

'Leveraging Health Information Systems to Minimize Lost-to-Follow-Up in Newborn Hearing Screening Programs'

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Health Information Systems

Digital systems with open data that comes from different sources and that is ethically used, through effective Information and Communication Technology tools, to generate strategic information for the benefit of public health.



Information Collected

- Hospital Discharge Summary
- At-Risk Indicators
- Current Demographic Information
- Primary Physicians/Attending Physicians
- Medical Appointments - Location, Physician, Medical Reason for Appt
- Upcoming appointments
- Lab/Test Results
- Other Guardian Information-Foster Care
- Other Conditions
- Insurance

Kansas Health Information System Sharing



Vital Records



Newborn Screening



Part C



WIC



Immunization



Kansas HIN



Medicaid





Office of Vital Statistics

- Infant birth records
- Parent Information
- Newborn Screen results
- Birthing Facility Information
- PCP Information
- Death records



Newborn Screening

Lab import

- Collection Facility
- PCP



Part C- Early Intervention

- Enrollment Status
- IFSP Start date
- Projected IFSP Date
- Reason for no EI
- Exit Date
- Age of enrollment
- Alternate/A.K.A./Pre-Adoption Name
- Other referral sources and reasons for referral
- Confirm Parent Contact
 - (Mother, Father, Guardian, Foster, Adoptive)
 - obtain other phone numbers
 - email
- Insurance
- Deaf Blind
- Autism
- Services the child is receiving
- Hearing Screen results
- IFSP Information

WIC



- Status - Applicant, terminated, Ineligible, Active
- Clinic being seen at
- Parent Contact Information
 - Email, Reminder preference (Text, Email, Phone)
- Guardian, Caregiver
- PCP
- Siblings
- History Health Interview
 - PCP, Insurance,
- Upcoming appointments
- See and Make Notes
- Immunizations
- Referrals
 - Child Support Enforcement
 - TANF -Temporary Assistance for Needy Families
- Deceased

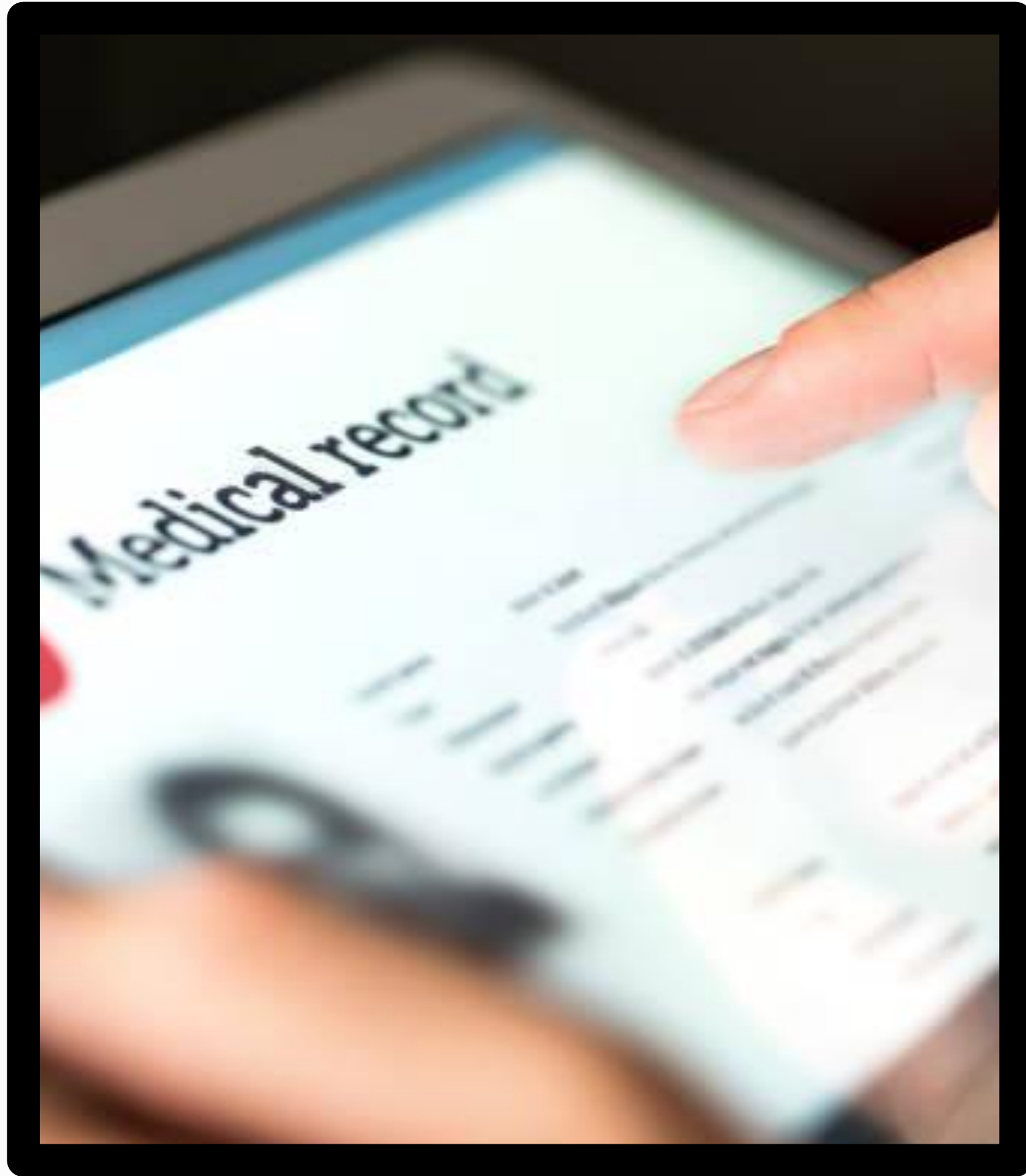


Immunization

- Child Demographic Information
- Insurance
- Parent Contact Information
- Immunizations Received
 - Provider, Clinic Contact, Phone
 - Date of Immunizations
- Recommended Immunizations and age of child

Kansas Health Information Network

- Child Demographic Information
- Insurance
- Parent Contact Information
- Hospital Discharge Summary
- PCP Progress Notes
- Labs
- Procedures/Diagnoses
 - CMV
 - Refusals.
 - Specialty referrals
- Immunizations
- Medications



Medicaid

- Child Demographic Information
- Medicaid MCO - Sunflower, United, Healthy Blue
- Parent Contact Information
- Immunizations
- Appointments
- Clinics and PCP Information
- MOU with Medicaid MCO providers



Department for Children and Family

- Foster Parent Names
- Contact Information
- Provide Assistance if Foster Parents are not Following-Up

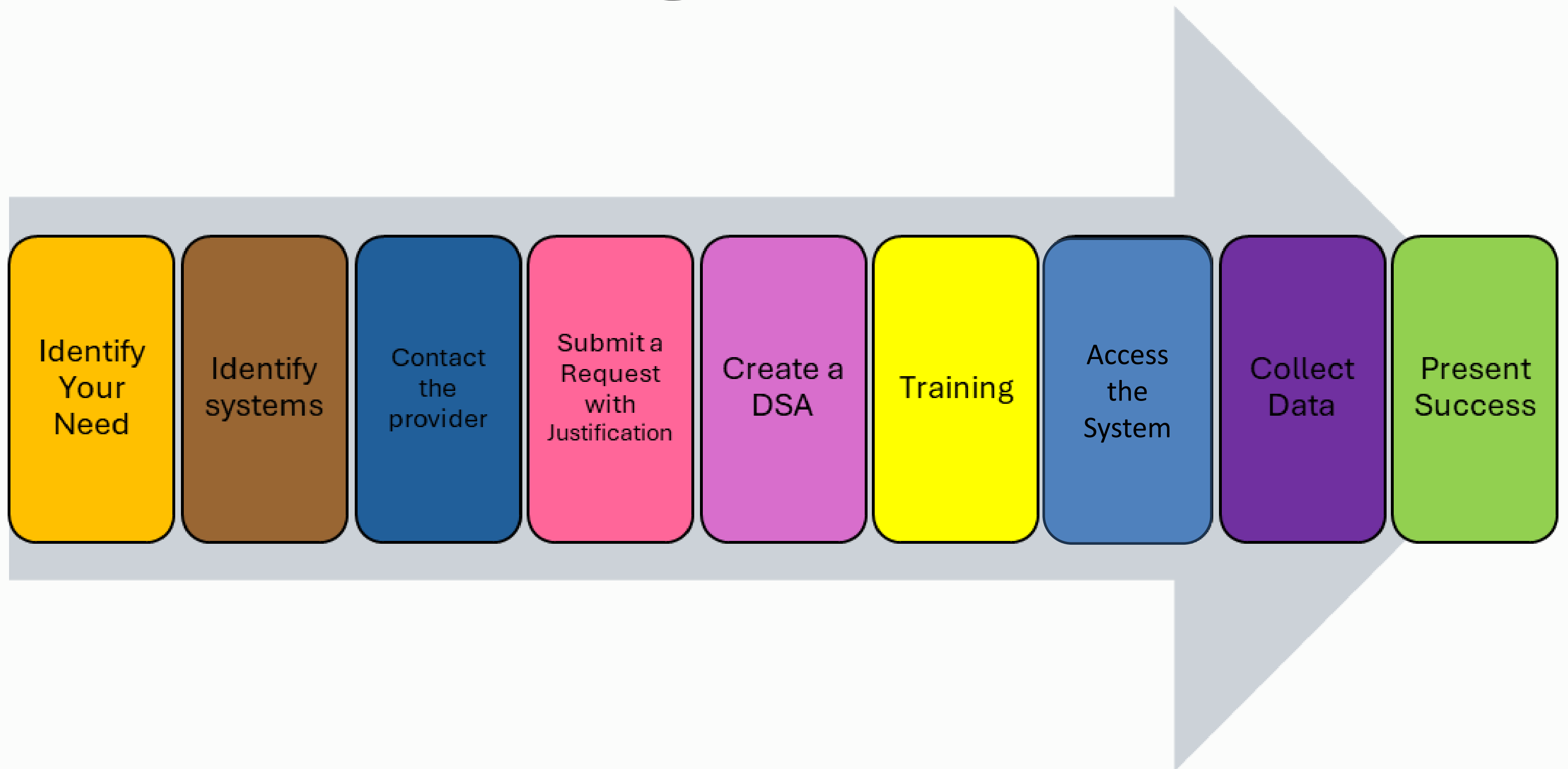


Other Information Systems

Social Media - Facebook, Instagram,
Snapchat



Getting Access



Advantages and Disadvantages of Health Information Systems



Advantages

- Improved Tracking and Data Management
- Timely Follow-Up
- Enhanced Coordination Across Providers
- Alerts or Notifications
- Instant Information at your fingertips



Disadvantage

Data in HIS is only as good as what is entered into that system.





Despite these challenges, the overall benefits of using HIS in newborn hearing screening outweigh the disadvantages



Never Give Up!!

Thank You!!

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