

South Dakota **STATE UNIVERSITY**

College of Pharmacy and Allied Health Professions

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Improving the Health of South Dakotans through the Prevention and Management of **Diabetes & Cardiovascular Disease (CVD): A Landscape Analysis-The Patient Journey**

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INTRODUCTION

DIABETES IN SOUTH DAKOTA (SD)

- 11.6% of the adult population has diabetes.¹
- Approximately 5,000 people are diagnosed yearly.¹

CARDIOVASCULAR DISEASE IN SD

• 21.4% of all deaths were due to heart disease.²

CURRENT SD LANDSCAPE

- The South Dakota Department of Health (SD DOH) works with provide evidence-based programs for chronic disease manager Additionally, medication therapy management (MTM) is one p service that pharmacists can provide to improve chronic diseas for patients. Despite the presence of these programs and acces based services, both are vastly underutilized by South Dakotar
- Due to the low utilization of these programs and services by So with chronic diseases, a further examination was warranted to patients are not accessing services that could improve their ch management.
- This poster highlights the landscape analysis that took place in five-year project focused on improving the health of South Dal and diabetes.

OBJECTIVE

- Map the health care journey of South Dakotans with CVD and
- Identify barriers and facilitators to disease management

REFERENCES

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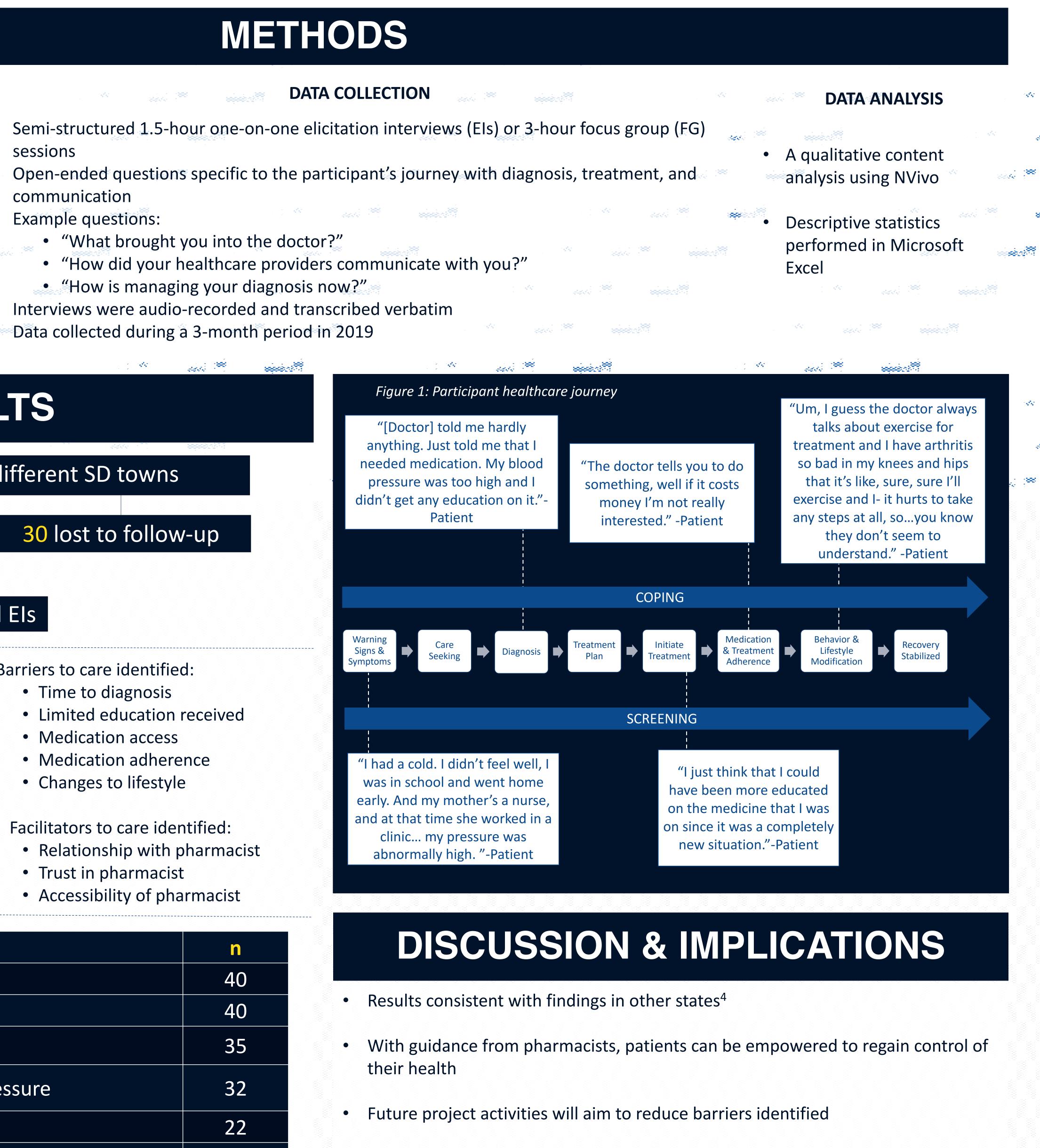
	SAMPLE
	• Recruitment methods consisted of
	flyers, social media ads, newspaper ads, and word-of-mouth.
	Participants were:
	 Adults living in SD
	 Diagnosed with diabetes and/or CVD Willing to share thoughts one-on-one
	or in a group setting
h partners to	
ement. ³	
pharmacy-based	RESUL
ase management	64 recruited from 31 di
ess to pharmacy-	04 recruited nom 51 di
ins.	34 participated
South Dakotans	20 completed $\Gamma C = 14$ completed
o determine why	20 completed FGs 14 completed
hronic disease	• B
	 Participants represented rural and urban areas of South Dakota
n the first year of a akotans with CVD	 Eight distinct stages of health care journey identified (Figure 1)
	 Low comprehension of pharmacy- based services
	Characteristics
diabetes	Reported diagnosis of diabetes
	Taking medications for diabetes
	Diagnosed with high blood pressure
	Taking medications for high blood pres
	Diagnosed with high cholesterol

Reported history of heart attack(s)

Reported history of stroke(s)

Table 1: Characteristics of recruited participants

Taking medications for high cholesterol



• Next steps:

20

- Statewide patient awareness campaign
- Increase availability of pharmacy-based services
- Patient education on pharmacy-based services
- MTM

• Measure economic, clinical, and humanistic outcomes of patients receiving