

Johns Hopkins IDEALS Institute

R-HOPE for Children and Families

An ecosystem approach to health, development, learning, and social services

Responsive Healthy Outcomes Promotion and Engagement (R-HOPE) is an app concept designed to benefit children and families by connecting and coordinating service with all of their care providers.

Why R-HOPE is needed

Research shows that a siloed approach to promoting healthy child development—treating sectors of child and family health, social services, child care, and education as independent services—undermines the benefits of each service and results in a costly, ineffective system of care.¹ Consequently, this approach harms children, especially those who are disadvantaged.

How R-HOPE can help

The **R-HOPE** app will directly connect families to their care team so they can easily communicate with their care providers. **R-HOPE** will also allow these providers to consistently coordinate communication with each other. The **R-HOPE** app does the following:

- ▶ Creates a “family-enabled” data-sharing system. Families will have complete control over who they can share data with as well as have access to support and services.
- ▶ Ensures that families and children have access to critical information about public health initiatives, are informed about preventative and wellness care, and are connected to providers and specialists who can deliver quality services.
- ▶ Coordinates comprehensive, two-generation service between support systems for young children and families, which are supported by mobile communication, training, and data-sharing tools.
- ▶ Integrates data to create links between support services, give service referrals, and provide a platform for communication between families and service providers.
- ▶ Features an interface to allow professionals to monitor results specific to children and families as well as issue referrals for additional medical needs.
- ▶ Expeditiously collects, stores, and analyzes information across platforms, including electronic health records resulting from screenings and referrals while maintaining regulatory and industry-leading security measures.
- ▶ Supports data collection and progress monitoring, including the impact of current interventions to determine individual and community health needs.
- ▶ Enables effective organizational and governance structures and connects multiple agencies and initiatives through data-sharing and cross-team communication.

Your support can turn the R-HOPE concept into a reality.

¹ Hardin, L., Trumbo, S., & Wiest, D. (2019). Cross-sector collaboration for vulnerable populations reduces utilization and strengthens community partnerships. *Journal of Interprofessional Education & Practice*, 100291. doi: 10.1016/j.xjep.2019.100291

Wiesman, J. (2018, July 25). A Community Wellness Vision that Upends the Siloed Status Quo - Public Health / Health System Coordination. Retrieved from <https://catalyst.nejm.org/community-wellness-vision-siloed/>.

² Webber, E. C., Brick, D., Scibilia, J. P., & Dehnel, P. (2019). Electronic Communication of the Health Record and Information With Pediatric Patients and Their Guardians. *Pediatrics*, 144(1). doi: 10.1542/peds.2019-1359

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R-HOPE for Children and Families Coordinated Care Model

Connecting electronic health records reduces paperwork and streamlines communication between medical providers while creating shared data ecosystems between two-gen medical, child care and education, and social services providers. This aligns with the American Academy of Pediatrics' most recent recommendations on communication of health data.²

Prenatal care providers

- ▶ OB/GYN/midwives
- ▶ GP (medical/dental)
- ▶ Mental health
- ▶ Birth educators/doulas
- ▶ Hospitals/birth centers

Postnatal care providers

- ▶ OB/GYN/midwives
- ▶ Nurses/Home visits
- ▶ Urgent care
- ▶ GP (medical/dental)
- ▶ Mental health
- ▶ Specialists

Direct data exchange interfaces gives critical, but often unnoticed, points of contact with families and gives them an essential voice in the care model.

Family support providers

- ▶ Social workers
- ▶ Public/private agencies
- ▶ Religious organizations
- ▶ Support providers
- ▶ Legal
- ▶ Extended family

Improved child and family outcomes

- ▶ Consistent reinforcement of targeted strategies that promote child development recommended during any point of contact the family has with support providers.
- ▶ Seamless referral to additional services as needed, reducing complexity and reason for inaction.
- ▶ Coordination between all supports a family receives, reducing conflicting services and recommendations.
- ▶ Continuous progress monitoring through ongoing collection of multiple points of data around efficacy of strategies.
- ▶ Family-centric model where families have access to their support teams for questions and feedback.

Coordination and implementation team works with support agencies (Dept. of Health, Child Services, etc.). The team's goal is to encourage families to sign up for the **R HOPE** app and authorize data sharing. Families will use the app to recommend the best practices for families and children, monitor and update progress, send public health alerts, refer to other services, and communicate with family and cross system team members.

Child care providers

- ▶ Center-based
- ▶ Family care
- ▶ License-exempt (religious-based)
- ▶ Before/after school
- ▶ Informal/family care

Education providers

- ▶ Head Start/PreK (public/private)
- ▶ Public school (PreK-3rd)
- ▶ District specialists
- ▶ Private school/services

Specialist providers

- ▶ Early intervention
- ▶ Special education
- ▶ Related services
- ▶ Therapeutic/private service providers

Leverage quality rating improvement systems and licensing requirements around family engagement as an enhancer for child care provider participation. QRIS provides credit to providers who actively adopt the **R-HOPE** model. Child care and early education providers are given direct recommendations of practices based on profiles of children in their program, which can ensure their success and bridge the knowledge gaps of medicine to maintain good health. Providers and educators are eligible to receive training and CEUs required for their certifications.

R-HOPE allows seamless referrals for service screenings by Child Find teams or other agencies as well as to other social services as needed.



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