

MN Health Plans Collaborative BlueCross BlueShield Minnesota HealthPartners Hennepin Health Health

Introductions



Thomas von Sternberg, MD

- Medical Director of Government Programs and Case Management, HealthPartners.
- Practicing geriatrician with HealthPartners for over 30 years.
- Emphasis on the frail elderly and dual eligible population; oversight includes all services of transitional care, assisted living, nursing home and home-based medicine.



Julie Hughes, RN

- Core Disease Manager at HealthPartners since 2016.
- Over 30 years of nursing experience in orthopedic and medical-surgical nursing, and case management roles including utilization review, complex case management, disability management, and workers compensation management.



Beth Simpson, MSN, EdM, RN, NE-BC

- Education Specialist at HealthPartners.
- Broad clinical experience in medical-surgical, urological, orthopedic, and perianesthesia nursing.
- Background also includes roles in education, development, and leadership/management.



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Objectives

- Identify the **social and behavioral barriers** to optimal diabetes care impacting the Medicaid/Medicare populations in MSHO or SNBC.
- Describe the impact of racial disparities on diabetes outcomes.
- State the top five **interventions** that positively affect diabetes management and the prevention of diabetes-related complications.
- Summarize the **role of the Care Coordinator** in helping members manage their diabetes within the context of their life.
- Identify at least three **individualized care planning strategies** that address potential or real barriers to optimal diabetes self-care.



Barriers to Optimal Diabetic Care



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The D5

CONTROL BLOOD PRESSURE

High blood pressure makes your heart work too hard. It can cause a heart attack, stroke or kidney disease.

LOWER BAD CHOLESTEROL

LDL or "bad" cholesterol can build up and clog your blood vessels. It can cause a heart attack or stroke. Ask your doctor about taking a statin.

MAINTAIN BLOOD SUGAR High blood glucose levels (too much sugar in your blood) can harm your heart, blood vessels, kidneys, feet and eyes.

BE TOBACCO-FREE

Chemicals found in tobacco products, such as nicotine and tar, can narrow the blood vessels and damage your heart

TAKE ASPIRIN AS RECOMMENDED

Taking aspirin can prevent harmful blood clots. Ask your doctor if taking aspirin is right for you.



(MN Community Measurement, 2015)

QUALITY MEASURES Minnesota Community Measure

- HbA1c less than 8.0 mg/dL
- Blood pressure less than 140/90 mmHg
- On a statin medication, unless allowed contraindications or exceptions are present
- Non-tobacco user
- Patient with ischemic vascular disease is on daily aspirin or antiplatelets, unless allowed contraindications or exceptions are present



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Consequences of Optimal Care

- Blood Sugar Control can reduce the risk of eye disease, kidney disease, and nerve disease by 40%.9
- Blood Pressure Control can reduce the risk of heart disease and stroke by 33% to 50%. 10
- **Improved Cholesterol** Levels can reduce cardiovascular complications by 20% to 50%. ¹¹
- Regular eye exams and timely treatment could prevent up to 90% of diabetesrelated blindness.¹²
- Health care services that include regular foot exams and patient education could prevent up to 85% of diabetes-related amputations.¹³
- Detecting and treating early diabetic kidney disease by using kidney protective medicines that lower blood pressure can reduce decline in kidney function by 33% to 37%.¹⁴

(NCCDP, 2021)



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Hierarchy of Elements - What's Most Important It's Hard to Do It All

- Smoking (BIGGEST impact if discontinued)
- Blood Pressure
- Cholesterol
- Sugar
- Renal check for proteinuria
- Eye and Foot exams annually



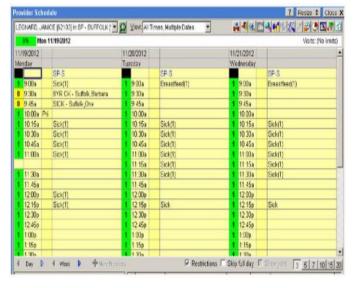
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Limits in Measurement

- Numbers Game- none of the optimal measures allow for consideration of <u>challenges of a chaotic life</u>
- No measurement correction for poverty, mental illness or chaotic lives
- No measure of what's most important to the patient...
- Measures DON'T take into account health literacy



Clinic Based Care



- MD schedule: tyranny of the 20-minute schedule
- Multiple providers / care systems
- Diabetes is ONE of multiple conditions
- In-between visit care is not standardized



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Complexity Burden of "Optimal" Care

- 1-3 BP meds
- 1-3 oral agents
- Insulin: one or two types
- Coverage, cost, confusion of regimens
- Side Effects: add new Rx to treat the new symptoms....





Adherence **Drops** When > 1 Pill Daily

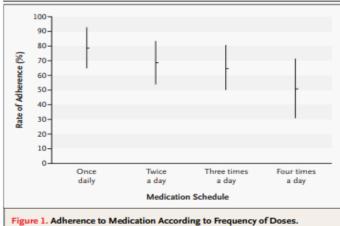


Figure 1. Adherence to Medication According to Frequency of Doses.

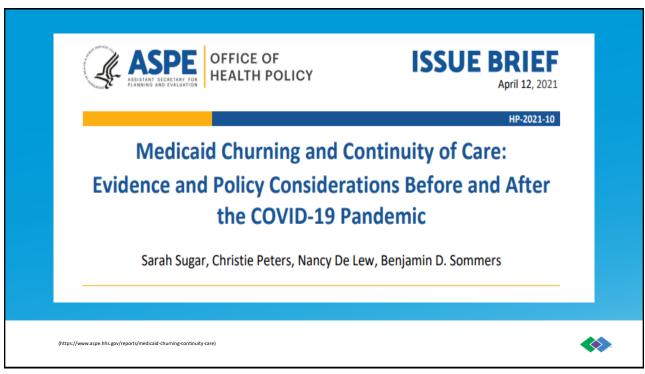
Vertical lines represent 1 SD on either side of the mean rate of adherence (horizontal bars). Data are from Claxton et al.⁷

(https://www.nejm.org/doi/full/10.1056/nejmra050100)

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Social and Behavioral Barriers





Patient Perceptions

Top Diabetes Management Challenges, Solved

- "I'm tired of testing my blood glucose"
- "It's difficult to remember to take my medication"
- "Finding the time and motivation to exercise is impossible"
- "Despite doing all the so-called right things, I don't see any results"
- "My stress is out of control"

(https://www.managedhealthcareexecutive.com.view)



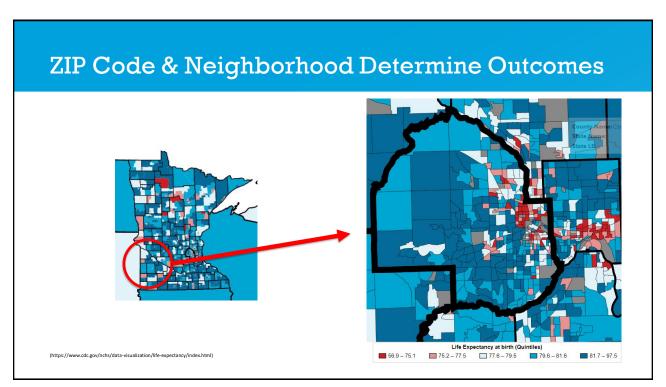
Patient Perceptions

 The reaction and attitude physicians displayed toward patients at the point of diagnosis were crucial in influencing attitudes toward perceived seriousness of the disease and consequently compliance.

(Martin et al, 2005)



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Transportation Barriers to Access

- 1 in 4 appointments missed because of transportation
 - Some studies show up to 50%
- If using public transportation ⇒ rate doubles
- If access to transportation is not easy
 ⇒ more likely to delay care

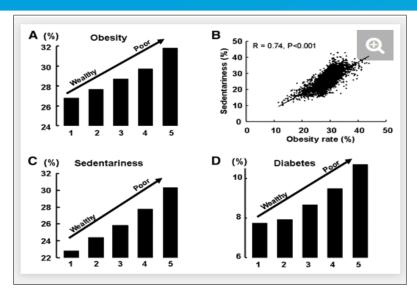
Has Covid given new creative ways to do care?

(Silver, Blustein, & Weitzman, 2012)

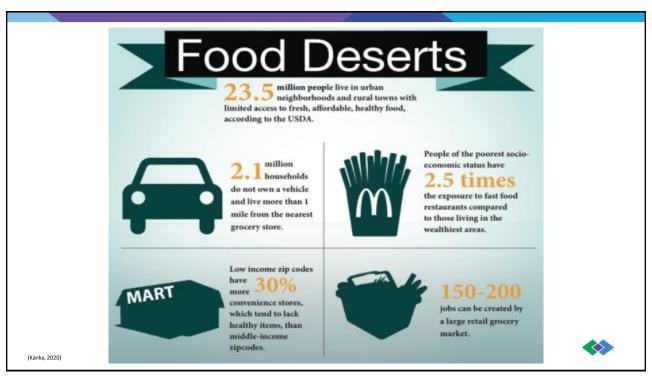


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Poverty and Obesity in the U.S.



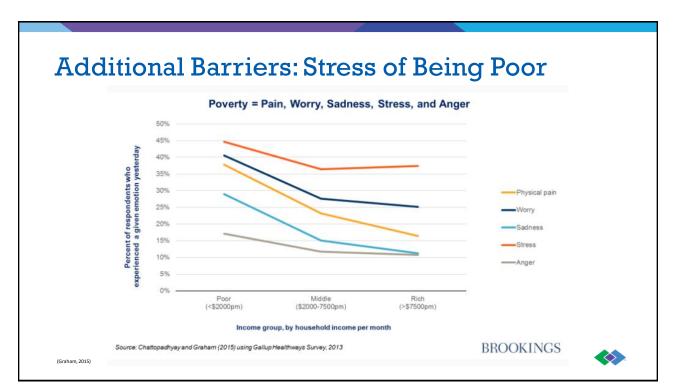
(Levine, 2012)

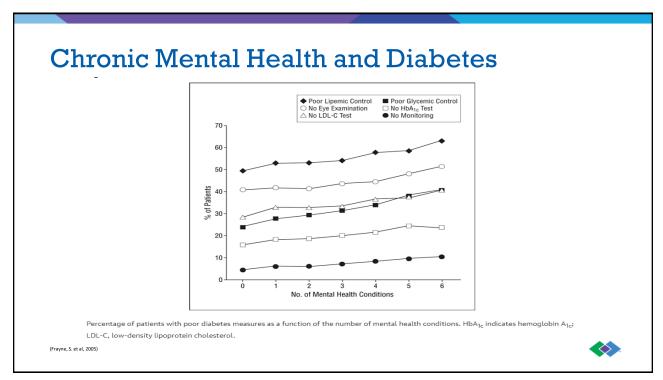


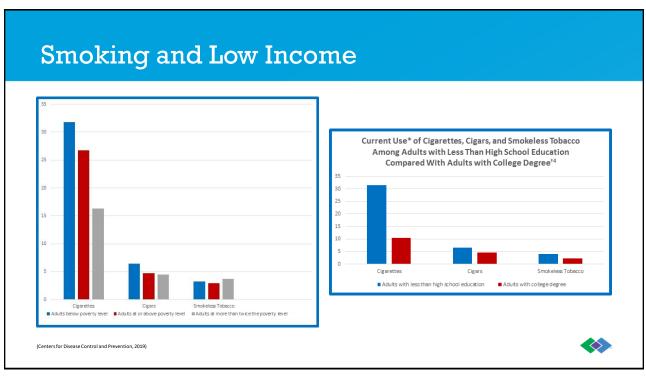
Access to Quality Food

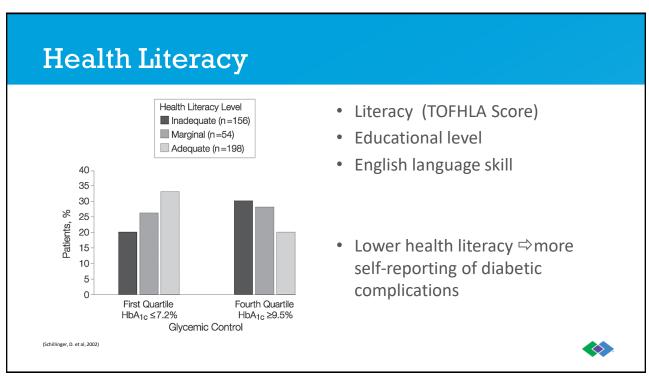
- Challenge: balance between what the patient needs in diet vs. the rest of family
- · Affordability of better-quality food
 - Less of an issue than access
- Cultural/ community norms of diet
 - May conflict with "diabetic diet"

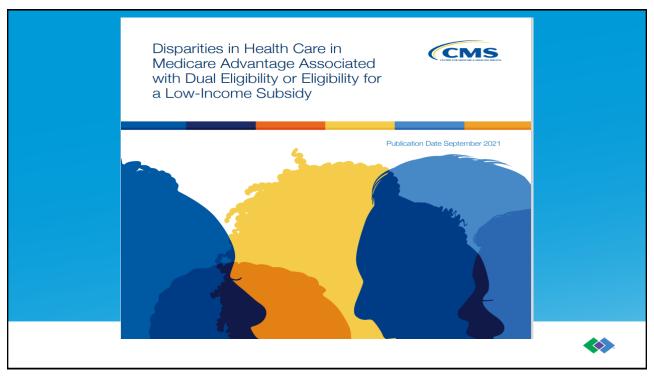








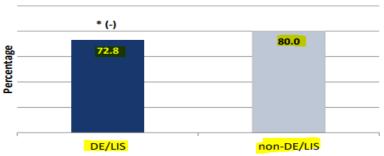




Blood Pressure Control by Income

Diabetes Care—Blood Pressure Controlled

Percentage of MA beneficiaries aged 18 to 75 years with diabetes (type 1 and type 2) whose most recent blood pressure was less than 140/90, by DE/LIS status, Reporting Year 2019

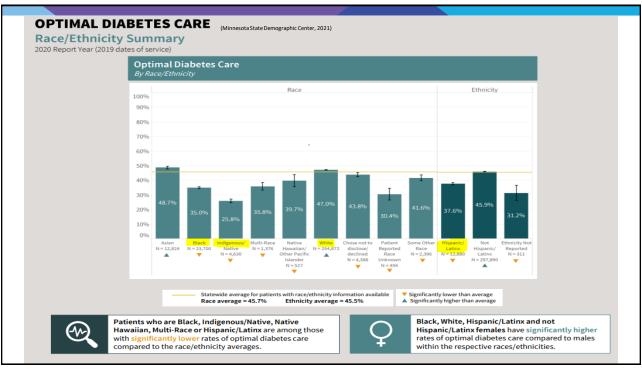


SOURCE: Clinical quality data were collected in 2018 from MA plans nationwide. **NOTES:** DE/LIS beneficiaries are beneficiaries who are dually eligible for Medicare and Medicaid or eligible for an LIS. Non-DE/LIS beneficiaries are neither DE nor eligible for an LIS.

(CMS, 2021)







Racial Disparities

2020 National Diabetes Statistics Report:

- Indigenous populations were **3 times more likely** to die from diabetes
- Non-Hispanic Black Americans were 2.3 times more likely to die from diabetes
- Hispanic Americans were **1.5 times more likely** to die from diabetes

(Centers for Disease Control and Prevention, 2020)



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Diabetes Quality Results

HealthPartners HEDIS Scores

Comprehensive Diabetes Care (CDC) Members 18–75 years of age with diabetes (type 1 and type 2) who had Hemoglobin A1c (HbA1c) testing Admin Rates				
		HEDIS MY 2020 2020 DOS		
PRODUCT	RACE	DENOM	NUMER	RATE
PMAP/MnCare	American Indian or Alaskan Native	132	91	68.9%
PMAP/MnCare	Asian or Pacific Islander	621	530	85.3%
PMAP/MnCare	Black or African American	1,281	1,049	81.9%
PMAP/MnCare	Hispanic or Latino	285	235	82.5%
PMAP/MnCare	Other Race	78	67	85.9%
PMAP/MnCare	Unknown	258	212	82.2%
PMAP/MnCare	White	2,287	1,915	83.7%
	Total	4,942	4,099	82.9%

		HEDIS MY 2020 2020 DOS		
PRODUCT	RACE	DENOM	NUMER	RATE
SNBC	American Indian or Alaskan Native	75	51	68.0%
SNBC	Asian or Pacific Islander	52	45	85%
SNBC	Black or African American	287	234	81.5%
SNBC	Hispanic or Latino	23	17	73.9%
SNBC	Unknown	8	8	100.0%
SNBC	White	790	679	85.9%
	Total	1,235	1,034	83.7%



BP Control with Diabetes

HealthPartners HEDIS Scores

BLOOD PI	RESSURE CONTROL (140/90) RATES FOR MEMBERS V	VITH DIAE	BETES	
DHS PIP				
RESULTS I	FOR 2019 DOS			
PRODUCT	RACE	DENOM	NUMER	BP14090 RT
SNBC	WHITE	247	191	77.3%
	TOTAL	743	569	76.6%
SNBC	AMERICAN INDIAN OR ALASKAN NATIVE	10	7	70.0%
SNBC	ASIAN OR PACIFIC ISLANDER	25	19	76.0%
SNBC	BLACK OR AFRICAN AMERICAN	143	105	73.4%
SNBC	MISSING	286	218	76.2%
SNBC	NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	1	1	100.0%
SNBC	TWO OR MORE RACES	21	19	90.5%
SNBC	UNKNOWN	10	9	90.0%
SNBC	WHITE	247	191	77.3%
	TOTAL	743	569	76.6%



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Special Considerations for MSHO Frail Elders

- Tight control ⇒ WORSE outcomes
- Medication burden ⇒ increased side effects
- Goals of care are more important
- Care delivery "lumps in " frail elders to be treated like adults (numbers game)
- BP monitoring at home
- > We actually want to SLOW down and not be so aggressive



Care Coordination



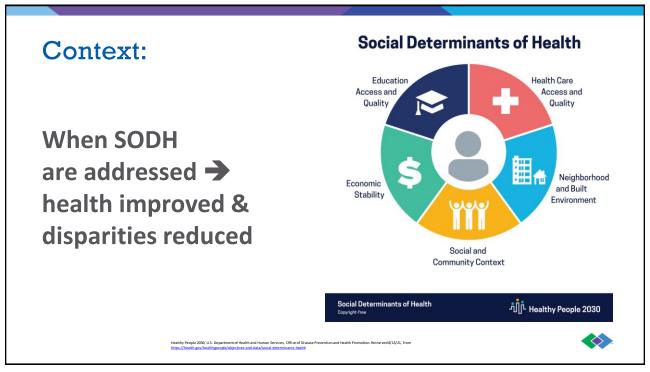
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Educate - Support - Advocate

- ⇒ Identify barriers and gaps
- ⇒ Assist to achieve health goals
- ⇒ Empower towards self-efficacy







Assessment

- Open-ended questions
- Create trust
- Open dialogue

Assessment is ongoing to discover the individual's healthcare status, barriers, values, beliefs, and personal goals



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Assessment: Potential or Real Barriers

- Financial
- Healthy Eating
- Housing
- Medications

- Physical and Lifestyle
- Literacy/Language
- Safety and Environment Social and Mental Health
 - Transportation



Care Planning

- Member-centered
- Collaboration
- Based on:
 - Evidence-based guidelines
 - Best-practice standards
 - Accreditation and regulatory requirements

Individualized care to align with member's values and address gaps/barriers



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Individualized Care Planning Strategies



Strategies: General Principles

Healthcare team approach to patient-centered care:

- Partnership with provider and other team members
- Support provider's care plan and inform of gaps discovered
- Communicate care coordination plan, member progress
- Communication channels
- Documentation
- Emphasize/remind member that care navigator is part of the team
- Ensure member is seeing provider regularly



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Strategies: General Principles

Motivational interviewing techniques

- Creates trust
- Supports empowerment and self-efficacy
- Focuses on the person
- Leads to individualized care planning
- Includes using O-A-R-S:
 - Open-ended questions
 - Affirmations
 - Reflections
 - Summaries

(Rowe, 2015)



Strategies: General Principles

Additional important considerations:

- Literacy assessments: functional and numeracy
- Plain language
- Teach-Back method
- Cultural sensitivity, competence, and humility
- Health technology
- Diabetes-specific language and sensitivity

(ADCES, 2019; Rowe, 2019)



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Open-Ended Assessment Questions

- Who is your primary provider for your diabetes? When did you see them last?
 When is your next appointment with them?
 - Access to healthcare, transportation
- What medications are you taking? Tell me about when you take them.
 - Affordability of and access to medications, health literacy
- What was your last A1C? Tell me about how you check and keep track of your blood glucose
 - · Health literacy, access to healthcare
- What has your blood pressure been?
- What do typically eat for each meal?
 - Food security, access, health literacy
- What activities do you do for exercise?
 - Physical environment, ability, safety
- Consider other topics: tobacco use, the D5 topics, etc.

Questions are included in the Resource Documents



Specific Strategies: Potential or Real Barriers

- Financial
- Healthy Eating
- Safety and Environment
- Housing
- Medications

- Physical and Lifestyle
- Literacy/Language
- Social and Mental Health
 - Transportation



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Discussion Questions

Considering the potential or real barriers to optimal diabetes care, what **solutions** have you discovered? What are your **best-practice approaches** in supporting the person with diabetes for:

- Healthy Eating
- Regular Exercise
- Medication Adherence



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