered certification mark of the International Association of Plumbing and Mechanical Officials (IAPMO) to certify compliance with a Uniform Plumbing Code as authorized by IAPMO.

Notes & Tools

Disclaimer

This document is intended to demonstrate the use of GS1 Standards for Unique Device Identification. It does not provide any guidance or advice regarding regulatory compliance. Please consult your internal regulatory staff for compliance questions.

GS1 US® is the local GS1 Member Organization that supports implementation of the GS1 System in the United States. GS1 US employees are not representatives or agents of the U.S. FDA, and the content herein has not been reviewed, approved, or authorized by the U.S. FDA.

GS1 is a U.S. FDA-Accredited Issuing Agency for UDI, and GS1 Standards are authorized for use in implementing the requirements of the U.S. FDA UDI Rule.

Data carriers not to scale.

Contact

GS1 Healthcare US® — www.gs1us.org/Healthcare

© 2018 GS1 US All Rights Reserved

Source: GS1us.org

Data Standards in Use

https://www.gs1us.org/industries/healthcare/standards-in-use

The Challenge to Be the Change

"I want every little girl who's told she's bossy, to be told instead she has leadership skills"

- Sheryl Sandberg, COO of Facebook

Geisinger