

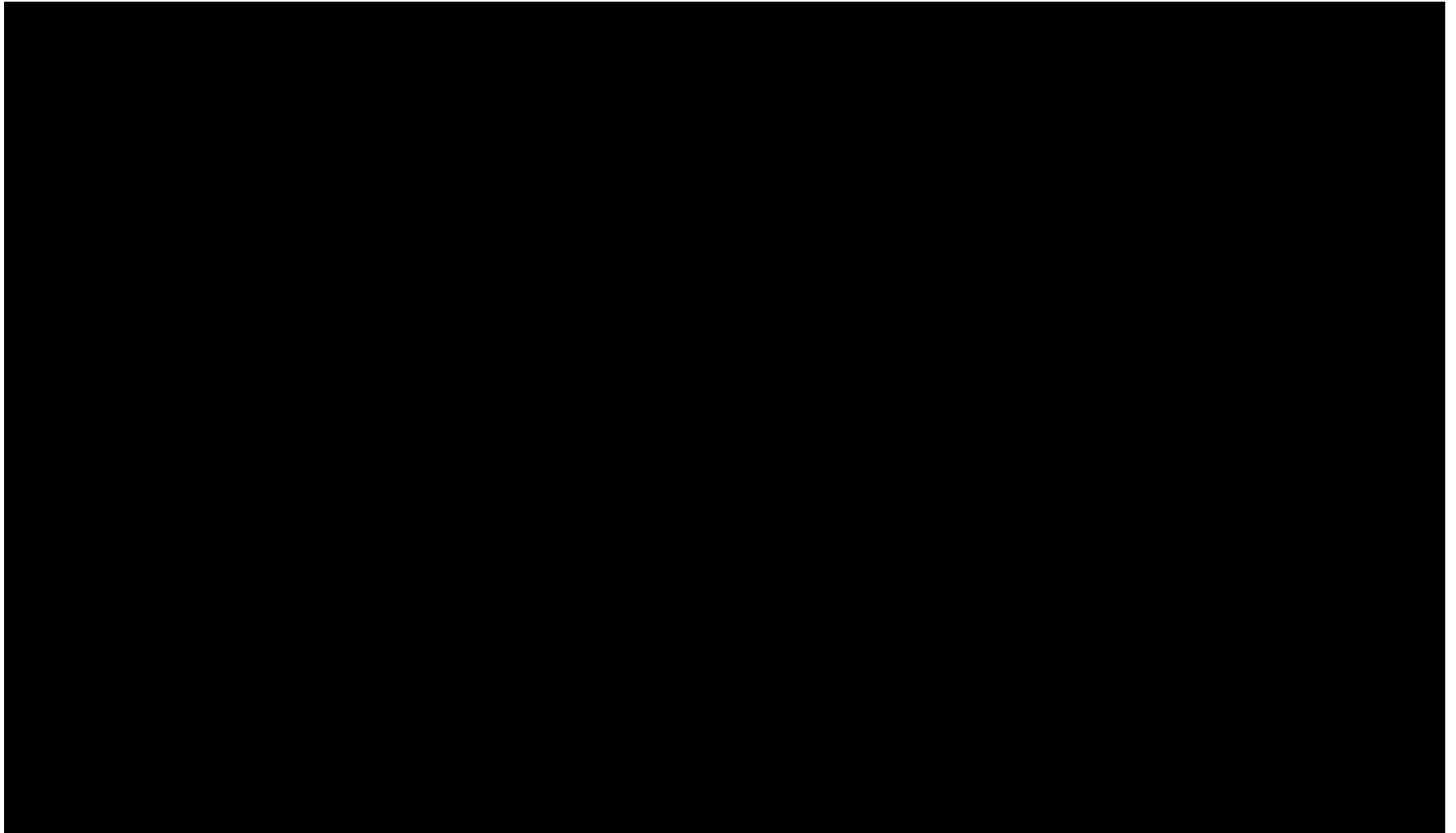
# Community Paramedicine Project 2017

Helping Patients and Communities Live Well

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# Community Paramedics more than Lights and Sirens



# Community Paramedicine

- ↔ Currently under SD law
  - Community paramedicine is not approved
  - Needs to operate under an approved piloted program.

# Community Paramedicine

- ↔ South Dakota codified law
  - Addresses advanced life support personnel operating in hospitals

# Community Paramedicine

- ↔ 36-4B-20 - Hospital and institutional rules applicable
  - If advanced life support personnel should render services in a hospital and related institutions as licensed pursuant to chapter 34-12, said advanced life support personnel shall be subject to the rules and regulations of that hospital and related institutions.  
Source: SL 1978, ch 269, § 20.

*Lead-Deadwood Regional  
Hospital  
Community Paramedicine Program*



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# Community Paramedicine

- ↔ The Lead-Deadwood Community Paramedicine Program is presented as an extension of our Inpatient Discharge Process focuses on:
- medically vulnerable patient populations with LACE Scores >10
  - save health care dollars
    - Filling the gap in continuity of quality care post-discharge
    - Facilitating clinical and community services to ensure the best outcomes for our patients and their families

# Community Paramedicine

- ↔ The LACE index identifies patients that are at risk for readmission or death within thirty days of discharge. It incorporates four parameters.
  - “L” stands for the length of stay of the index admission.
  - “A” stands for the acuity of the admission. Specifically, if the patient is admitted through the Emergency Department vs. an elective admission.
  - “C” stands for co-morbidities, incorporating the Charlson Co-Morbidity Index.
  - “E” stands for the number of Emergency Department visits within the last 6 months.



# Community Paramedicine

- ↔ Primary focus would be decreasing 30 day readmissions
  - Senior Paramedics could be a conduit for our ED providers in non face to face contacts, as outlined by Transitional Care Management guidelines.

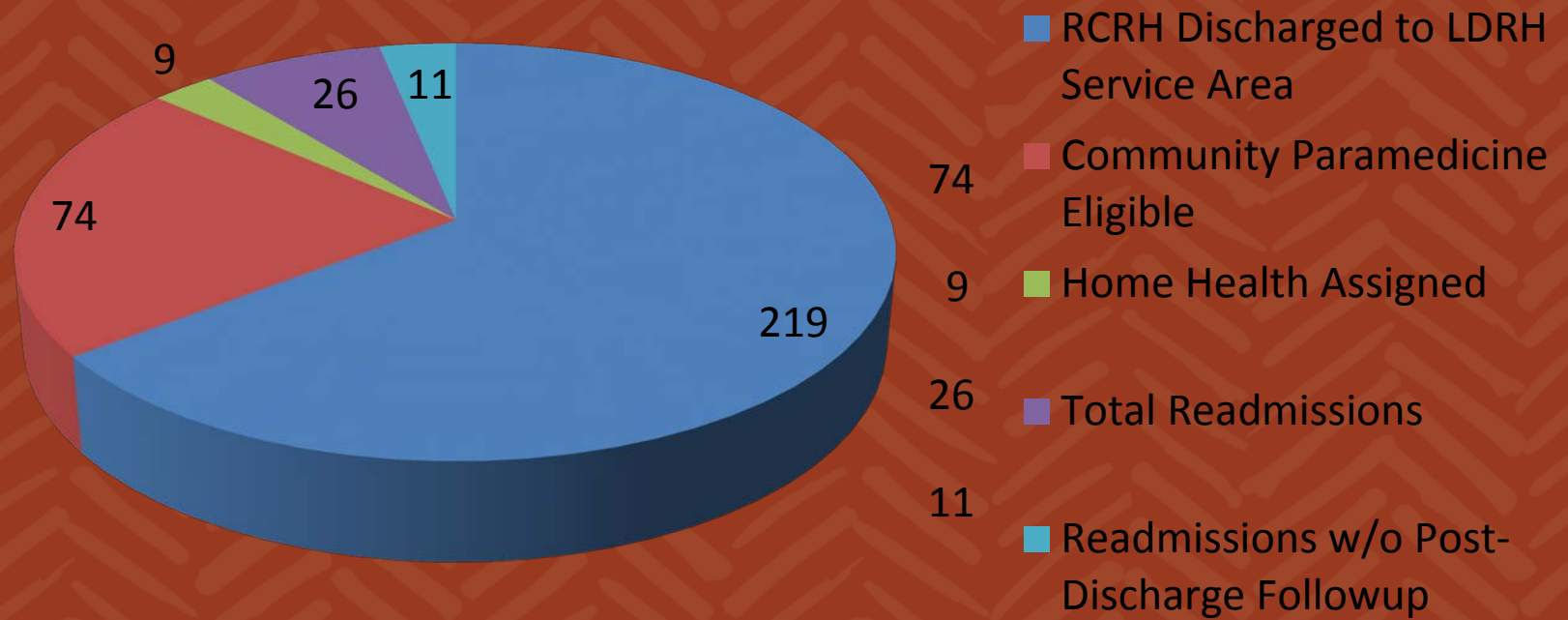
# Community Paramedicine

- ↔ Once qualified and referred to the Community Paramedicine Program
  - patients will be enrolled for up to four weeks.
- ↔ The Senior Paramedic during this time will complete:
  - Initial evaluations of the home environment
  - Limited clinical assessment, care, and education, as ordered by physician or Advanced Practice Provider.

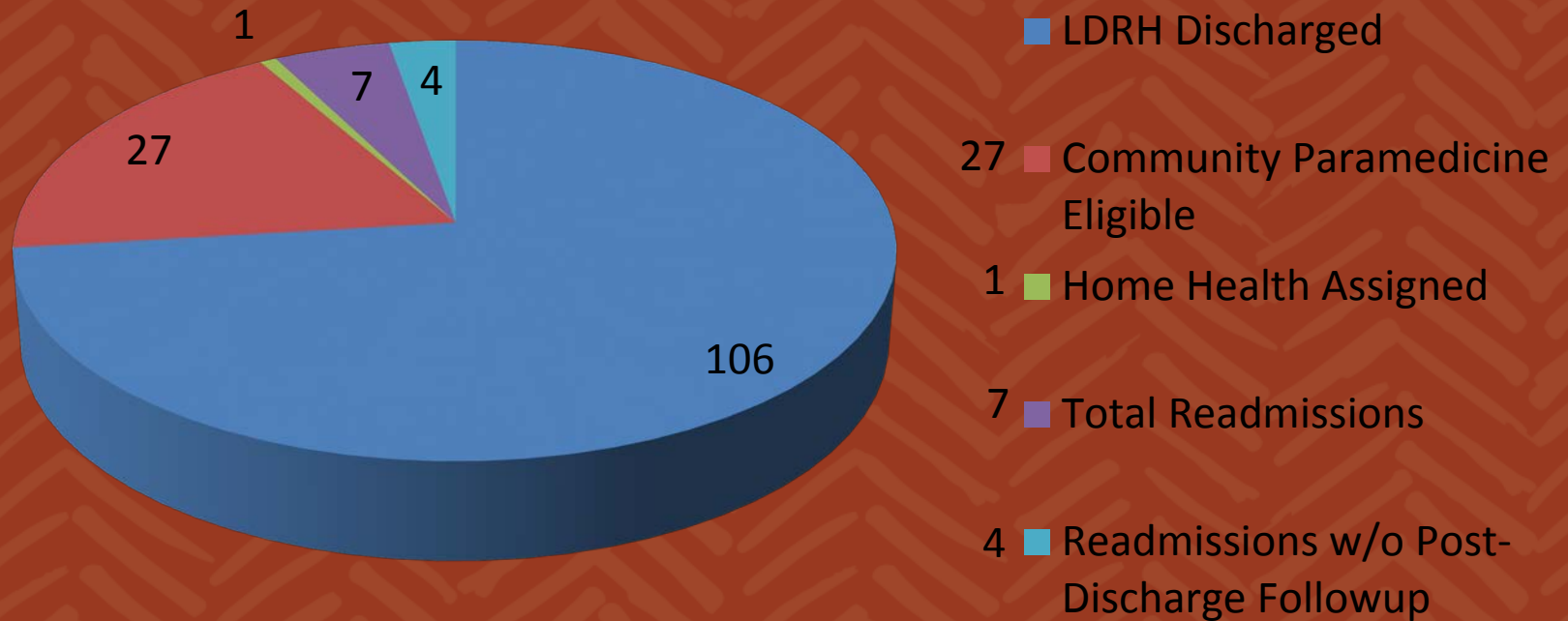
# Community Paramedicine

- ↔ Additional referrals could be made to other services within the Regional Health Network of Care or various Community Services and Programs via “Regional Health’s HOME+”, such as:
- Home Health
  - Diabetic Education
  - Wound Care
  - Chronic Condition Care Management
  - Social Work
  - Facilitating a Primary Care Provider

# YTD RCRH Readmissions affected by LDRH Patients



# YTD LDRH Readmissions



Currently a 6.60% readmission rate for patients discharged to the Lead-Deadwood Service area

# Metrics for Success

## Rapid City Metrics

- Compare baseline RCRH readmissions with CP results.
- Compare readmissions to RCRH from LDRH service area vs. other service areas w/o CP contact.
- Translate metrics into financial health.

## Lead-Deadwood Metrics

- Compare baseline LDRH readmissions with CP results.
- Compare baseline post ER visits with CP results.
- Translate metrics into financial health.

## Community Metrics

- Community participation
- Home safety assessment compliance
- CPR or other in-house educational activities provided

# *Lead-Deadwood Regional Hospital Community Paramedicine Program*



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