

Objectives

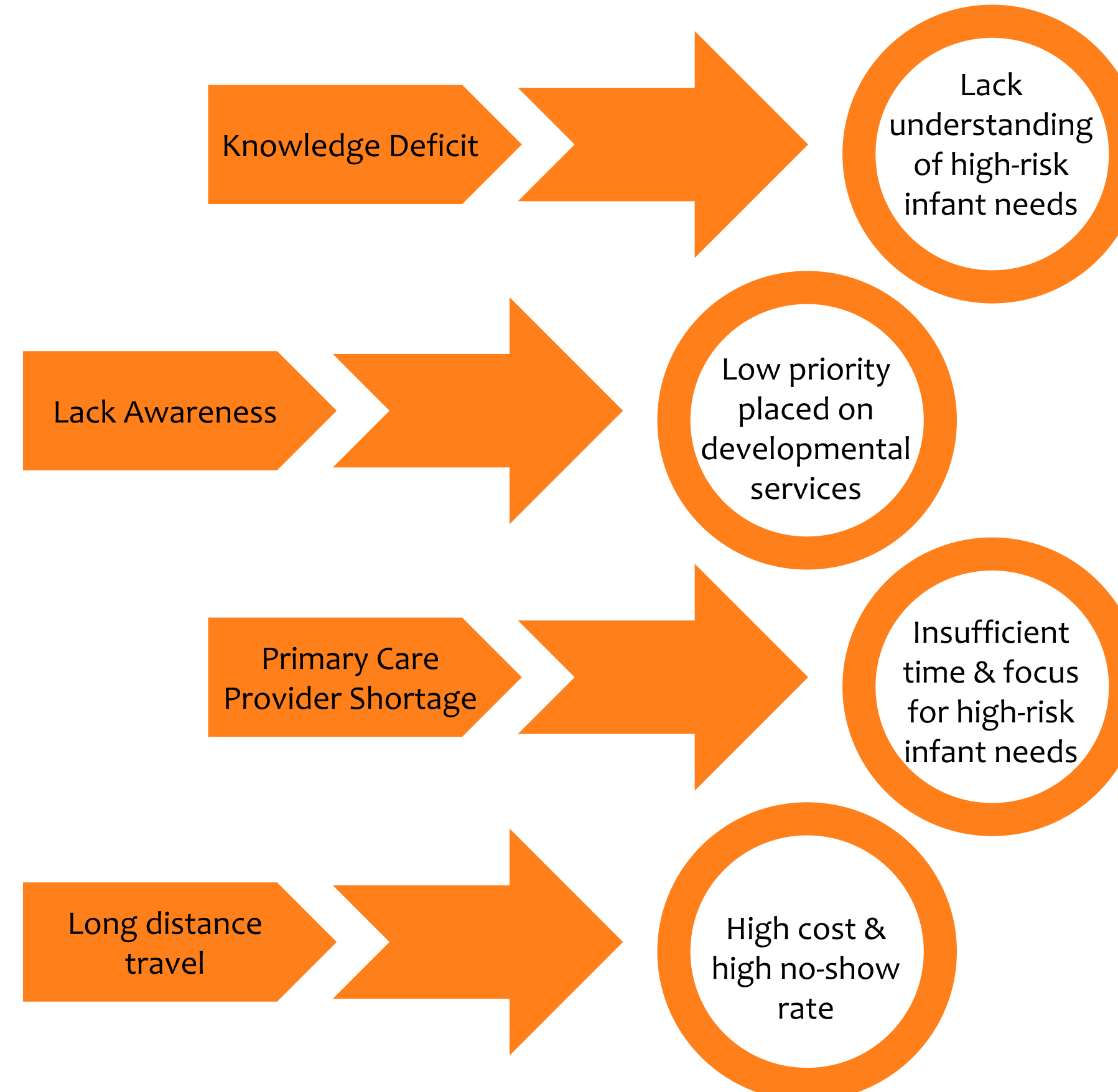


- Identify which infants qualify as a high-risk infant (HRI) and conditions they are at increased risk of developing.
- Indicate the importance of neurodevelopmental follow-up and specify necessary services for HRIs.
- List essential elements and processes needed to build a nurse led High-Risk Infant Follow-Up Clinic (HRIFC).

Brighter Babies in Boomtown: Improving Neurodevelopmental Outcomes in Growing Rural Communities

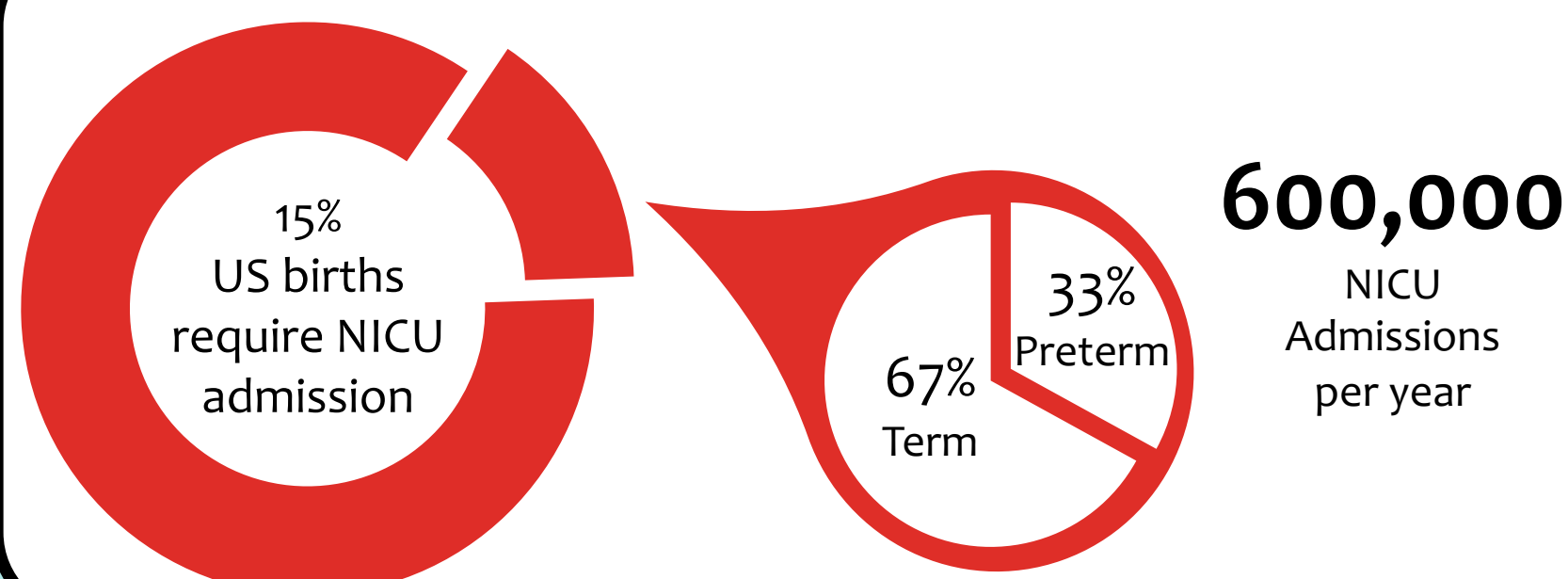


Growing Rural Communities – What is the problem?



Significance & Background

Statistical Significance



High Risk Infants – Who are they?

- Perinatal Risk Factors
 - Maternal infections
 - Maternal smoking
 - Maternal alcohol consumption
- Postnatal Risk Factors
 - Low birth weight (< 1500 grams)
 - Congenital heart disease
 - Birth trauma/acute event
 - Genetic conditions
 - Environmental
- Premature Infants
 - < 32 weeks gestation at birth



Neurodevelopmental Deficits

- High risk infants have an increased risk for:
 - Autism Spectrum Disorder (ASD)
 - Cerebral Palsy (CP)
 - Attention Deficit Hyperactivity Disorder (ADHD)
 - Developmental Delays
 - Feeding Issues
- High risk infants have significantly lower scores in:
 - Reading
 - Spelling
 - Math



Dr. Amanda Hughes, DNP, APRN, RNC-NIC, NNP-BC, CPNP-PC



Email: Amanda.Hughes@TTUHSC.edu
Phone: (432) 703-5299
Mailing Address: 701 W 5th St Suite 3142
Odessa, TX 79763

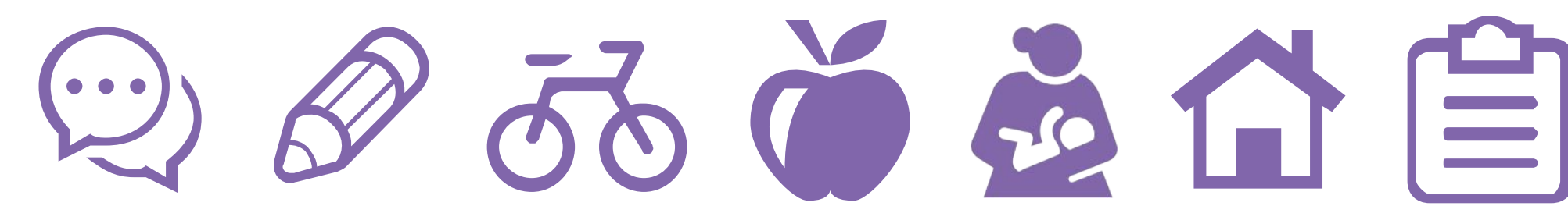
Handout, References, & Permissions



What is the solution? - HRIFC

Multidisciplinary Care

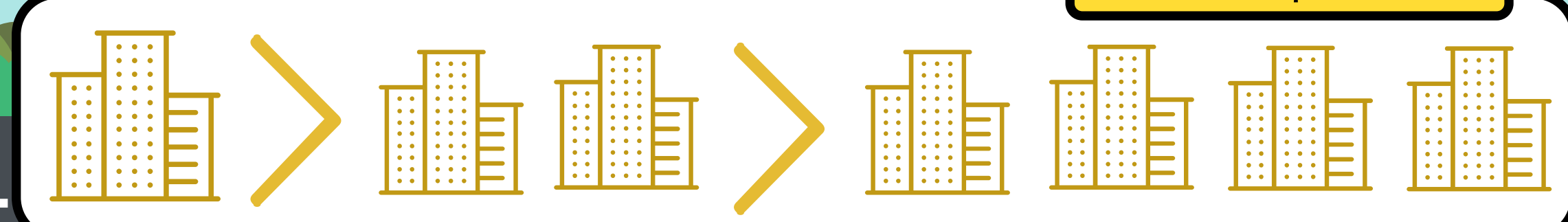
- Coordination of care between the infant's primary care provider, pediatric specialists, & providers at the follow-up clinic will improve neurodevelopmental outcomes.
- Periodic assessments until three years of age identify motor & cognitive impairments.
- Essential services to include:



Design & Implementation – Take Action!

- Business plan to organize essential elements & processes needed to build a nurse led HRIFC.
- Business plan elements:
 - HRIFC standards & guidelines
 - SWOT/T analysis
 - Partnership & contracts
 - Sustainability & limitations
 - Target market
 - Regulatory & legal aspects
 - Financial Assessments
 - Community assessment
 - Policy development
 - Quality & evaluation plan

Future Implications



Supporting Organization & Institution

