Community Collaborations Impacting Health Equity

The Delivering Change Model

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Delivering Change: Healthy Families, Healthy Communities

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Kansas Maternal Mortality Review

Kansas Department of Health & Environment

KPQC

Kansas Perinatal Quality Collaborative

Delivering Change

Healthy Families – Healthy Communities

Kansas Maternal Mortality Review Committee

objectives

1/ Delivering Change model

2/ Understand cross-system collaborations

3/ Impacts on local health equity

4/ 4th Trimester- Statewide model

5/ Recognize potential collaborative partners in your own communities

Delivering Change:
Healthy Families, Healthy Communities

Non- profit agency in Geary County aimed at reducing the morbidity & mortality of infants & women in our community.

Achieved through:

- Comprehensive & centralized care coordination
- Serving the community through the life progression

"Healthy moms make healthy babies, which creates a healthy family as a part of a healthy community."

Delivering Change History

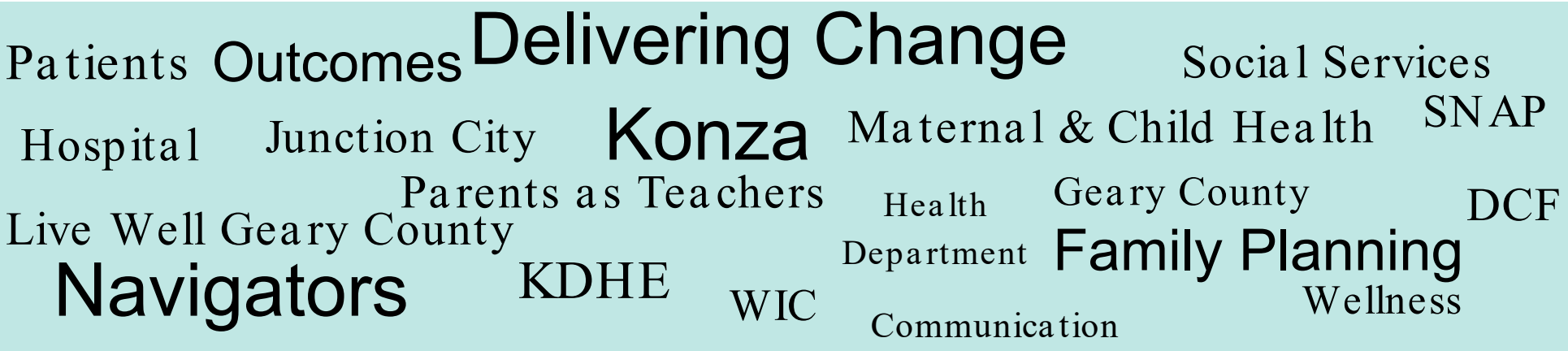
- 2011-IMR- 10.4/1000 live births (top 4 in the state)
- Geary County Perinatal Coalition- "call to action"
- Coalition grew into Delivering Change Model

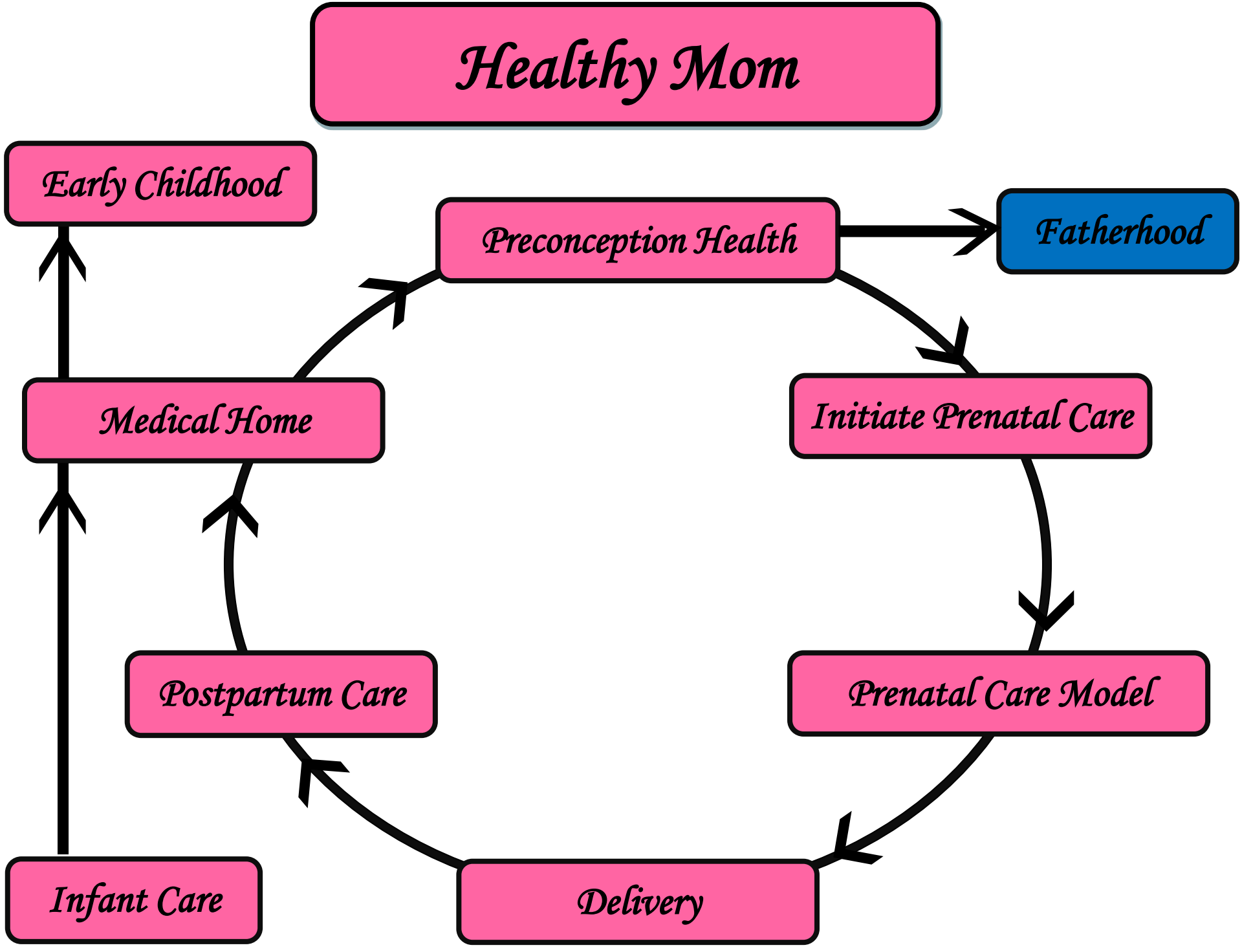
Delivering Change Model

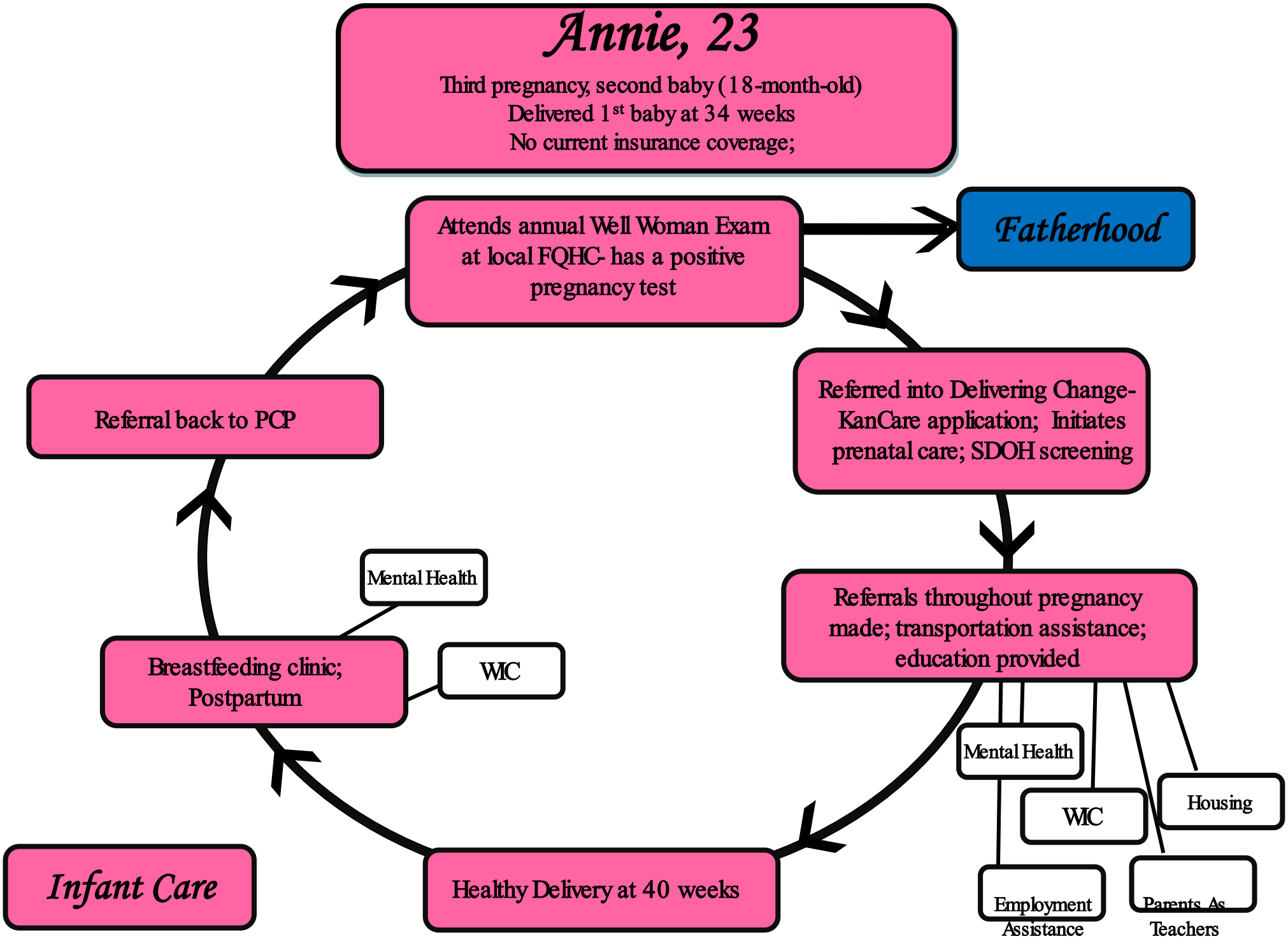
Collaborative Approach

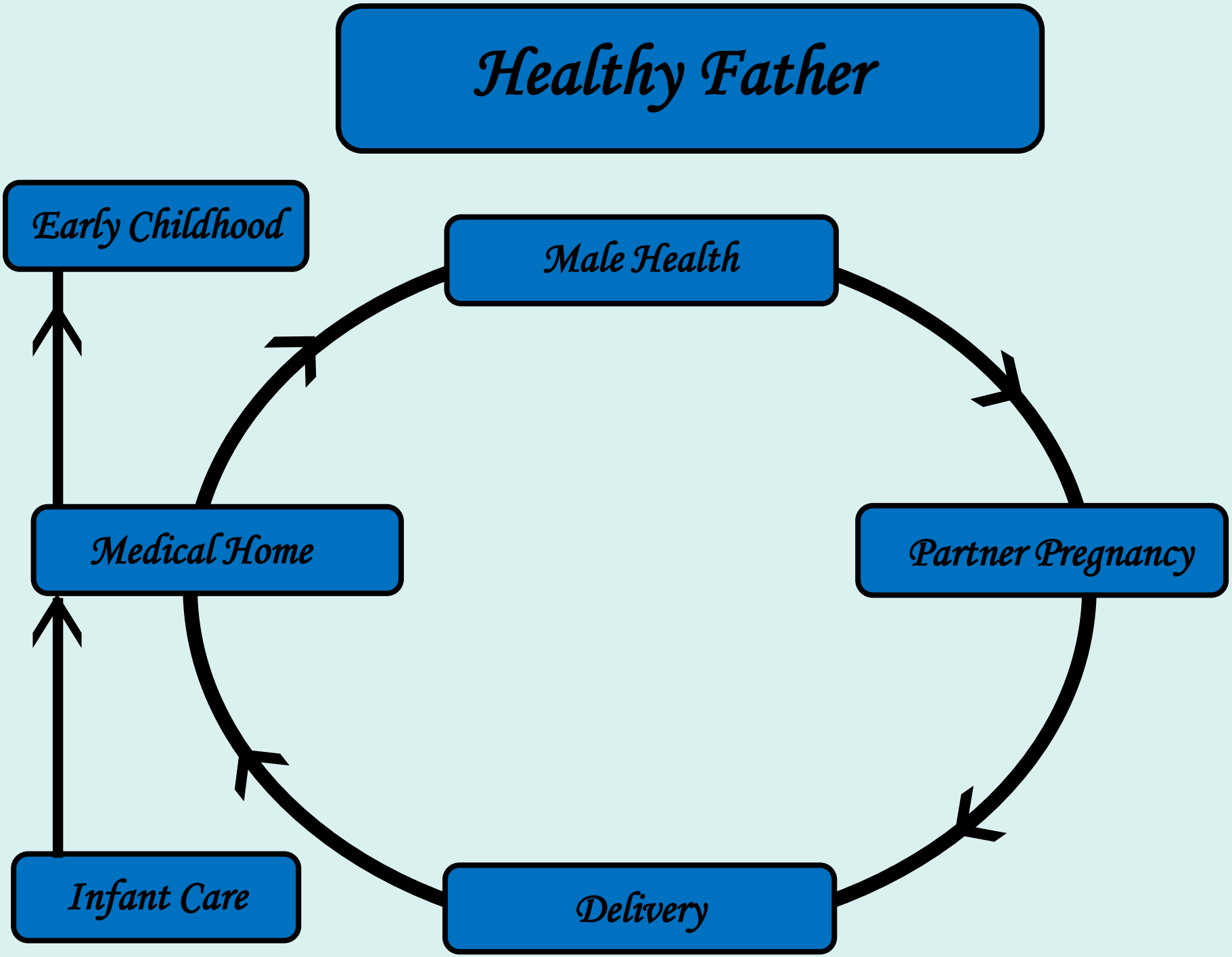
Cross-System collaboration

Integration across organizations, disciplines, & systems to improve patient services & outcomes



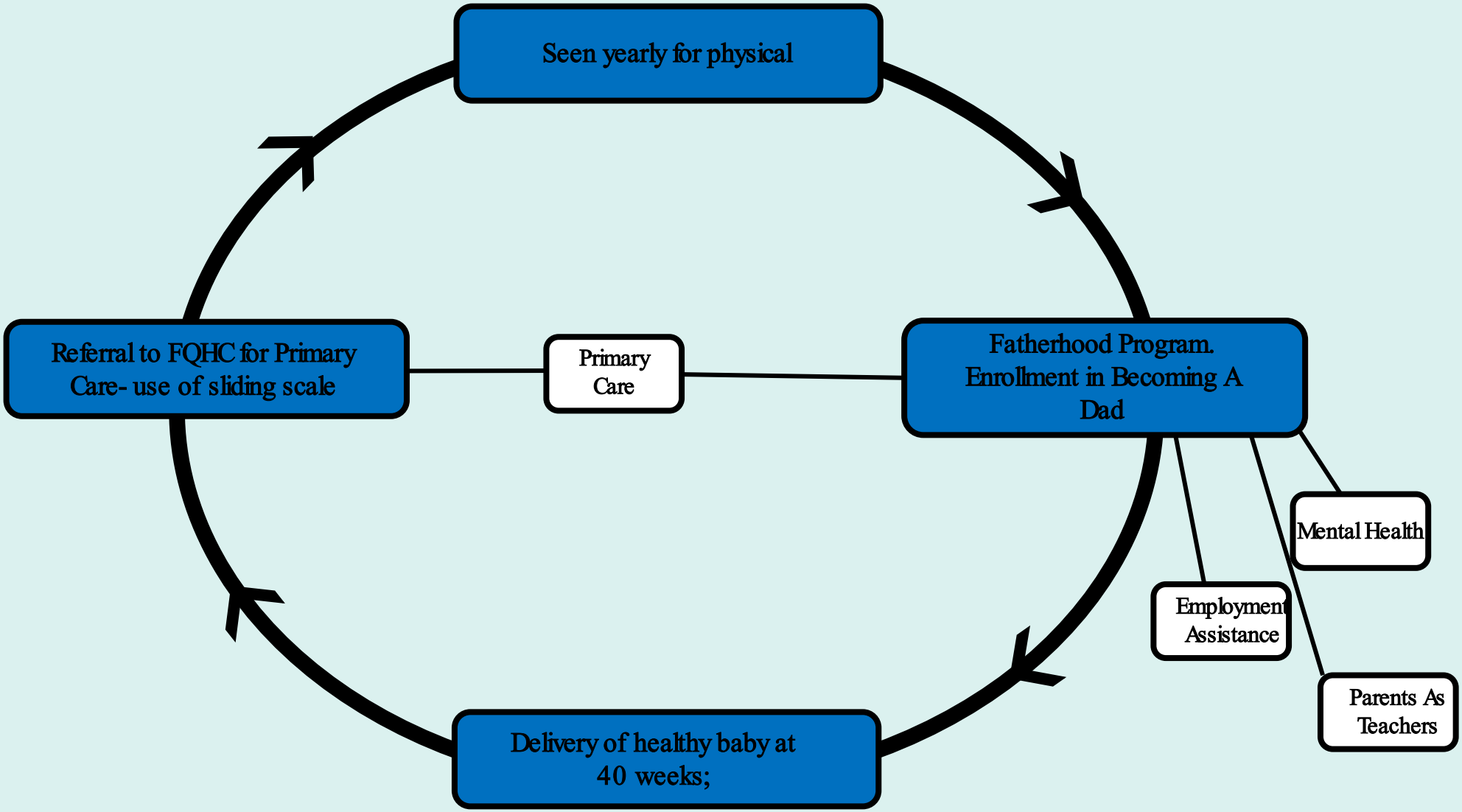

Healthy Mom
Early Childhood
Preconception Health
Fatherhood
Medical Home
Initiate Prenatal Care
Postpartum Care
Prenatal Care Model
Infant Care
Delivery

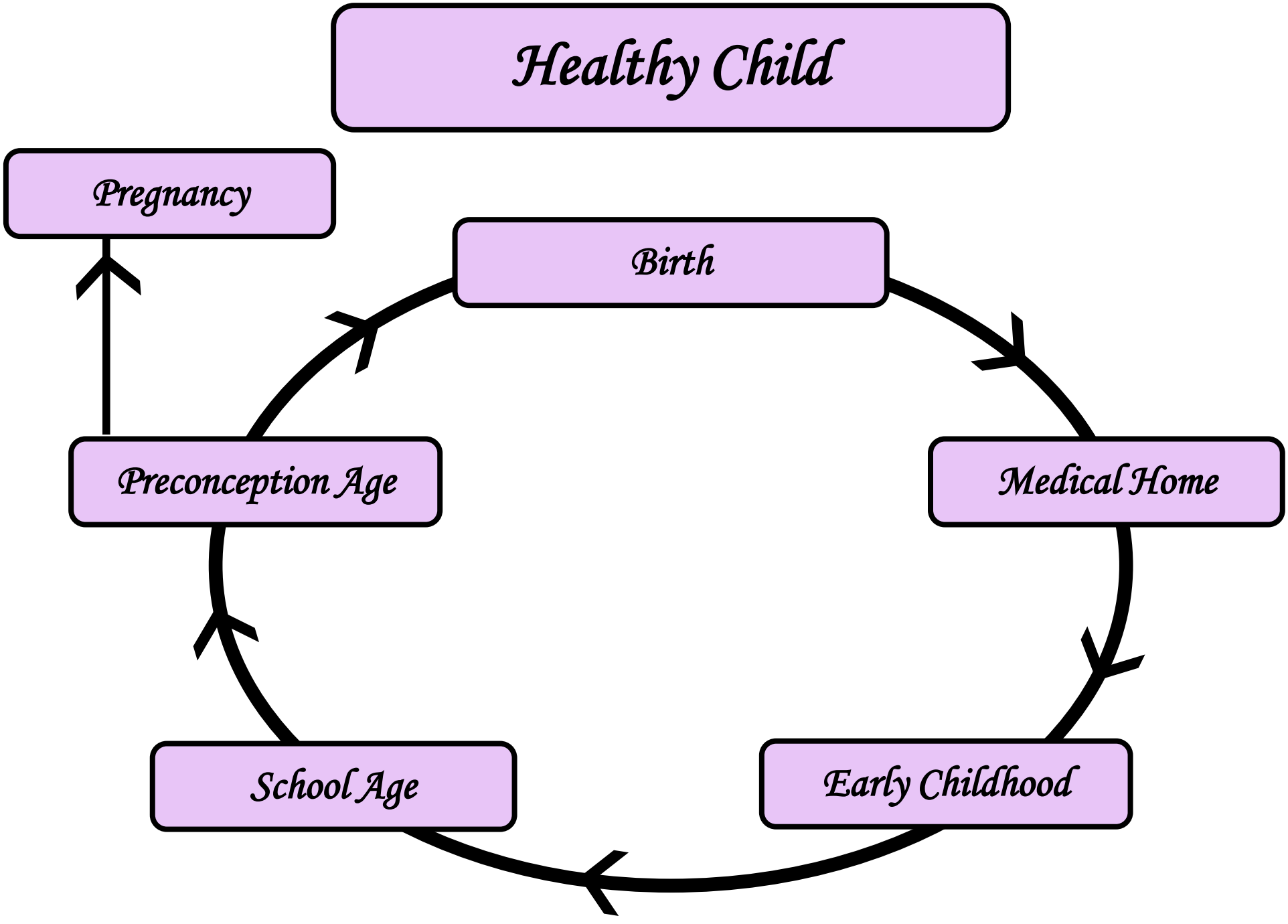

Annie, 23
Third pregnancy, second baby (18-month-old)
Delivered 1st baby at 34 weeks
No current insurance coverage;
Attends annual Well Woman Exam at local FQHC- has a positive pregnancy test
Fatherhood
Referred into Delivering Change- KanCare application; Initiates prenatal care; SDOH screening
Referrals throughout pregnancy made; transportation assistance; education provided
Mental Health
WIC
Housing
Parents As Teachers
Employment Assistance
Healthy Delivery at 40 weeks
Infant Care
Breastfeeding clinic; Postpartum
Mental Health
WIC
Referral back to PCP

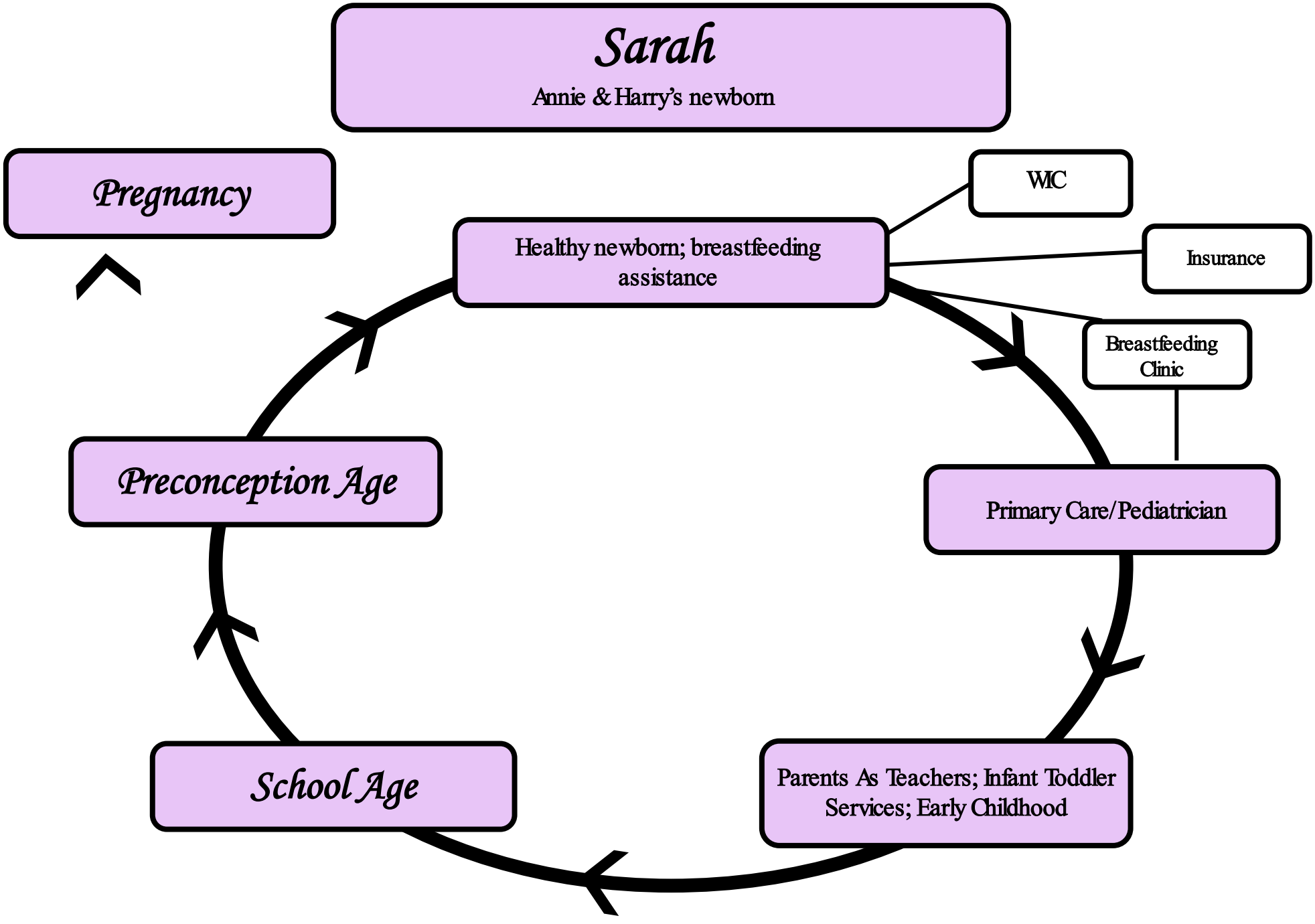

Healthy Father
Early Childhood
Male Health
Medical Home
Partner Pregnancy
Infant Care
Delivery

Harry, 25

Annie's partner; 1st time father;
looking for employment




Healthy Child
Pregnancy
Birth
Preconception Age
Medical Home
School Age
Early Childhood


Sarah
Annie & Harry's newborn
Pregnancy
WIC
Insurance
Healthy newborn; breastfeeding assistance
Breastfeeding Clinic
Preconception Age
Primary Care/Pediatrician
School Age
Parents As Teachers; Infant Toddler Services; Early Childhood

Impacts on Local Health Equity

Local Health Equity Impacts

Reduction of IMR

- 2011- **10.3/1000**
- 2022- **5.7/1000**

Prenatal Care Initiation

- 2011- **73%**
- 2020 - **76.3%**

Teen Pregnancy Rate

- 2011- **44.7**
- 2021- **23.1**

Local Health Equity Impacts

Reported cigarette use

- 2011- **18.9%**
- 2022- **6.2%**

Premature Birth Rate

- 2011- **10.8%**
- 2021- **10.2%**

Breastfeeding Rates

- 2011- **75.8%**
- 2021- **89.3%**

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Key KMMRC Recommendations

Based on 23 preventable pregnancy-related deaths, recommendations are as follows*:*

- **Patient education and empowerment**
- **Screen, brief intervention and referrals to treatment** (SBIRT) for:
  - **Comorbidities and chronic illness**
  - Intimate partner violence
  - Pregnancy intention
  - Mental health conditions (including postpartum anxiety and depression)
  - Substance use disorder - alcohol, illicit or prescription drugs
  - Social Determinants of Health
- Better **communication and multi-disciplinary collaboration** between providers, including referrals

Source: Kansas Maternal Mortality Review Committee Report, 2016-2020, (Preliminary Data, Subject To Change)

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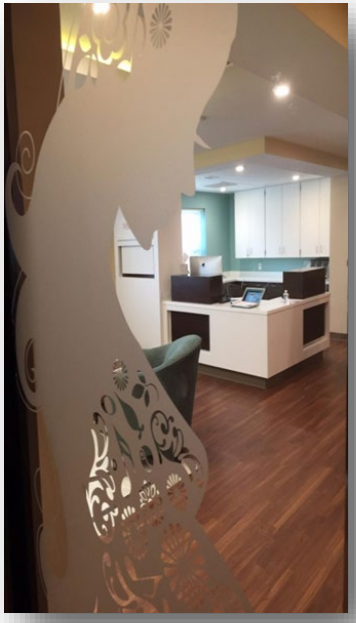
Who are we? 40 Birth Settings!



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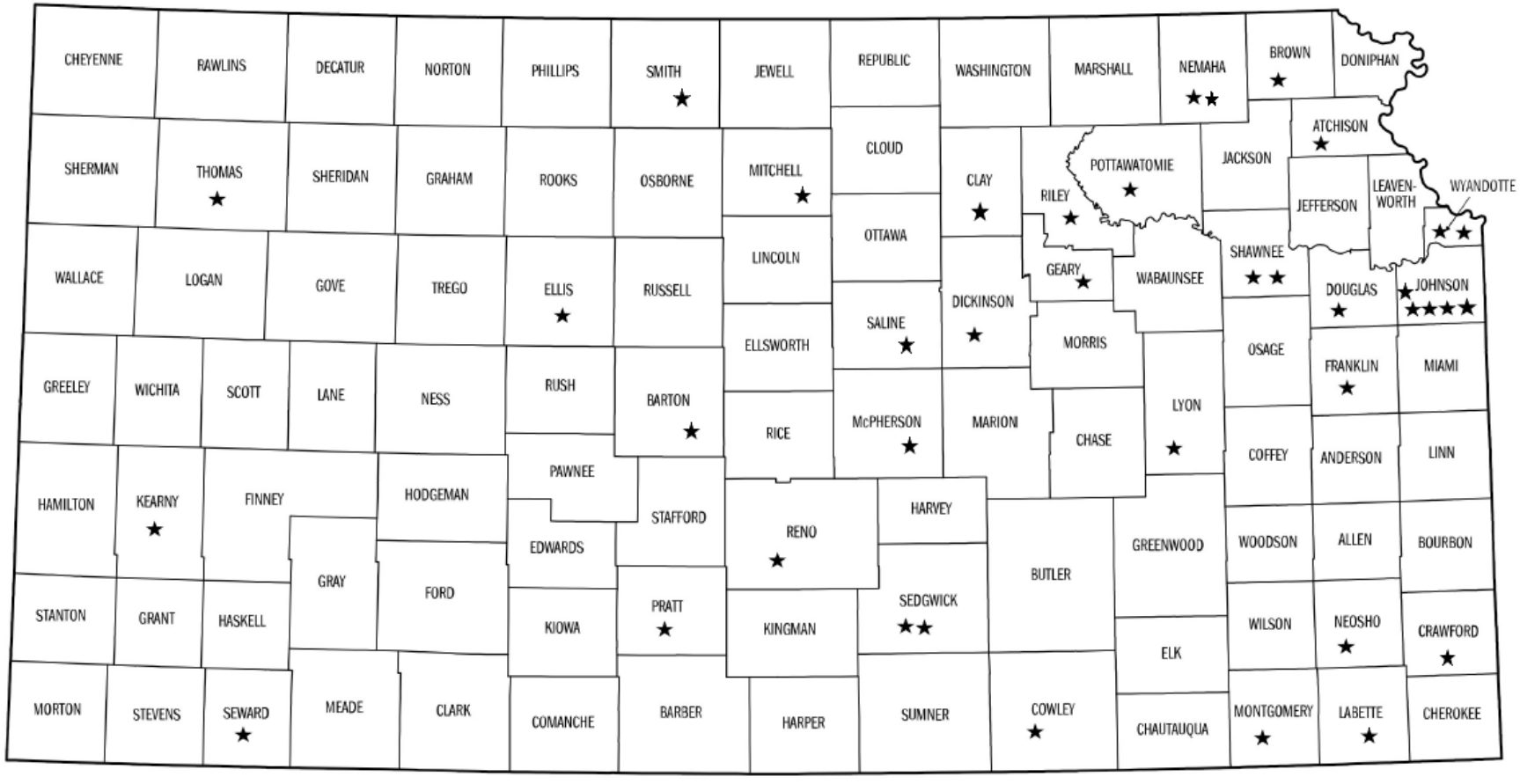

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Enrolled Hospitals = Impact **91**% of Kansas Births.

Facilities
AdventHealth Ottawa, Franklin Co.
AdventHealth Shawnee Mission, Johnson Co.
AdventHealth South Overland Park, Johnson Co.
Amberwell Atchison, Atchison Co.
Amberwell Hiawatha Community Hospital, Brown Co.
Ascension Via Christi Manhattan, Riley Co.
Ascension Via Christi St. Joseph, Sedgwick Co.
Ascension Via Christi Pittsburg, Crawford Co.
Citizens Medical Center, Thomas Co.
Clay County Medical Center, Clay Co.
Coffeyville Regional Medical Center, Montgomery Co.
Community Healthcare System, Pottawatomie Co.
Hays Medical Center, Ellis Co.
Hutchinson Regional Medical Center, Reno Co.
Kearny County Hospital, Kearny Co.
Labette Health, Labette Co.
Lawrence Memorial Hospital, Douglas Co.
McPherson Center for Health, McPherson Co.
Memorial Health System, Dickinson Co.
Mitchell County Hospital Health System, Mitchell Co.
Nemaha Valley Community Hospital, Nemaha Co.
Neosho Memorial Regional Medical, Neosho Co.
Newman Regional Health, Lyon Co.
Olathe Medical Center, Johnson Co.
Overland Park Regional Medical Center, Johnson Co.
Pratt Regional Medical Center, Pratt Co.
Providence Medical Center, Wyandotte Co.
Sabetha Community Hospital, Nemaha Co.
Salina Regional Health Center, Saline Co.
Smith County Memorial Hospital, Smith Co.
Southwest Medical Center, Seward Co.
Stormont Vail Health Flint Hills, Geary Co.
Stormont Vail Health, Shawnee Co.
University of KS Health System Great Bend, Barton Co.
University of KS Health System KC, Wyandotte Co.
University of KS Health System St. Francis, Shawnee Co.
Wesley Medical Center, Sedgwick Co.

Birth Centers
New Birth Company Overland Park, Johnson Co.
Sunflower Birth & Family Wellness, Cowley Co.

Postpartum Discharge Transition
Bundle-In Development

FOURTH TRIMESTER INITIATIVE

The NEW Postpartum Model

Educate, Screen, Refer

In EVERY patient, EVERY Birth Setting, EVERY Protocol

- ✓ Maternal Warning Signs
  - POST-BIRTH Education and Recognition
  - ED/EMS Triage (Universal question)
- ✓ Maternal Mental Health
- ✓ Structural and Social Determinants of Health
- ✓ Postpartum Appointment Scheduled Prior to Discharge (Within 3 weeks)
  - Family Planning
  - Primary care/specialty care for chronic health conditions
- ✓ Breastfeeding
- ✓ Postpartum Care Team
  - Patient at the center
  - Utilize navigation- warm referrals/connections
  - Connection to community services (MCH, Title X, Home Visiting, CHW, Safety Net Services)

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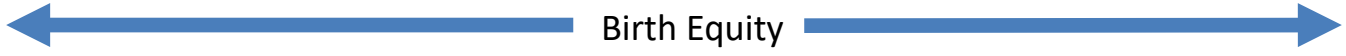
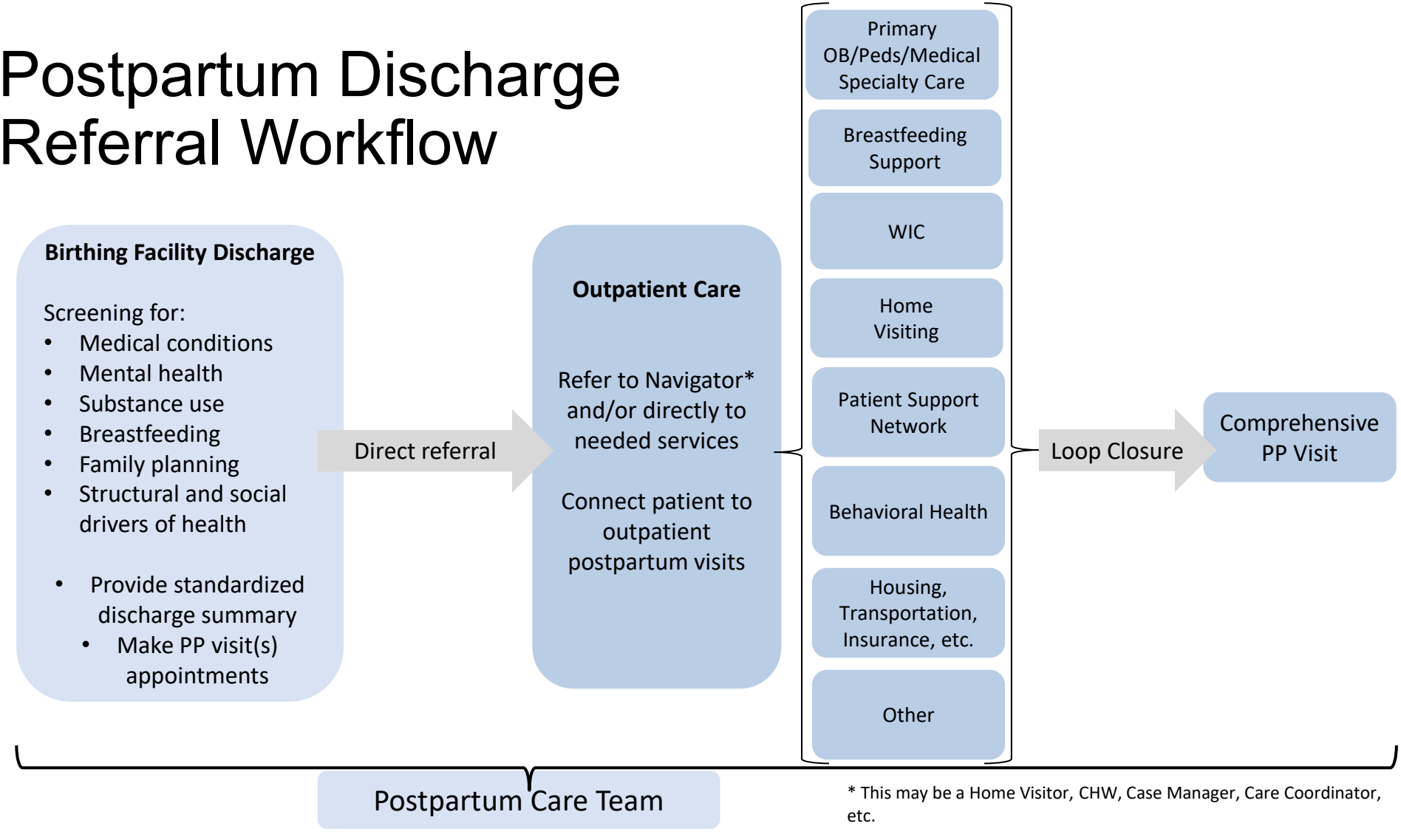
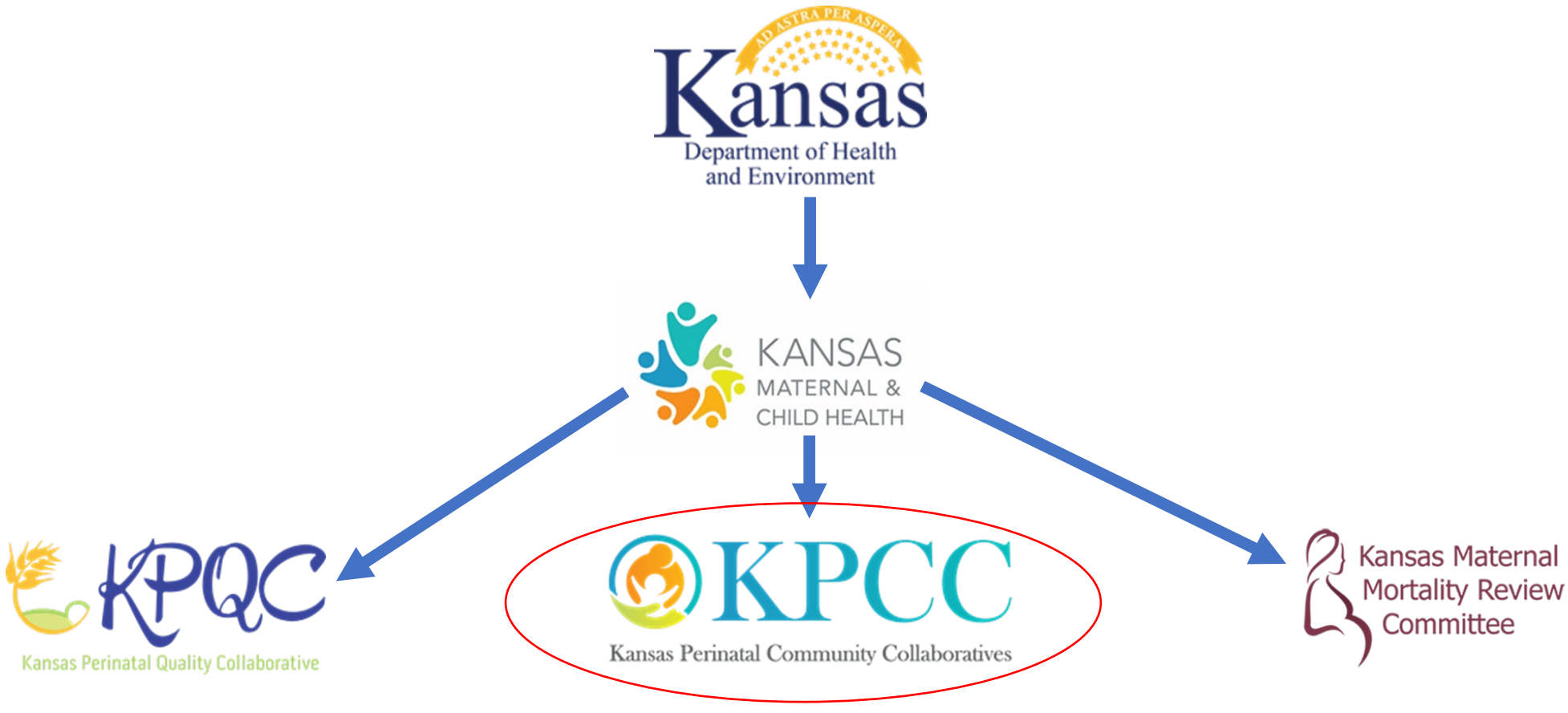


Postpartum Discharge Referral Workflow



* This may be a Home Visitor, CHW, Case Manager, Care Coordinator, etc.



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Community Support for Positive Clinical Outcomes

- Prenatal Education
- Community Health Workers
- Home Visiting
- Birth and Postpartum Doulas

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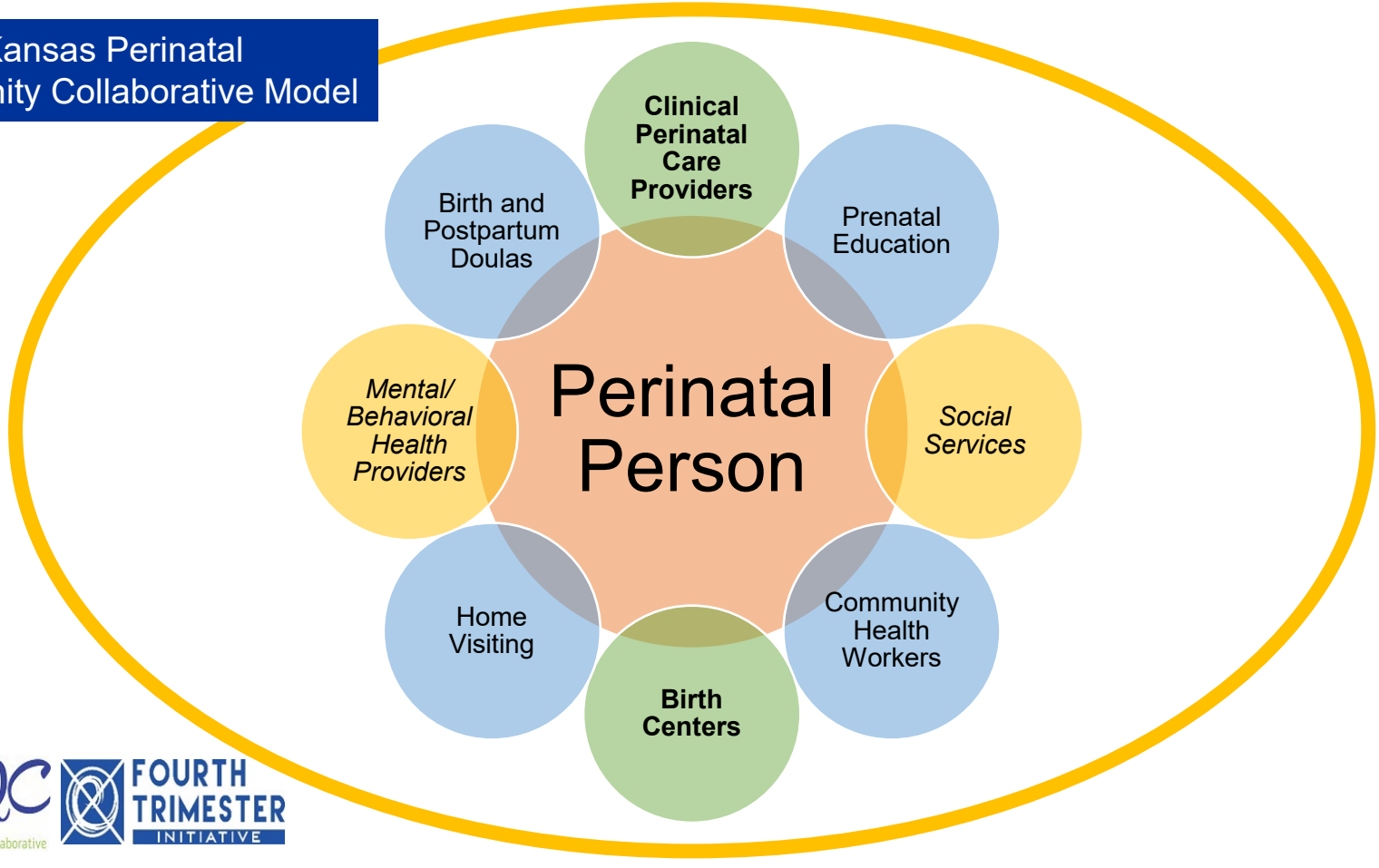
Community Support for Positive Clinical Outcomes

Kansas Perinatal Community Collaborative Model



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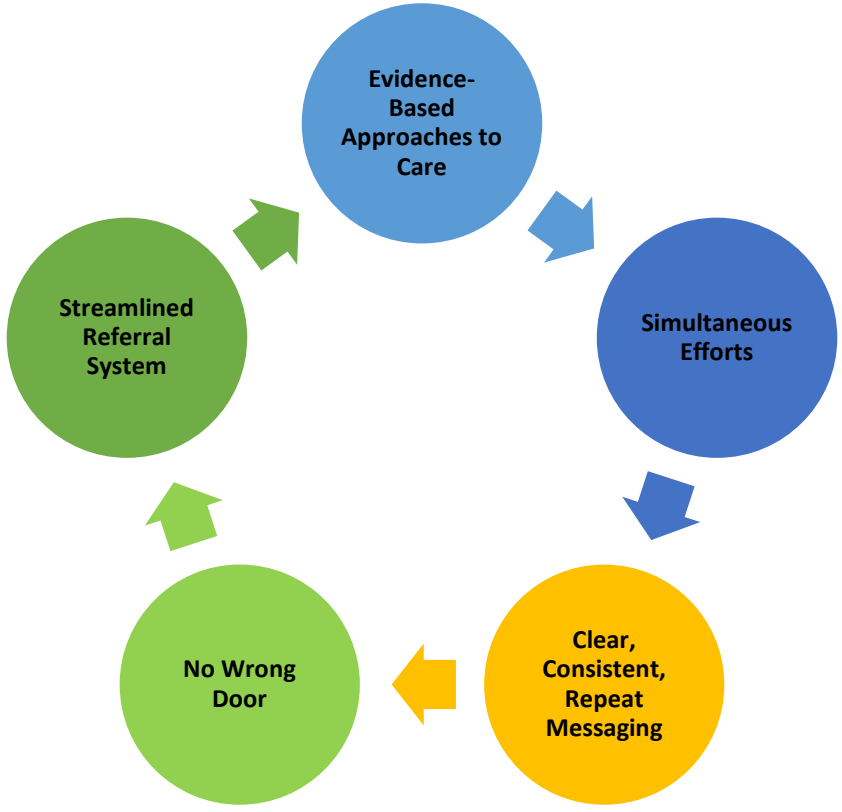

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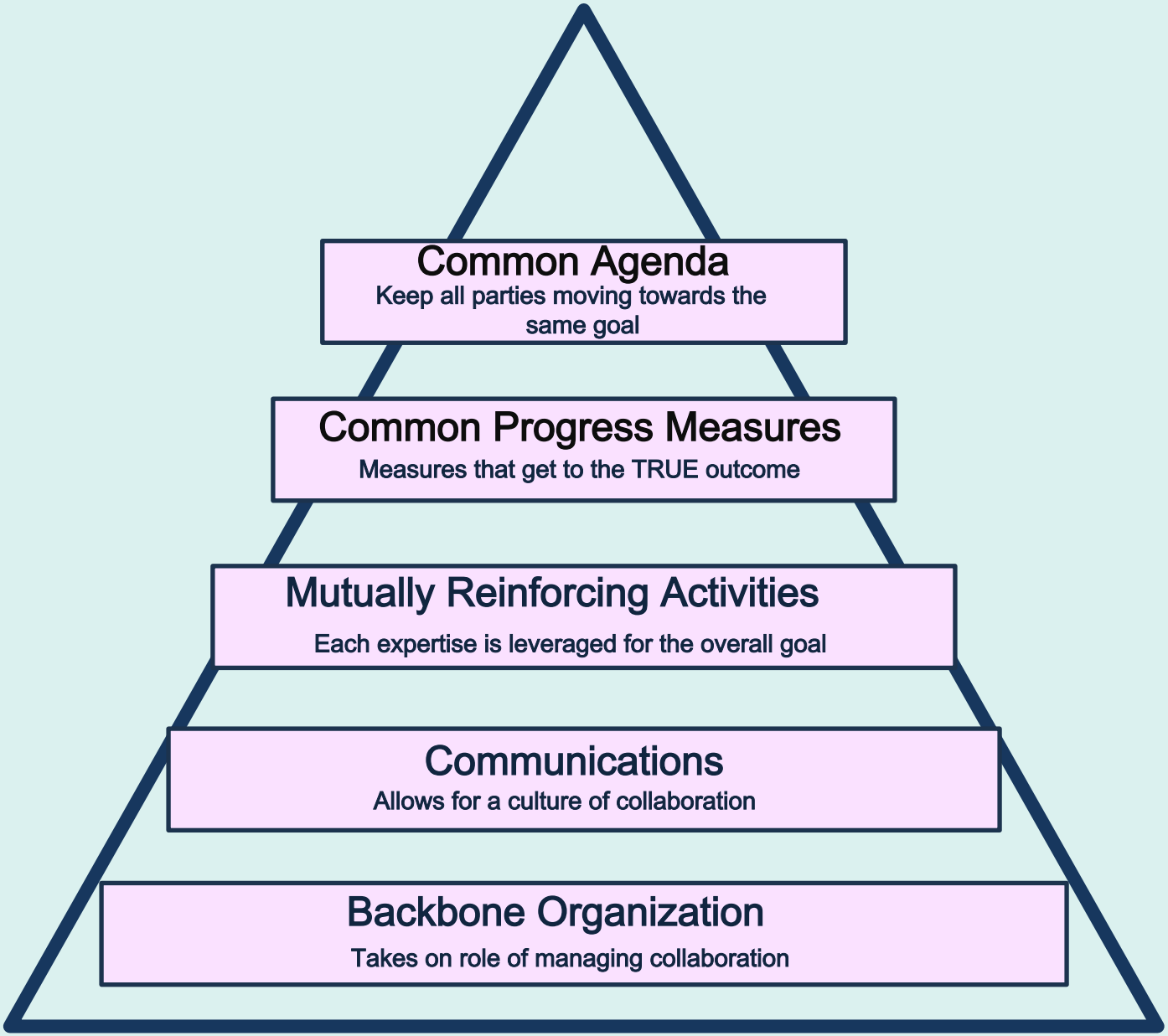
What would this look like in your community

Collective Impact Approach



Starting your Community Coalition

First……

- Identify “Lead” organization to function as backbone, responsible for convening meetings and communication
- Identify and invite all relevant stakeholders across disciplines: medical, social, educational, civic organizations, foundations and business
- Gather county and/or community level data: Vital Statistics Annual Summary, Community Health Needs Assessment; State and Federal Data
- Identify YOUR community's health equity need(s)

Starting your Community Coalition

Then…..

- Leverage existing resources and programming in the community. Who is funded to provide what services? What can be built upon or expanded? Where do gaps still exist?
- Are there innovative ideas to help fill gaps? Can funding be realigned to help us reach these goals? Are there additional or expanded funding opportunities?

Final Goals…

- Service Coordination/Navigation: Do all agencies know what resources are available to those in the community? “No Wrong Door” policy; Do agencies know how to connect patients into services?
- Clear and Consistent Messaging Across Agencies: Making sure all “experts” are speaking the same language., across disciplines, around all important topics.
- Ongoing Education & Training: In order to deliver ongoing clear & consistent messaging across the community, EVERYONE must receive the same education and training
- Continuous Quality Improvement (CQI): A minimum annual review of county level data and assessment of progress toward community goals

Contact Information

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