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Outcome data and summary for Nightingale Notes One Month Project:

Area of Focus: Newborn Home Visiting Program

Program Summary:

The Delaware General Health District (DGHD) recently initiated a Newborn Home Visit Program. This program is offered free of charge to all mothers and fathers of newborns, including adopted and foster infants, living in Delaware County. Parents who sign up for the program receive an in-home visit by a qualified Delaware General Health District registered nurse. Community goals for this program include:

- Improve home environment safety for infants and mothers.
- Identify maternal and infant health issues needing medical attention (e.g. feeding issues, maternal infections, and post-partum depression).
- Identify risk factors needing additional community resources for support of an optimal outcome for the mother and infant.
- Provide essential health education and anticipatory guidance on infant safe sleep environment, nutrition, safety, growth and development, and routine preventive medical care including immunizations.
- Prevent obesity for mother and child through education on the benefits of breastfeeding and healthy eating for mom.
- Capture data to support the need for post-partum newborn home visits as a best practice for potential community program funders

Since Sudden infant death syndrome (SIDS) is the leading cause of death for infants, and creating a safe sleep environment is proven to reduce the risk of SIDS, the Delaware General Health District is evaluating infants home sleep environments. At each Newborn Home Visit Program, our public health nurses conduct a pre and post KBS to assess the child's home sleeping environment.

Data obtained from Nightingale Notes using the following criteria:

- Program is equal to Newborn Home Visiting
- Activity date is between 6/15/2015 and 7/15/2015
- Age of client is less than 1 year

Using these criteria, seven Newborn Home Visit Clients were identified that had two KBS entries documented for:

Environmental/Residence-Living Area: Safe Sleep environment of Infant

- KBS on Surveillance; Teaching, Guidance & Counseling

Those fitting these criteria are client numbers: 639, 741, 842, 847, 875, 914, and 992.

Note: Client #'s 513 and 1037 are not included in this data. #513 only has one documented KBS and # 1037 will be included in the 3 month study since the 2nd KBS activity is dated 7/23.

KBS	Avg. Pre-test score	Avg. Post-test score	Increase
Knowledge	3.3	4.4	1.1
Behavior	3.9	4.9	1.0
Status	4.0	4.7	0.7

In addition, a report was generated to show the number of community referrals provided to address other identified client needs and are as follows:

Number of clients given referrals: 6

Number referred to WIC: 3

Number referred to postpartum support group: 3

Number referred to community resources: 1

Conclusion:

The KBS function of Nightingale Notes allowed the Delaware General Health District an easy, accessible way to evaluate our Newborn Home Visit Program. The results of this report shows that our public health nurses were able to better educate parents on how to create a safer home sleep environment for their infant thus ensuring better outcomes in the prevention of SIDS as a result of the program.