

Patient information factsheet

Tongue-tie

This factsheet explains what tongue-tie is, what the implications of tongue-tie are for both you and your baby, and what treatment options are available. We hope it will help to answer some of the questions you may have. If you have any further questions or concerns, please speak to a member of your healthcare team.

What is tongue-tie?

Tongue-tie (ankyloglossia) is a condition that restricts the movement of a baby's tongue.

The underside of the tongue is connected to the floor of the mouth by a piece of tissue known as the lingual frenulum. In babies with tongue-tie, the frenulum is thicker and/or tighter (shorter) than usual. This restricts the movement of their tongue and can cause problems with feeding. Tongue-tie can involve the entire underside of the tongue or just part of it.

Tongue-tie is thought to affect approximately one in ten (10%) babies and is more common in boys than girls. About half of babies with a tongue-tie have someone else in the family who also has one.



Signs and symptoms of tongue-tie

Tongue-tie is not routinely assessed for at birth and is usually only identified if there are problems with feeding (breastfeeding and/or bottle feeding).

For some babies, the effects of tongue-tie will be quite mild. For others, tongue-tie can make feeding extremely difficult. We have listed some of the common signs of tongue-tie to look out for in the table on the next page:

Method of feeding	Baby's symptoms	Mother's symptoms
Breastfeeding	<p>Your baby may:</p> <ul style="list-style-type: none"> • have difficulty attaching to the breast and/or staying attached • feed for a long time, have a short break and then feed again • be unsettled and appear to be hungry most of the time • not gain weight as quickly as they should • be very 'windy' with excessive hiccups and flatulence • have difficulty controlling the milk flow (coughing and choking) • make clicking noises when feeding 	<p>You may:</p> <ul style="list-style-type: none"> • have sore and damaged nipples • not produce enough milk • get mastitis (inflammation of the breast) more than once • feel exhausted from frequent feeding and having an unsettled baby
Bottle feeding	<p>Your baby may:</p> <ul style="list-style-type: none"> • take a long time to feed • only take a small amount of milk at each feed • dribble a lot during the feed • be very 'windy' • not gain weight as quickly as they should 	<p>You may:</p> <ul style="list-style-type: none"> • regularly spend a long time feeding your baby • find that changing the bottle teat does not help

You and your baby may experience some or all of these symptoms, so it may not be obvious that they have tongue-tie.

Understanding why your baby is experiencing difficulties with feeding

Breastfeeding

Your baby may find it difficult to latch on to your breast if:

- they are not able to open their mouth wide enough
- their tongue is unable to cover their lower gum
- the movement of their tongue during suckling differs from their usual rhythmical pattern

If your baby is unable to latch on successfully, they may begin to nipple feed rather than breastfeed. This prevents them from taking the milk from your breast efficiently and it also causes damage to your nipples.

Bottle feeding

Your baby may find it difficult to create a seal around the teat. This may cause their suck to be inefficient and the feed to take longer. Your baby may also dribble a lot of milk out of the sides of their mouth.

If you are concerned about your baby's feeding and think they may have tongue-tie, please speak to your midwife or health visitor. They will be able to arrange an appointment with a tongue-tie specialist midwife. Alternatively, you can arrange an appointment for a feeding assessment by telephoning the maternity infant feeding team on **07786 267584**. These clinics are able to assess babies up to six weeks of age. After this time, please contact your health visitor, who will be able to refer you to a clinic specifically for older babies.

Assessing the severity of your baby's tongue-tie

Wherever possible, an assessment of the severity of your baby's tongue-tie will take place during the first few days after they are born. You will be given an appointment with a 'tongue-tie specialist midwife' for a feeding assessment. Please bring your midwifery notes and/or your baby's red book with you to this appointment. If possible, please try not to feed your baby during the two hours before your appointment. This helps ensure they are hungry when you arrive for your appointment.

Treating tongue-tie

If your baby has tongue-tie but can feed without any problems, they may not need treatment. However, if their feeding is affected, a simple procedure called tongue-tie release (frenulotomy) may be necessary.

University Hospital Southampton NHS Foundation Trust will only recommend treatment if you and your baby are having feeding problems. If your baby is feeding well and a feeding assessment confirms that your baby's tongue is able to move normally, immediate treatment may not be necessary. However, it is important you are aware that problems with feeding may arise later on. Please do not hesitate to seek re-assessment if feeding problems occur at a later date.

Tongue-tie release (frenulotomy)

Tongue-tie release is a very simple procedure, particularly in babies under six months of age. The procedure only takes a few seconds and doesn't involve an anaesthetic (medicines used to numb sensation in certain areas of the body or induce sleep). Babies are likely to cry immediately after the procedure, although the majority of babies cry for less than a minute.

The use of tongue-tie release to improve feeding is supported by the National Institute of Clinical Excellence (NICE). It is considered a safe and simple procedure which demonstrates significant improvements in feeding, particularly breastfeeding, where a reduction in nipple pain and an improved ability to latch on to the breast has been consistently identified.

Before the procedure

If we recommend that your baby has the procedure, we will discuss it with you in more detail and ask for your consent.

Your baby must have had either the Vitamin K injection or the second dose of oral drops (if they are having oral Vitamin K) more than 24 hours before the procedure.

You will also need to confirm that your baby is fit and well with no known medical conditions at the time of their feeding assessment. If you or your baby's father has a blood clotting disorder, or there is a family history of blood clotting disorders, please discuss this with us before your appointment, if possible.

During the procedure

- We will wrap your baby securely in a blanket and hold them gently to keep their head still. Some babies may not like this.
- We will then release the tongue-tie using sterile, round-ended scissors. We will then apply some pressure under your baby's tongue to stop any bleeding using a piece of sterile gauze. There will usually only be a few drops of blood.
- Once we have released the tongue-tie, we will unwrap your baby and encourage them to feed straight away. This will help your baby's tongue to move and may prevent the tongue-tie from re-fusing.

You may remain with your baby for the duration of the procedure or, if you prefer, your midwife can take your baby to a separate room.

We will support you to feed your baby after the procedure. We will also discuss a management plan with you to help you with your ongoing feeding experience.

The decision to have your baby's tongue-tie released is a personal one. If you choose not to have the procedure, we will continue to give you feeding support. If at a later date you are concerned about your baby's feeding, please contact your health visitor or general practitioner (GP). They can refer you for another tongue-tie assessment.

After the procedure

A small white blister may develop under your baby's tongue in the first couple of days after the procedure. As far as we can tell, this is painless and does not interfere with feeding.

Your baby may be fussy and unsettled for a few days after the procedure. It may also take a few weeks before your baby is fully comfortable when feeding.

Occasionally, the procedure may not improve a baby's ability to feed.

For more information, please read the 'Tongue-tie release aftercare advice' factsheet and the 'Tongue-tie release exercises' factsheet. We will give you a copy of each of these factsheets at the time of the procedure, but you can also download them from our website:

www.uhs.nhs.uk/maternity

Possible risks

As with any surgical procedure, there are some possible risks, but these are rare. Risks include:

- excessive bleeding
- infection
- ulcers
- pain
- damage to the tongue and surrounding tissues

Very occasionally, your baby's tongue-tie may reoccur if their frenulum re-fuses. This may be due to residual frenulum or the development of scar tissue. If this happens, your baby may need a further procedure.

We will explain these risks to you in more detail before you agree to the procedure.

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The future

Occasionally, tongue-ties can persist and while the majority of children have no difficulties with their speech, the presence of tongue-tie has been shown to influence the ability to pronounce certain sounds in some children. However, it is impossible to predict which children will be affected, or to determine whether treatment as a baby will prevent this.

Speech difficulties are usually noticeable by the time a child reaches three years of age. If you think your child's speech is affected or they are having problems caused by tongue-tie, contact your GP or health visitor and they will be able to refer your child to a speech and language therapist for an assessment.

Further information

Maternity infant feeding team

Lyndhurst ward
Princess Anne Hospital
Coxford Road
Southampton
SO16 5YA

Telephone: **07786 267584**

If the team are unable to answer your call, please leave a voicemail with your name, number and a short message, and a member of the team will aim to get back to you within 48 hours.

Community midwifery co-ordinator

Telephone: **023 8120 4871** (Monday to Sunday, 8am to 5pm)

Broadlands Birth Centre

Telephone: **023 8120 6012** (out of hours)

Useful links

NHS

Website: www.nhs.uk/conditions/tongue-tie

Association of Tongue-tie Practitioners

Website: www.tongue-tie.org.uk

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For help preparing for your visit, arranging an interpreter or accessing the hospital, please visit **www.uhs.nhs.uk/additionalsupport**