

Case Study: 2 Year Follow-up



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Case Study

Increasing data completeness for 2 Year Follow-up data

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Background: Prior to 2014, at our unit we only completed outcome forms in BadgerNet for babies for whom Bayley III 2 year assessments were performed. The NNAP 2014 Annual Report on 2013 data showed that we had only 5 babies for whom we had sufficient data for their level of impairment to be determined

Processes that were in place before 2014

1. Offered all children born at <32 weeks or with a birth weight <1250g (local network criteria) a Bayley Scales III developmental assessment in a fixed regular slot separate to the regular neonatal follow up clinic
2. Only completed outcome forms in Badger for babies for whom Bayley Scales III 2 year assessments were performed
3. Did not always complete all data fields in the BadgerNet 2 year follow up form resulting in fewer babies than anticipated being eligible for determination of their level of impairment
4. No attempt made to seek information on children who did not attend the Bayley Scales III assessment
5. No attempt to complete BadgerNet 2 year follow up form after attendance at neonatal follow up clinic aged 2 years



Credit: shutterstock

What we did:

- ✓ Increased flexibility in the timing of appointments including offering morning or afternoon options
- ✓ Reviewed all 2 year follow up forms in BadgerNet, including those for children who did not attend for Bayley Scales III assessment
- ✓ Assessors encouraged to complete all fields when entering data
- ✓ Used the electronic patient record to review the neonatal follow up clinic letters of children who did not receive a Bayley scales III assessment and used this to add information to the BadgerNet 2 year follow up form
- ✓ Asked colleagues seeing eligible babies in the neonatal follow up clinic to enter 2 year follow up data on the BadgerNet form even if they were expecting the child to attend for a Bayley assessment.

Screenshot of the 2-year follow up form on BagerNet.

Credit: Clevermed Ltd

What we have achieved:

The results of the quality improvement activities undertaken are shown below:

| Year | Number of eligible babies | Number of babies with no 2 year health data entered at all | Number of babies indicated as not having had a 2 year follow up consultation (for whatever reason) | Number of babies with details of health data entered from a 2 year follow up consultation |
|------|---------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 2013 | 24 | 2 | 17 | 5 (21%) |
| 2014 | 42 | 0 | 6 | 36 (86%) |
| 2015 | 46 | 2 | 9 | 35 (76%) |

In addition, for babies born between 1 July 2013 and 30 June 2014, whose 2 year follow up data will appear in the NNAP 2017 Annual Report on 2016 data, we have written to the health visitors of children who either failed to respond to the invitation to attend for a Bayley assessment or failed to attend the appointment for information on the developmental outcomes of these children.