Breastfeeding and Breast Care

Please pack me in your hospital bag
Ten Steps to Successful Breastfeeding

KEMH is a Baby Friendly Health Initiative (BFHI) Accredited Hospital where a mother's informed choice of feeding is encouraged, respected and supported. BFHI accredited hospitals follow the Ten Steps to Successful Breastfeeding.

1. Have a written breastfeeding policy that is routinely communicated to all health care staff.
2. Train all health care staff in the skills necessary to implement this policy.
3. Inform all pregnant women about the benefits and management of breastfeeding.
4. Place babies in skin to skin contact with their mothers immediately following birth for at least an hour and encourage mothers to recognise when their babies are ready to breastfeed, offering help if needed.
5. Show mothers how to breastfeed and how to maintain lactation even if they are separated from their infants.
6. Give newborn infants no food or drink other than breast milk, unless medically indicated.
7. Practice rooming-in; allow mothers and infants to remain together 24 hours a day.
8. Encourage breastfeeding on demand.
9. Give no artificial teats or dummies to breastfeeding infants.
10. Foster the establishment of breastfeeding support groups and refer mothers to them on discharge.

Benefits of breastfeeding

There are many emotional and physical benefits for both you and your baby from breastfeeding. Some of these are listed below.

Health benefits for your baby

• Breast milk has all the nutrients for growth and development.
• Breast milk helps prevent respiratory and intestinal infections, and allergies.
• Babies fed only breast milk are less likely to develop inflammatory bowel disease and diabetes.
• Breastfeeding reduces risk of Sudden Unexpected Death of an Infant (SUDI/SIDS)

Health benefits for you

• Breastfeeding will make your uterus (womb) contract, which helps reduce the risk and amount of bleeding after birth.
• Breastfeeding reduces the risk of breast cancer and epithelial ovarian cancer.

Benefits to your family and community

• Breastfed babies have less infections because of the protective qualities of breast milk.
• The cost of extra food required by you to breastfeed is small in comparison to the large cost of formula and equipment needed for its preparation.

Formula Feeding of healthy breastfed babies is best avoided because:

1. Formula can interfere with the protection against infection that colostrum/breast milk is creating in your baby’s gut.
2. Formula is more slowly digested than breast milk and increases the time between feeds. This may prevent full drainage of your breast at feeds and give less stimulation to your breast. This often leads to a reduced breastmilk supply.
3. Frequent full drainage of your breast prevents engorgement. Formula (or water) feeds can interfere with breast drainage and thus contribute to engorgement.
4. If your family has a strong history of allergy, formula can create an allergic response in your infant.
5. Babies who have bottle feeds in the first month of life have a shorter duration of breastfeeding.

If you choose for personal reasons to give your breastfed baby a formula feed, you will be asked to indicate your consent by signing your baby’s medical record.

Formula feeds ordered for individual medical reasons will only be given after a full discussion with you.
Getting started

Skin-to-skin contact between mother and baby is important after birth to:

• Encourage bonding and release of hormones.
• Help keep your baby warm and adapt to life outside your womb/uterus.
• Keeping babies skin to skin encourages breastfeeding instincts in your newborn.

The first few days

• Following birth, uninterrupted skin-to-skin contact should be maintained with your baby for at least one hour, and then as often as possible after this.
• Common practices such as early weighing, bathing or passing around your baby should be delayed until after the first feed if possible.
• After an initial alert period some babies become very sleepy for the next 24 hours or so. This may be due to the birth experience and/or pain relieving drugs given to the mother during labour. If this happens, colostrum/breast milk will need to be expressed and given to the baby if he/she is not interested in feeding.
• The early use of teats and dummies, especially before the first breastfeed, can interfere with breastfeeding.
• Some babies may have periods of wishing to feed very frequently, especially at night, in the early days. This is normal, and your baby is helping your milk supply establish by stimulating your breasts regularly.
• Getting some rest during the day will help you manage these night time feeds. Reducing or limiting the number of visitors you have during the day may also help.
• If you have other small children, try to get some extra help with them if you can.
• A breastfed baby may feed between 8 to 12 times, or more, in a 24 hour period.

The best way for a mother and baby to learn to breastfeed is to let the baby follow their natural instincts. This is called ‘baby-led attachment’ and can be done straight after birth or at any time later.

Many babies are born able to search for the breast without much help. A mother’s role is mainly to support and encourage her newborn.

1. Place your baby upright skin-to-skin, supported, calming him/her by gentle rocking, stroking, and talking.
2. Baby starts to follow their instincts, allow your baby to ‘bob’ their head around on your chest, they may look at you.
3. Baby may nuzzle your breast and lick for a little while. That is fine.
Rooming in – feeding according to need
If both you and your baby are well, you should remain together 24 hours a day whilst establishing breastfeeding. This allows unrestricted breastfeeding and helps you learn about your baby’s feeding and behaviour patterns.

Feeding cues
Babies should be allowed to feed as often as they need. There should be no limit on the number of feeds you give your baby. In a 24 hour period a well newborn will feed at least 8 to 12 times or more.
Do not wait until your baby is crying for a feed; be aware of early signs of hunger such as:
• mouth opening
• hand to mouth movements
• rapid eye movement
• shallow state of sleep after one or two hours of deep sleep.
How breastfeeding works

The more your baby feeds, the more milk you make. When your baby sucks at the breast, hormones are released. These hormones make the milk and cause the milk to ‘let down’ or flow.

The first milk you produce looks thick and yellowish. This first milk (colostrum) is important for your baby as it contains substances to nourish and protect from disease. Only small amounts of colostrum are produced at first as this is all your baby needs. The milk gradually becomes thinner and more watery looking and the amount you produce increases. This is normal; your milk contains everything your baby needs to grow and satisfy hunger.

Breast compression

Breast compressions can help if your baby is sleepy while feeding or slow to gain weight. By compressing your breast you will encourage your milk to flow which will provide your baby with more milk.

Gently press with your hand around the breast, and close to your chest wall, without causing pain. When your baby is no longer drinking release the pressure.

When your baby starts to suckle again he/she may be drinking but if he/she doesn’t resume suckling well, compress your breast again. Keep doing this until your breast feels soft and drained and baby is no longer drinking. Then offer your baby the other breast and if he/she becomes tired start your compressions again.

How your milk supply increases

As your baby grows their appetite increases and he/she will demand more feeds. These appetite increases or growth spurts may last a few days. Your breast milk will increase to match your baby’s needs if you breastfeed more frequently. Growth spurts occur at anytime but are often around six weeks, three months and six months.

Remember your breasts are never empty. As your baby feeds, your body makes more breast milk.

You can build up your milk supply by:

• Feeding more often
• Offering both breasts twice
• Putting baby back to the breast 20 to 30 minutes after a feed
• Expressing breast milk after feeds
• Not giving baby formula feeds, water or juice
• Resting as much as possible – a few quiet days at home are helpful
• Eating well and drinking when thirsty
• Gently stroking or compressing your breasts during feeds and when expressing

Signs your milk is flowing

• A change in your baby’s sucking rate from rapid sucks to suckling and swallowing rhythmically, at about one suckle per second.
• While feeding on one side your other breast may start to leak milk.
• Sometimes there is a sudden feeling of fullness in the breast.
• You may become thirsty.
• Some mothers feel a tingling or pins and needles sensation in the breast.

Your milk flow can be affected by emotions like anxiety, embarrassment, tension or extreme tiredness. Being relaxed when breastfeeding helps your milk flow.

How long to feed your baby

The length of time a baby feeds will vary. A newborn baby is often sleepy and may need waking during a feed and encouragement to fully drain the breast (having your baby unwrapped during feeds will help). Most babies take both breasts at each feed. Seek assistance if you don’t think your baby is having adequate feeds or is unsettled between feeds.

If you feel pain after you start to feed, your baby is not attached correctly and this may cause sore or cracked nipples. If pain is experienced put a clean finger into the side of your baby’s mouth between the gums to break the suction. Gently take the baby off the breast and reposition and reattach him/her. After the feed your breast should feel lighter with no lumps.
Helping your baby to breastfeed

- How you and your baby are positioned may help him/her to latch on more easily.
- Make yourself comfortable, **unwrap your baby** and remove clothing that may come between you both. Leave baby’s hands free to move.
- Lie baby on your chest or next to your breast. Baby’s whole body needs to be facing you.
- Baby’s chin is on the breast and your nipple is above baby’s top lip, opposite the nose.
- Baby’s bottom lip and chin should be firmly contacting the breast below the nipple.
- Wait for baby to respond with a wide-open mouth and latch on.
- If baby is unable to latch on, seek help from a midwife or lactation consultant (see Support Services on page 23).

Signs baby is getting enough

Fully breastfed babies receiving colostrum (present from birth) have one to two wet nappies and at least one bowel movement every 24 hours for the first few days. Once your baby is receiving mature breast milk then expect:

- Five or more wet nappies every 24 hours
- Clear or pale urine
- Soft yellow bowel action – at least two to three per day for the first four to six weeks
- An alert, healthy baby with good skin tone
- An average weight gain of 150gm or more per week in the first three months

Common questions:

<table>
<thead>
<tr>
<th>Q</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>My baby gets fussy and wants to feed very often, especially around dinner time, is that normal?</td>
<td>Yes, all babies can have fussy periods and may have several feeds close together.</td>
</tr>
<tr>
<td>Today my baby seems to want to feed all the time, much more than other days, why?</td>
<td>As your baby grows, his/her appetite increases. He/she will demand more feeds during growth spurts which may last a few days.</td>
</tr>
</tbody>
</table>
Hand expressing

Expressing may be used to:

- help you attach your baby to the breast when your breast is full, or
- give your baby expressed milk when breastfeeding is not possible.

Procedure

1. Wash hands with soap and water and dry well.
2. Use a clean container.
3. Stimulate the letdown reflex by:
   - rolling your nipple between your finger and thumb, and
   - gently stroking your breast towards your nipple.
4. Position your finger and thumb about 2cm to 3cm behind the tip of the nipple.
5. Press the finger and thumb together towards your chest without sliding the fingers on the skin and gently compress.
6. Repeat the action in a rhythm similar to the baby’s sucking, about once a second.
7. Rotate the position of the finger and thumb around the nipple, so that all the milk ducts are expressed.
8. If regular expressing is required to give extra breast milk to your baby, an electric breast pump is recommended (see Support Services on page 23).

Expressing for a preterm baby or baby who is unable to breastfeed

- If possible, it is important to start expressing milk within one to three hours after the birth of your baby - even if your baby is moved to to the Neonatal Clinical Care Unit or away from you to receive special care.
- If your baby is unable to attach to your breast, it is important to continue expressing regularly, every three hours or eight times in 24 hours, including during the night.
- This will help your body to produce milk, even if your baby is not ready to feed yet.

Expressing with an electric breast pump

1. Wash hands with soap and water and dry well.
2. Assemble clean expressing equipment.
3. Ensure the correct size breast shield is used as one that is too small can damage the nipple and will not adequately drain the breast.
4. Double pump until milk slows or stops, then single pump each breast. Gentle stroking to assist letdown until breast is soft and light.
5. You need to express your breastmilk as often as you expect your baby to feed, at least eight times a day if your baby is not breastfeeding, or between feeds if you need to increase your milk supply.
Feeding baby with expressed breast milk

Cup feeding

Cup feeding is an alternative means of providing colostrum or expressed breast milk (not formula) to babies unable to attach and/or suck at the breast successfully. It is most successful when your baby is wide awake and interested.

• Wash hands in soap and water and dry well.
• Wrap your baby securely.
• Support your baby in an upright sitting position.
• Fill a small clean medicine cup half full with expressed milk.
• Tip the cup so that the milk is touching your baby’s lips. Do not pour the milk into baby’s mouth.
• Tilt the rim of the cup touching the baby’s bottom lip, towards the upper lips and gums.
• As your baby’s jaw is lowered, a small amount of feed will be taken and swallowed.
• Leave the cup in the correct position during the feed as this allows your baby to self regulate the feed as desired.
• After use, wash the cup in warm soapy water and rinse well.

Paced bottle feeding for older breastfed babies

Using a bottle is another method of giving your baby expressed milk. A bottle teat does not always allow a baby to ‘pace’ their intake as they do when breastfeeding. If the bottle is held vertically, the milk pours out. It is important to adjust the angle of the bottle to allow your baby to ‘pace’ themselves.

Method

• Place your baby in a more upright position than ‘traditional’ bottle feeding techniques.
• Support the baby’s back so the baby’s head can extend into a natural drinking position.
• Use a slow-flow round teat.

Finger feeding

Finger feeding is a way of giving your baby expressed breast milk without using a bottle teat, as some babies may start to prefer a teat and refuse the breast. Finger feeding uses a bottle with a thin tube rather than a teat.

Note: Nails should be trimmed short and artificial nails should be secure.

How to finger feed

• After washing your hands, securely wrap your baby.
• Sit in a comfortable position.
• Support your baby with a pillow.
• Rest index or middle finger on the ridge between nose and top lip (philtrum) until baby’s mouth is open.
• Allow the baby to begin sucking your finger (with your finger pad towards the top of baby’s mouth).
• If your baby is sleepy gently introduce your finger into their mouth. If baby’s lower lip is sucked in pull down gently on their chin to release the lip.
• Insert the large end of the tube into the bottle below the milk line. Gently insert the tube along side your finger to the finger tip and raise the bottle so that the milk flows down the tube.
• The technique is working if the baby is drinking. If the feeding is very slow – but the baby is swallowing well – raise the bottle to increase the flow. If your baby is gulping, lower the bottle to slow the flow.

How to bottle feed

• Place your baby in a more upright position than ‘traditional’ bottle feeding techniques.
• Support the baby’s back so the baby’s head can extend into a natural drinking position.
• Use a slow-flow round teat.
Storage of breast milk

Freshly expressed breast milk should be cooled before being added to previously expressed chilled or frozen milk.

<table>
<thead>
<tr>
<th>Breast milk</th>
<th>Room temperature</th>
<th>Refrigerator</th>
<th>Freezer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshly expressed into a clean container</td>
<td>6 to 8 hours (26°C or lower)</td>
<td>Store in refrigerator if one is available</td>
<td>Two weeks in freezer compartment inside a refrigerator (store in the back to prevent thawing while the door is open)</td>
</tr>
<tr>
<td></td>
<td>Store in back of refrigerator where it is coldest</td>
<td>Store in back of refrigerator where it is coldest</td>
<td>Three months in freezer section of refrigerator (with separate door)</td>
</tr>
<tr>
<td></td>
<td>3 to 5 days (4°C or lower)</td>
<td>Store in back of refrigerator where it is coldest</td>
<td>6 to 12 months in deep freeze (-18°C or lower)</td>
</tr>
</tbody>
</table>

Thawing and warming of breast milk

DO NOT leave frozen expressed milk to stand at room temperature to thaw, either:

- Thaw the milk in the fridge overnight or.
- Hold the container under running cold water, gradually make the water warmer until the milk becomes liquid. DO NOT use boiling water, this can cause loss of vital nutrients and minerals in breast milk.

Warm the container of chilled or thawed milk in a jug of hot water until it is body temperature.

Microwave ovens should NEVER be used to thaw or heat milk. Their safety is unknown and heating is uneven. Microwaves also reduce the anti-infection properties in breast milk.

How long should a ‘paced’ bottle feed take?

You should aim for the feed to take at least 20 minutes. If a feed takes less time than this the flow is too fast and if the feed takes more than 45 minutes then the flow is too slow.

Watch your baby’s cues to know when to finish the feed rather than encouraging them to finish the bottle.
Engorgement

Your milk will come in around 24 to 72 hours after birth. A degree of fullness may be experienced at this time, when baby may only want one side per feed. Engorgement is caused by a build-up of blood, milk and other fluids in the breast. This occurs if the breasts aren’t drained well during a feed.

Prevention

- Ensure baby attaches correctly to the breast
- Feed your baby often without limiting the time at the breast
- Ensure your baby drains the first breast before offering the second side
- Avoid use of dummy or complimentary feed (i.e. formula)

If your breasts are very full, you may need to express a little milk to soften the areola so your baby can attach well (see page 13 for hand expressing breast milk).

Engorgement will occur if your baby is not feeding and attaching well. Less commonly it may occur if your body is making more milk than the baby has needed.

Treatment

1. Ensure your baby is attached well when breastfeeding.
2. Feed your baby often, at least 8 to 12 times per 24 hours.

3. Do not limit time at the breast.
4. Express to soften areola to attach your baby to the breast.
5. Use cool gel packs from refrigerator (not freezer) for comfort.
6. If the breasts are full and heavy 24 hours after the milk comes in, a one-off complete drainage of the breast is necessary. This is done by using a hospital grade electric pump if possible. An electric pump is available at the KEMH Breastfeeding Centre or KEMH Emergency Centre. Ensure a correct size breast shield is used when expressing.
7. Seek professional advice to ensure the condition resolves.

Blocked ducts

A blocked duct causes a lump that is tender or painful because of milk building up behind the blockage.

Prevention

- Ensure correct positioning and attachment.
- Frequent drainage of the breast.
- Alter position during feed to include underarm position, cradle position or lying on your side.
- Check for a white ‘bleb’ or spot on the nipple as this may be blocking the milk duct.

Avoid

- Sudden long gaps between breastfeeds or expressing for your baby.
- Tight or restrictive clothing e.g. bra.
- Pressing or holding one area of the breast too tightly, especially close to the nipple.

Expressed milk cannot be reheated if your baby doesn’t finish the feed – so warm only a small amount at a time.

Note:

Thawed expressed breast milk:
- that has not been warmed can be stored in the refrigerator for 24 hours
- that is not refrigerated must be used within four hours
- must not be re-frozen.
Mastitis

Mastitis is a preventable breastfeeding problem. Mastitis occurs when there is a blockage of milk in the milk duct. Some milk may leak out of the duct into the surrounding tissues causing inflammation and infection.

Signs and symptoms

• The breast has a red, painful area.
• An aching flu-like feeling such as a fever, feeling shivery and generally unwell.

Seek medical help as soon as possible if you think you have mastitis.

Treatment

1. Drain the breast frequently. Attach your baby to the affected side first.
2. Keep the breast drained by expressing the affected breast after each feed (see page 13).
3. Cool gel packs from the refrigerator (not freezer) or cool cloths can relieve discomfort and pain.
4. Anti-inflammatory medication e.g. ibuprofen, will reduce the inflammation and pain.
5. Paracetamol may be taken to ease discomfort.
6. It is important to get extra rest. You may need household help to achieve this.
7. **You will need antibiotics for 10 to 14 days.**
8. If it is too painful to feed, express your milk using a hospital grade electric pump if possible (see page 13).
9. Seek advice from a lactation consultant to determine a cause and prevent a reoccurrence.

Management of blocked ducts

1. Feed frequently from the affected side first.
2. Gently stroke towards the nipple during the feed. This may assist the let-down reflex.
3. For comfort and to reduce swelling from excess fluid apply a cold cloth or cool gel pack.
4. Express after feeding.
5. If a white ‘bleb’ or spot is present, soak the nipple with a warm moist cloth and rub or scratch it off using a sterile needle to allow the milk to flow again.
6. Use paracetamol or anti-inflammatory tablets according to directions until the lump clears.
7. If the lump has not cleared after the next breastfeed, therapeutic ultrasound treatment (by a physiotherapist) of the affected breast may help clear blocked ducts – contact the Breastfeeding Centre to arrange.
8. It is important the breast is well drained within 20 minutes of having the ultrasound treatment. This may be either by breastfeeding or expressing the breast.
9. Seek professional help if a blocked duct hasn’t cleared within 24 hours.
Dummy use while breastfeeding

Dummies are not recommended while establishing breastfeeding because:

- Baby feed cues (page 7) may be missed.
- Dummy use has been linked to less time spent breastfeeding which can lead to low milk supply and lower baby weight gain.

Milk banking at KEMH

Mothers producing more milk than their own baby requires may want to consider donating their excess milk to the Perron Express Rotary Milk (PREM) Bank located at KEMH.

Human milk is the best food for babies, especially when they are born sick or premature. Giving these babies breast milk helps reduce the number of gastrointestinal infections and supplies special immuno-protective properties to increase their chances of survival for long-term growth and development.

Before accepting milk from donors, the milk bank ensures they are healthy by screening them with a questionnaire and taking a blood test.

The PREM Bank welcomes all enquiries from women who are breastfeeding or planning to breastfeed in the future. For more information visit the website www.kemh.health.wa.gov.au and find the PREM Bank listed under ‘Services’ or call (08) 6458 1563.

Support Services

<table>
<thead>
<tr>
<th>Service Name</th>
<th>Contact Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Australian Breastfeeding Association</strong></td>
<td>1800 686 268</td>
</tr>
<tr>
<td>Counselling service – 7 days a week</td>
<td>1800 mum2mum</td>
</tr>
<tr>
<td><a href="http://www.breastfeeding.asn.au">www.breastfeeding.asn.au</a></td>
<td></td>
</tr>
<tr>
<td><strong>Breastfeeding Centre of WA</strong></td>
<td>(08) 6458 1844</td>
</tr>
<tr>
<td>KEMH counselling and appointment service</td>
<td></td>
</tr>
<tr>
<td>Monday to Friday 8.00am to 4.30pm</td>
<td></td>
</tr>
<tr>
<td><strong>General Practitioner</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Health Direct</strong></td>
<td>1800 022 222</td>
</tr>
<tr>
<td>24 hour medical advice line</td>
<td></td>
</tr>
<tr>
<td><strong>KEMH Emergency Centre</strong></td>
<td>(08) 6458 2222</td>
</tr>
<tr>
<td><strong>Local Child Health Centre</strong></td>
<td>Phone Health Info for local details</td>
</tr>
<tr>
<td>Available office hours</td>
<td>1300 135 030</td>
</tr>
<tr>
<td>Phone number in purple child health book</td>
<td></td>
</tr>
<tr>
<td><a href="http://www.health.wa.gov.au/services">www.health.wa.gov.au/services</a></td>
<td></td>
</tr>
<tr>
<td><strong>Ngala</strong></td>
<td>(08) 9368 9368</td>
</tr>
<tr>
<td>Parenting help – 7 days, 8.30am to 9.00pm</td>
<td></td>
</tr>
<tr>
<td><strong>Private Lactation Consultant</strong></td>
<td>Phone book yellow pages under ‘Breastfeeding’</td>
</tr>
<tr>
<td><strong>West Australian College of Lactation Consultants</strong></td>
<td><a href="http://www.lactationwest.org.au">www.lactationwest.org.au</a></td>
</tr>
<tr>
<td><strong>KEMH Pharmacy Department Obstetric Drug Information</strong></td>
<td>(08) 6458 2723</td>
</tr>
</tbody>
</table>
The Women and Newborn Health Service clinical guidelines for newborn feeding are available at www.healthnetworks.health.wa.gov.au by clicking on the link ‘Baby Friendly Health Initiative’.

© State of Queensland (Queensland Health) 2012
http://creativecommons.org/licenses/by-nc-nd/3.0/au/deed.en
For permissions beyond the scope of this licence contact:
Intellectual Property Officer E: ip_officer@health.qld.gov.au T: (07) 3234 1479.