

Bayley's Scale of Infant and Toddler Development Assessment (BSID)

Bayley's Infant and Toddler Developmental (BSID) assessment is carried out for all babies who are born preterm at gestational age of 30 weeks and less, at corrected age of 2 years, and preterm infants born at less than 28 weeks gestation, who will have further assessment at 4 years of age by the community paediatrician. The infants with hypoxic brain injury at birth will also undergo BSID assessment at 2 years. You and your child will be called for this assessment in the Outpatient Department at Lister hospital.

Your child will be assessed using the Bayley Scales of Infant and Toddler Development, Third Edition (Bayley–III/IV).

What is involved in the assessment of my child?

Your child will be asked to do several activities to see if their thinking, language, and moving (sitting, walking) skills are similar to children of his or her own age. Some of the activities your child will be asked to perform may seem very easy, while some of the activities may seem very hard. No child is expected to do well on every activity.

What does the Bayley–III/IV measure?

The Bayley–III/IV has three major parts that are tested with the child: **Cognitive**, **Language**, and **Motor**.

The Cognitive Scale looks at how your child thinks, reacts, and learns about the world around him or her.

- Children are given tasks that measure their interest in new things, their attention to familiar and unfamiliar objects, and how they play with different kinds of toys.
- They are assessed on how they solve problems, and their ability to complete puzzles.
- Children are given items that measure pretend play and activities, such as building with blocks, colour matching, counting, and solving more complex puzzles.

The Language Scale has two parts:

1. **The receptive communication assessment** looks at:
 - a. how well your child recognizes sounds, and how much your child understands spoken words and directions.
 - b. Toddlers are given items that ask them to identify pictures and objects, follow simple directions, and perform social routines, such as wave bye-bye or play peek-a-boo.
 - c. Preschool age children are asked to follow more complex directions, identify action pictures, and are given items that measure his or her understanding of basic grammar.

2. **The expressive communication assessment** looks at how well your child communicates using sounds, gestures, or words.
 - a. Toddlers are given opportunities to use words by naming objects or pictures and answering questions.
 - b. The children are also given the opportunity to use words and to answer more complex questions.

The Motor Scale has two parts:

1. **The fine motor assessment** looks at how well your child can use his or her hands and fingers to make things happen.
 - a. Toddlers are given the opportunity to demonstrate their ability to perform such tasks as stacking blocks, drawing simple shapes, and placing small objects such as coins in a slot.
 - b. The children are asked to draw more complex shapes, build simple structures using blocks, and use scissors to cut paper.
2. **The gross motor assessment** looks at how well your child can move his or her body.
 - a. Toddlers are given items that measure their ability to crawl, make stepping motions, support their own weight, stand, and walk without assistance.
 - b. The children are given a chance to demonstrate their ability to climb stairs, run, maintain balance, kick a ball, and other activities requiring full body control or coordination.

What do the scores from the assessment mean?

The scores from the Bayley–III/IV help the assessment specialist decide if your child is progressing well or if your child is having difficulties in certain skill areas or with certain activities. Together with the assessment specialist, you will use this and other information to decide whether your child needs further assessment and how best to enrich your child's development and encourage your child's growth.

Will there be a report available after the assessment?

Yes, you will receive a detailed report of the assessment in the post after the appointment. We will also send the report to your GP. The report will include a detailed plan of referral to other allied professionals if required.

Useful contact details

East and North Hertfordshire Teaching NHS Trust:

- Website www.enherts-tr.nhs.uk
- Telephone 01438 314333

Neonatal Secretaries:

- Telephone 01438 285478 or 01438 284739
- Email - listerneonates.enh-tr@nhs.net

Leaflet information

You can request this information in a different format or another language; please speak to your doctor or nurse.

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