

BOARD OF TRUSTEES

Quality Committee

Tuesday, October 4, 2022
8:00 A.M.

BOARD ROOM
4800 Fournace Place, Bellaire, Texas 77401

The meeting may be viewed online at: <http://harrishealthtx.swagit.com/live>

Notice: Some Board Members may participate by videoconference.

Mission

Harris Health is a community-focused academic healthcare system dedicated to improving the health of those most in need in Harris County through quality care delivery, coordination of care, and education.

AGENDA

- | | | |
|---|------------------------------|-----------------|
| I. Call to Order and Record of Attendance | Dr. Andrea Caracostis | 1 min |
| II. Approval of the Minutes of Previous Meeting | Dr. Andrea Caracostis | 2 min |
| • Quality Committee Meeting – August 16, 2022 | | |
| III. Harris Health Safety Message: Antibiotics Before Surgery | | 5 min |
| <i>– Dr. Steven Brass</i> | | |
| IV. Presentation and Discussion Regarding Health Equity and Social Determinants of Health | | 10 min |
| <i>– Dr. Esperanza (Hope) Galvan and Ms. Karen Tseng</i> | | |
| V. Executive Session | Dr. Andrea Caracostis | 70 min |
| A. Report Regarding Quality of Medical and Healthcare, Pursuant to Tex. Health & Safety Code Ann. §161.032, Tex. Occ. Code Ann. §160.007, and Tex. Occ. Code Ann. §151.002, to Receive Peer Review and/or Medical Committee Report in Connection with the Evaluation of the Quality of Medical and Healthcare Services – <i>Dr. Steven Brass and Dr. Yashwant Chathampally</i> | | <i>(55 min)</i> |
| B. Report Regarding Harris Health System Correctional Health Quality of Medical and Healthcare, Pursuant to Tex. Health & Safety Code Ann. §161.032, Tex. Occ. Code Ann. §160.007, and Tex. Occ. Code Ann. §151.002 to Receive Peer Review and/or Medical Committee Report – <i>Dr. Otis Egin</i> | | <i>(10 min)</i> |

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- C. Report by the Executive Vice President, Chief Compliance and Risk Officer, Regarding Compliance with Medicare, Medicaid, HIPAA and Other Federal and State Health Care Program Requirements and a Status of Fraud and Abuse Investigations, Pursuant to Texas Health & Safety Code §161.032, and Possible Action Regarding this Matter Upon Return to Open Session
– *Ms.Carolynn Jones*

(5 min)

VI. Reconvene

Dr. Andrea Caracostis 1 min

VII. Adjournment

Dr. Andrea Caracostis 1 min

HARRIS HEALTH SYSTEM
MINUTES OF THE BOARD OF TRUSTEES
QUALITY COMMITTEE MEETING
Tuesday, August 16, 2022
8:00 AM

AGENDA ITEM	DISCUSSION	ACTION/RECOMMENDATIONS
I. Call to Order and Record of Attendance	Dr. Andrea Caracostis, Chair, called the meeting to order at 8:00 a.m. It was noted that a quorum was present and the attendance was recorded. Dr. Caracostis announced that while some board members are in the room, others will participate by videoconference as permissible by state law and the Harris Health Videoconferencing Policy. Only participants scheduled to speak have been provided dial in information for the meeting. All others who wish to view the meeting may access the meeting online through the Harris Health website: http://harrishealthtx.swagit.com/live .	
II. Approval of the Minutes of Previous Meeting Quality Committee Meeting – June 22, 2022		Moved by Ms. Alicia Reyes, seconded by Dr. Arthur Bracey, and unanimously approved the minutes of the previous meeting.
III. Harris Health Safety Message	Dr. Steven Brass, Executive Vice President & Chief Medical Executive, shared a Minute for Medicine video series focused on the Time Out – Universal Protocol. Dr. Brass provided an update regarding Monkeypox, stating that Harris Health has administered more than 40 doses of the Monkeypox vaccine, tested 70 individuals for Monkeypox, and 3 patients were admitted with Monkeypox. Dr. Brass mentioned that Harris Health is engaging the community through its outreach efforts and is collaboratively working with Harris County and the City of Houston to share information and promote awareness.	
IV. Executive Session	At 8:06 a.m., Dr. Caracostis stated that the Quality Committee of the Board of Trustees would go into Executive Session as permitted by law under Tex. Health & Safety Code Ann. §161.032, Tex. Occ. Code Ann. §160.007, and Tex. Occ. Code Ann. §151.002.	
A. Report Regarding Quality of Medical and Healthcare, Pursuant to Tex. Health & Safety		No action taken.

AGENDA ITEM	DISCUSSION	ACTION/RECOMMENDATIONS
<p>Code Ann. §161.032, Tex. Occ. Code Ann. §160.007, and Tex. Occ. Code Ann. §151.002, to Receive Peer Review and/or Medical Committee Report in Connection with the Evaluation of the Quality of Medical and Healthcare Services</p>		
<p>B. Report by the Executive Vice President, Chief Compliance and Risk Officer, Regarding Compliance with Medicare, Medicaid, HIPAA, Other Federal and State Healthcare Program Requirements and an Update on the Status of Fraud and Abuse Investigations, Pursuant to Tex. Health & Safety Code Ann. §161.032, and Possible Action Regarding this Matter Upon Return to Open Session</p>		<p>No action taken.</p>
<p>V. Reconvene</p>	<p>At 9:26 a.m., Dr. Caracostis reconvened the meeting and stated that no action was taken in Executive Session.</p>	
<p>VI. Adjournment</p>	<p>Moved by Dr. Arthur Bracey, seconded by Ms. Alicia Reyes, and unanimously approved to adjourn the meeting. There being no further business, the meeting adjourned at 9:26 a.m.</p>	

I certify that the foregoing are the Minutes of the Meeting of the Quality Committee of the Board of Trustees of the Harris Health System held on August 16, 2022.

Respectfully submitted,

Andrea Caracostis, M.D., MPH, Chair

Recorded by Cherry Pierson

Tuesday, August 16, 2022

Harris Health System Board of Trustees Board Meeting – Quality Committee Attendance

Note: For Zoom meeting attendance, if you joined as a group and would like to be counted as present, please submit an email to: BoardofTrustees@harrishealth.org before close of business the day of the meeting.

QUALITY COMMITTEE BOARD MEMBERS PRESENT	QUALITY COMMITTEE BOARD MEMBERS ABSENT	OTHER BOARD MEMBERS PRESENT
Dr. Andrea Caracostis (Chair)		Dr. Ewan Johnson
Dr. Arthur W. Bracey		Ms. Mia Mends
Ms. Alicia Reyes		

EXECUTIVE LEADERSHIP
Dr. Esmaeil Porsa, President & Chief Executive Officer
Ms.Carolynn Jones, Executive Vice President & Chief Compliance and Risk Officer
Ms. Debbi Garbade, Vice President, Patient Safety & Risk Management, Quality & Safety Office
Dr. Glorimar Medina-Rivera, Executive Vice President, Ben Taub Hospital
Dr. Hemant Roy, Vice Chair, Harris Health System & Ben Taub Hospital
Dr. Jackie Brock, Executive Vice President & Chief Nursing Executive
Dr. Jason Chung, Associate Chief Medical Officer & Senior Vice President, Medical Affairs and Utilization
Dr. John Foringer, Chair, Medical Executive Board
Dr. Joseph Kunisch, Vice President, Quality Programs
Mr. Louis Smith, Senior Executive Vice President & Chief Operating Officer
Ms. Maria Cowles, Senior Vice President, Chief of Staff
Dr. Martha Mims, Vice Chair, Medical Executive Board
Dr. Maureen Padilla, Senior Vice President, Nursing Affairs & Support Services
Mr. Michael Hill, Executive Vice President, Chief Strategy & Integration Officer
Mr. Michael Nnadi, Senior Vice President, Chief Pharmacy & Lab Officer
Ms. Olga Llamas Rodriguez, Vice President, Community Engagement & Corporate Communications
Dr. Otis Egin, Chief Medical Officer, Correctional Health
Ms. Patricia Darnauer, Executive Vice President, Lyndon B. Johnson Hospital
Ms. Sara Thomas, Vice President Legal Affairs/Managing Attorney, Harris County Attorney’s Office

Dr. Steven Brass, Executive Vice President & Chief Medical Executive
Dr. Tien Ko, Chief of Staff, Lyndon B. Johnson Hospital
Dr. Yashwant Chathampally, Associate Chief Medical Officer & Senior Vice President, Quality and Patient Safety

OTHERS PRESENT	
Alison Perez	Jennifer Zarate
Antoinette Cotton	Jerald Summers
April Adams, MD	Nicholas Bell
Catherine Eppes, MD	Pamela Berens, MD
Cherry Pierson	Paul Lopez
Daniel Smith	Randy Manarang
Derek Curtis	Stephanie Ramirez
Ebon Swofford	Tai Nguyen
Efu Leke, MD	Yolanda Wall
Elizabeth Winn	

Tuesday, October 4, 2022

Harris Health Safety Message: Antibiotics Before Surgery

HARRISHEALTH SYSTEM

HRO Safety Message

**Steven Brass, MD, MPH, MBA
EVP, Chief Medical Executive**

**Board of Trustees Quality Committee
October 4, 2022**

SAFETY MESSAGE

HARRIS
HEALTH
SYSTEM

ZERO
HARM

Safety 1st. Always.

Having a High-reliability Organization's Mindset

High-reliability Organizations (HROs) are those that successfully complete their missions despite massive complexity and high risk. Examples include the Federal Aviation Administration's Air Traffic Control system, aircraft carriers, and nuclear power plants. In each case, even a minor error could have catastrophic consequences. Yet, adverse outcomes in these organizations are rare. The key components of High Reliability Organizations (HROs), including leadership, a safety-focused culture, and a dedication to continuous learning and improvement.



HRO Mindset: Link to video

- 4-HarrisHealth_MinuteForMedicine_02_Antibiotics Before Surgery
<https://youtu.be/BbkoYSx1ddg>

Tuesday, October 4, 2022

Presentation and Discussion Regarding Health Equity and Social Determinants of Health



Health Equity and Social Determinants of Health

**Esperanza Galvan, PhD, MSN
Interim SVP, Chief Health Officer**

Population Health

Karen Tseng, JD

**Special Advisor to the CEO
Population Health**

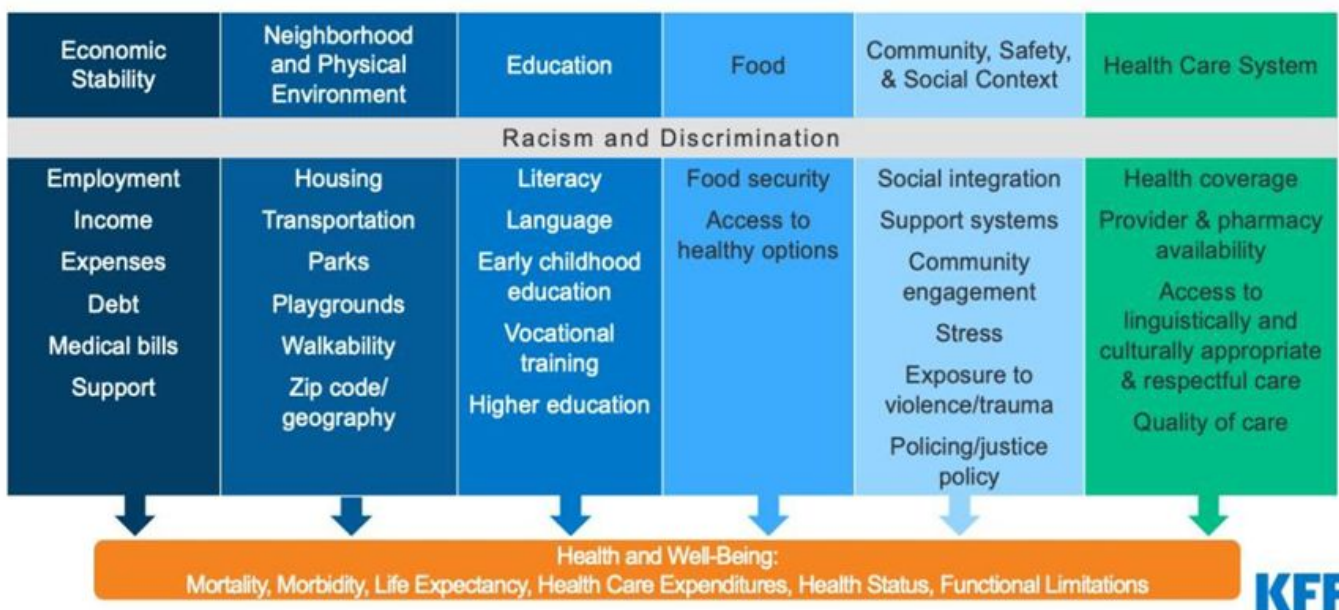
Board of Trustees Quality Committee

October 4, 2022

Drivers of Health Disparities

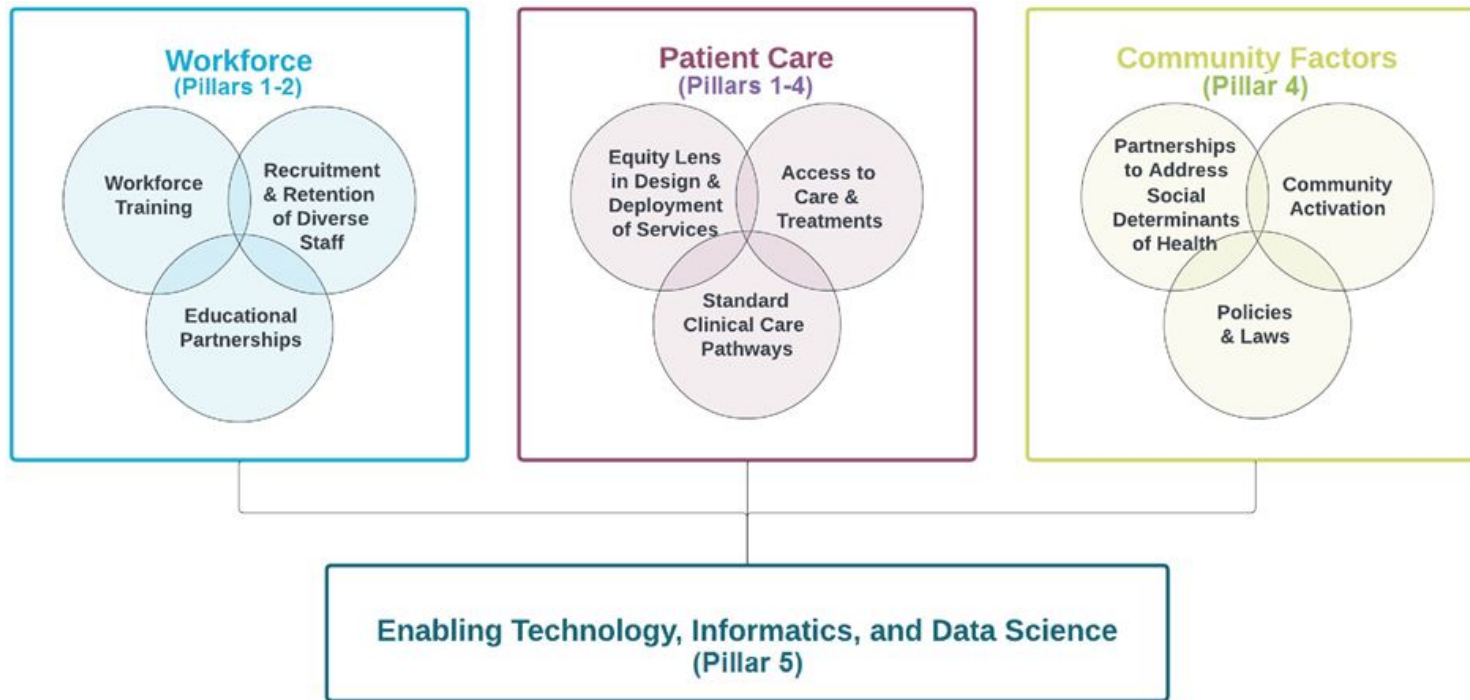
Figure 1

Health Disparities are Driven by Social and Economic Inequities



Health Equity in Our Strategic Plan

Harris Health is dedicated to improving the health of those most in need in Harris County through quality care delivery, coordination of care, and education



Priority Actions & Initial Focus Areas

Improve REGAL/SDOH Data Collection

R-Race, E-Ethnicity, G-Gender, A-Age, L-Language
SDOH – Social Determinants of Health

Assess Current Disparities

Stratify key process & outcome metrics by REGAL domains at a minimum

	Diabetes	Maternal Health
Process Measures	Eye Exam Foot Exam	Prenatal Visits Hypertension Monitoring Post-Partum Depression Screening
Outcome Measures	A1c Control Avoidable Hospitalizations (e.g., soft tissue infections, lower extremity amputations)	Maternal Mortality Severe Maternal Morbidity (e.g., hysterectomy, massive transfusion, unplanned ICU admit)
Access Measures	Primary Care Utilization Specialty Care Utilization	

Priority Actions

Analyze Impacts & Identify Root Causes

Detect major patterns of disparities in care and investigate high-impact disparities to identify underlying root causes & drivers

Design & Implement Responsive Interventions

Leverage evidence-based learnings to develop and deploy actions plans to address the specific drivers & root causes of major disparities

Measure and Monitor Performance

Evaluate the impact of interventions on reducing disparities over time; identify “leading indicator” measures to incorporate into an organizational Health Equity Dashboard that is aligned with our Balanced Scorecard

Train Workforce

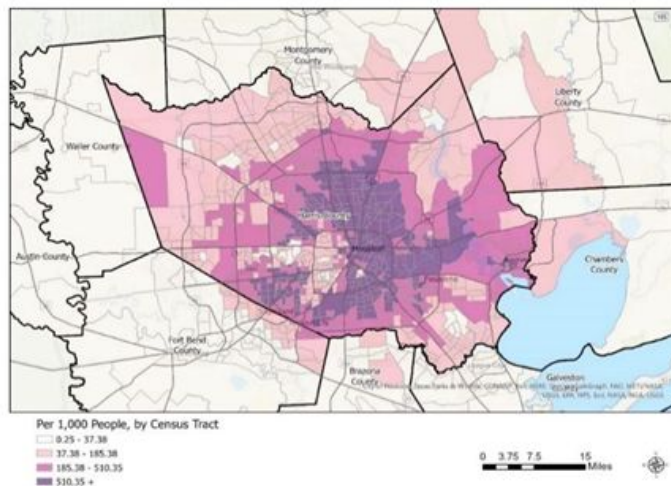
Ensure workforce is trained in health equity principles, tools, and effective approaches to combat subconscious bias, provide culturally-sensitive care, and detect and address disparities in care delivery and outcomes

Update: Improving SDoH Data Availability

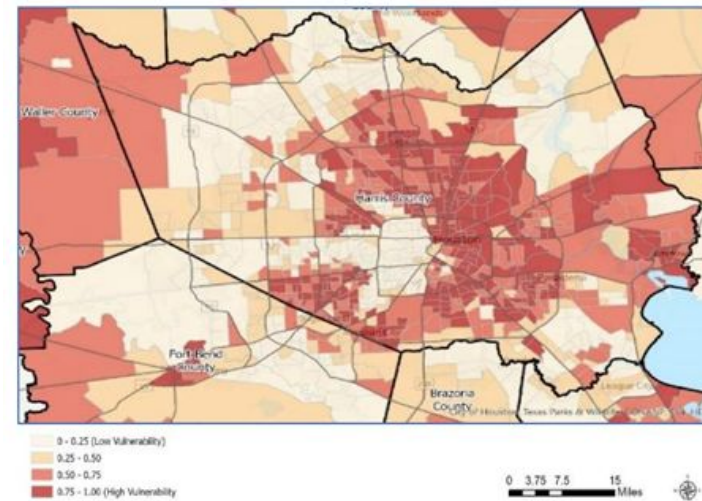
Through our UTSPH partnership, we have **geocoded our patient data**, enabling:

- New geospatial analytic capabilities
- Deeper excavation of SDoH factors and their relationship to health disparities

Census Tract-Level Choropleth Map of Unique Patients Seen at Harris Health System from 2017-2022



CDC Social Vulnerability Index Scores by Census Tract



Across all four CDC domains, the neighborhoods served by Harris Health are significantly more socially vulnerable than those served primarily by other healthcare systems

Update: Diabetes

- | | |
|-----------------|--|
| Progress | <ul style="list-style-type: none"> • Developed Diabetes Health Equity Action Plan (details below) • Building joint database with UTHealth School of Public Health to further action plan |
|-----------------|--|

Diabetes Health Equity Action Plan

- Driven by analytic dataset built at the patient-month level for the most recent five years of data available
- Through descriptive statistics, adjusted logistic regression, and tailored interventions, identify, analyze, and address factors associated with poor diabetes outcomes

Patient Demographics	<ul style="list-style-type: none"> • Race/ethnicity, gender, age, and language (REGAL) • Household income • Education • Insurance
Diabetes Condition Status	<ul style="list-style-type: none"> • HbA1c measurement and control history • Diabetes progression (from pre-diabetes) • Diabetes-related utilization history
Diabetes Treatment Status	<ul style="list-style-type: none"> • Primary care history • Diabetes-related primary and specialty care history • Diabetes-related preventive care history • Diabetes-related medication history
Diabetes-Related Comorbidities	<ul style="list-style-type: none"> • Obesity • Hypertension • Depression • Substance abuse • Cardiovascular disease • Nephropathy • Retinopathy • Amputation
Social Determinants of Health	<ul style="list-style-type: none"> • Housing insecurity • Utility insecurity • Food insecurity & healthy food access • Transportation insecurity

Update: Maternal Health

Maternal Health Equity Working Group	Established in alignment with Maternal Health service line: <ul style="list-style-type: none">• Clinical Champion: Dr. Catherine Eppes• Quality Lead: Dr. Joseph Kunisch• Population Health Partner: Denise LaRue
Clinical Focus	Improving ambulatory service measures, e.g.: <ul style="list-style-type: none">• Timeliness of prenatal care• Quality of postnatal care
SDoH Focus	<ul style="list-style-type: none">• Food insecurity• Transportation insecurity

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Executive Session

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