Speech and language therapy for children

Information and referral guidance





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Introduction

This training and information resource supports and reinforces a collaborative approach between speech and language therapists, referrers and parents in the identification and management of children with developmental speech and language and communication needs (and includes children with feeding/swallowing difficulties).

There is huge variability in normal speech and language development in the early years. Making the decision on whether a child requires referral to speech and language therapy (SLT) needs to be a collaborative process. In line with recommendations, "professionals can do this by drawing on parental concerns, using structured questions that tap into parents' knowledge of their child, supported by the insights of relatives, childcare staff, playgroup leaders etc...". Also, the process should include the "facilitation of key learning skills, including language development, to inform parents about normal and abnormal language acquisition". (Hall and Elliman, 2003)

Referrers should continue to exercise professional judgement, in addition to the application of this guidance, and should liaise with a speech and language therapist as appropriate, especially at the pre-referral stage.

This resource has been written predominantly with the health visitor in mind. However, it will equally serve the needs of other referral agents.

Aim

To revise and enhance referrers' skills in identifying children's speech, language and communication needs (in line with current guidance detailed in *Healthy child, healthy future*, May 2010).

Objectives

- To provide referrers with additional information to enhance their management options for the child.
- To provide referrers with information to deliver health promotion messages regarding speech, language and communication development.
- To present referral guidance for children presenting with speech, language and communication difficulties.

(Male pronouns will be used in the text to denote either gender.)

Section 1: Key communication skills in speech and language development – management options

This section outlines the key communication skills in speech and language development, and includes guidelines for referral.

The key communication skills and guidelines allow professionals to look at what an individual child can do in the context of a range of communication-related skills he should have developed at that age. This should help clarify whether the child has a significant problem. If immediate referral is not felt to be necessary, advice factsheets can be given and a follow-up visit planned, or parents can be encouraged to contact the SLT department in the future, if appropriate.

The **key skills** information includes the following areas of development:

- attention;
- communicative intent;
- understanding of language;
- play;
- expressive language;
- development of sounds.

These areas are interdependent and therefore will not be separated at each age level. **There is a wide range of normal development.**

It is important to look for patterns of skills in all language-related areas to create a more complete picture of the child's ability. For example, if a child has every skill at a particular level except one, it is likely that he will develop that skill also. Obviously, each age level builds on the skills of the previous level.

Key skills: 3 months

Key skills: developmental guide	Cause for concern	Management options for consideration
 Shows he is interested in your face Smiles at you and may be beginning to chuckle and laugh Sticks out his tongue and moves his lips when you are speaking to him Responds to loud household noises Occasionally makes cooing sounds back to you when you are talking to him Cries to express how he feels 	 He does not smile He is not soothed and quietened by voices or being picked up He does not turn towards a light or the sound of a rattle He has feeding problems He does not coo using vowel sounds 	 Provision of SLT health promotion information leaflet: Helping your baby learn to talk (see Section 3) Hearing assessment according to local referral pathway Review Onward referral, for example to: community paediatrician Sure Start child development clinic/ centre (CDC) Referral to specialist SLT paediatric dysphagia service

Key skills: 6 months

Key skills: developmental guide	Cause for concern	Management options for consideration
 guide Makes noises to get your attention Begins to play with sounds for fun, for example 'bababa' Appears to know what 'no' means Takes turns making sounds Recognises very familiar voices Recognises very familiar words that are used with actions, for example 'up you come' 	 He doesn't look around to see who is speaking He seldom makes noises back to you when you talk to him He makes very few noises apart from crying He rarely follows a moving object with his eyes He has feeding problems 	 Provision of SLT health promotion information leaflet: Helping your baby learn to talk (see Section 3) Hearing assessment Review Onward referral, for example to: community paediatrician Sure Start CDC Referral to specialist SLT paediatric dysphagia service

Key skills: 9 months

Key skills	Cause for concern	Management options for consideration
 Pays fleeting attention but may still be highly distractible 	 He does not seem to recognise his name or those of close family members 	 Provision of SLT health promotion information leaflet:
 Notices everyday sounds Makes ave centest readily 	 He seldom makes sounds to people as if he wants to talk 	 Helping your baby learn to talk (see Section 3)
 Makes eye contact readily Tries to maintain interaction with carer through eye contact and cooing/babbling Babbles using a variety of sounds Responds to his own name Demonstrates a range of emotions appropriately Initiates communication 	 He does not produce strings of babble sounds like 'mamamama' or 'bababa' He does not enjoy interactive games such as 'peek-a-boo' He does not show any interest in noise-making toys He has feeding problems 	 Hearing assessment Review Onward referral, for example to: community paediatrician Sure Start CDC Referral to specialist SLT paediatric dysphagia service

Key skills: 12 months

Key skills	Cause for concern	Management options for consideration
 Can follow simple commands associated with gesture, for example 'wave bye-bye' 	 He never looks around for familiar objects such as his shoes when he hears you talking about them 	 Provision of SLT health promotion information leaflet: Helping your baby learn
 Understands familiar single words, for example 'no', 'bye-bye' 	 He does not turn towards a speaker when his name is called 	<i>to talk (see Section 3)</i> • Hearing assessment
 Will vocalise to attract attention or get something he wants Beginning to use gesture to convey message, for example points, holds arms up 	 He does not produce a lot of tuneful babble He never tries to start little games like 'round and round the garden' He does not follow your direction when you point to an object He has feeding problems 	 Review Onward referral, for example to: community paediatrician Sure Start CDC Referral to specialist SLT paediatric dysphagia service

Key skills: 15 months

 Is very persistent when communicating – really wants you to share his idea Looks at familiar objects or people when he hears them named He doesn't babble with lots of different sounds. This should sound almost as if he is talking He is not interested in starting lots of games with you, like 'round and round the garden' He never concentrates on anything for more than a few seconds He is not interested in 	Key skills	Cause for concern	Management options for consideration
 and points to items Uses gesture to communicate, for example pointing, 'all done' Is very persistent when communicating - really wants you to share his idea Looks at familiar objects or people when he hears them named He doesn't look in the right direction when you are pointing and saying 'look' He doesn't babble with lots of different sounds. This should sound almost as if he is talking He is not interested in starting lots of games with you, like 'round and round the garden' He never concentrates on anything for more than a few seconds He is not interested in 	wants or sees using gesture	when you are making sounds	promotion information
He has feeding problems	 Looks with interest at books and points to items Uses gesture to communicate, for example pointing, 'all done' Is very persistent when communicating – really wants you to share his idea Looks at familiar objects or people when he hears them 	 looking in the right direction to simple questions, for example 'where's your teddy?' He doesn't look in the right direction when you are pointing and saying 'look' He doesn't babble with lots of different sounds. This should sound almost as if he is talking He is not interested in starting lots of games with you, like 'round and round the garden' He never concentrates on anything for more than a few seconds He is not interested in simple play materials 	 to talk Hearing assessment Review Onward referral, for example to: community paediatrician Sure Start CDC Referral to specialist SLT

Key skills: 18 months

Key skills	Cause for concern	Management options for consideration
 Will concentrate on task of own choosing for short periods of time Is able to communicate successfully, either verbally and/or by gesture and/or by behavioural means Can understand simple directions that include nouns and verbs, for example 'make dolly sit' Points to a few body parts Uses knowledge of situation and routine to understand much of what is said to him Plays with many toys meaningfully, and knows how to play appropriately with a variety of toys Has simple pretend play with large-sized toys, for example brushing teddy's hair Recognises miniature toys, ie can select a bed, chair, etc Enjoys looking at books Can identify familiar objects in pictures not seen before May have 6-10 words. These may only be understood by parents at this stage Communication is continually progressing from non-verbal to verbal 	 He is not interested in toy material He does not often look around to see where sounds are coming from He does not use any meaningful words He does not understand simple everyday vocabulary He does not want lots of attention from you, ie lack of social interest He does not show shared attention/joint referencing He shows very little intention to communicate He has feeding problems 	 Provision of SLT health promotion information leaflet: <i>Helping your child learn to talk (see Section 3)</i> Hearing assessment Review Onward referral, for example to: community paediatrician Sure Start CDC Referral to community SLT Referral to specialist SLT paediatric dysphagia service

Key skills: 24 months

Key skills	Cause for concern	Management options for consideration
 Can concentrate for a short time on a toy and not flit from one activity to another 	 He does not seem to understand the names of lots of everyday objects 	 Provision of SLT health promotion information leaflet:
 Is very communicative – becoming more verbal and less behavioural 	 He has less than 40 words (refer to Appendix 1'Late talkers – risk factors') 	 Helping your child learn to talk (see Section 3) Hearing assessment
 Continual increase in his new words being understood by parents Responds to simple directions, for example 'put it on the chair' Is interested in playing with small toys, for example farm set, small doll Will carry out simple make believe activities with toys, for example tea party Has an expanding single word vocabulary At this stage, he is beginning to put two words together, for example 'daddy gone' Speech should be getting clearer and should be intelligible to family Enjoys nursery rhymes and action songs 	 He never links two words together He never pays sustained attention to an activity of his own choice He does not want to help you in your activities He does not show any pretend play He lacks social interest 	 Hearing assessment Review Onward referral, for example to: CDC community paediatrician Sure Start Referral to SLT services See Appendix 2 for suggested toys for observation of speech, language and communication skills in children aged 24–30 months

Key skills: 30 months

Key skills	Cause for concern	Management options for consideration
 Key skills Is very communicative Can have a two-way conversation Can select an object according to its function, for example 'which one do you sleep in?' Understands simple size words, such as big and small (little) Can follow more complex commands, including position words 'in' and 'on', for example 'put teddy's shoe on the chair' Will play alongside another child 	 He is not showing an increase in the number of words he is using He is still mainly using single words rather than two together Parents often cannot understand what he has said He does not seem to want you to play with him He does not show any pretend or imaginative play He does not seem to understand what you say to him unless you make it very simple 	
 Play will include short sequences of imaginative play, for example with Duplo, dolls etc Some of what he says is understood by health visitor/ others Many speech sound immaturities may be evident Most of what he says is understood by parents/ others familiar with him Uses 200 or more recognisable words 	 His attention span is still very short most of the time He stumbles, repeats sounds at the beginning of words or gets stuck on words (dysfluency/stammer) He has a habitually hoarse voice 	 See Appendix 2 for suggested toys for observation of speech, language and communication skills in children aged 24–30 months

Key skills: 36 months

Key skills	Cause for concern	Management options for consideration
 Is eager to give and receive information verbally Is interested in peers/friends and beginning to play with them Is using language to share experiences with others rather than simply to give directions, ie wants to have conversations Can understand more position words, for example under Understands common action words (verbs) and some describing words (adjectives), for example big, sad Is beginning to carry out commands containing up to three different types of concepts, for example size, action, position – 'kick the big ball under the table' Can sort colours Plays imaginatively with make believe objects and will role-play Should be using his spoken language to fulfil a variety of functions, for example seeking information, answering questions, describing objects and actions, attempting to relate experiences, protesting etc Talks in sentences most of the time and asks questions, for example what, where, who? Should be understood most of the time by health visitor/ others not familiar with him Knows several nursery rhymes/songs to repeat and sometimes sings them 	 He frequently does not seem to understand what you have said He only uses two word combinations He has a very restricted vocabulary He never asks questions He shows no interest in stories He shows no interest in playing with other children Most of the time, his speech is not understood by unfamiliar people Attention span is very short He stumbles, repeats words or the beginning of words, or gets stuck on words (dysfluency/stammer) He has a habitually hoarse voice 	 Provision of SLT health promotion information leaflets and websites (see Section 3): Hearing assessment Review Onward referral, for example to: CDC Autistic Spectrum Disorder (ASD) assessment community paediatrician ENT Referral to SLT services

Key skills: 42 months (3½ years)

Key skills	Cause for concern	Management options for consideration
 Can control his own attention and can sustain this for play or listening Has made friends within his peer group Can understand questions that do not relate to the here and now, for example 'what did you eat at playschool?' Can respond to commands that include established concepts such as size, colour and position, for example 'give me the big teddy' Understands sequences of events, for example what happened next in the story Can name a few colours Make believe play with toys is quite elaborate and accompanied by verbal commentary Grammar is becoming more adult, for example use of plurals and tenses, but grammatical immaturities are still evident Speech is understood by strangers, but many sound immaturities remain 	 He does not concentrate on anything for more than a few minutes He does not understand what you have asked him He is using very short or jumbled sentences and not linking sentences together He does not show interest in playing with other children Speech is not understood by unfamiliar people (see also Sound chart on page 22) He is very verbal but conversation is unusual and centres around topics of interest to himself He stumbles, repeats words or the beginning of words, or gets stuck on words (dysfluency/stammer) He has a habitually hoarse voice 	 Provision of SLT health promotion information leaflets and websites (see Section 3): Hearing assessment Link in with nursery/ playgroup Onward referral, for example to: CDC ASD assessment community paediatrician ENT Referral to SLT services

Key skills: 4 years

Key skills	Cause for concern	Management options for consideration
 Speech is creative and is now an effective means of communication Can carry out three step instructions, for example 'close the door, then get the ball and put it on the table' Understands more colour, position and size words Is beginning to enjoy elaborate make believe play, for example dressing up, role-play Enjoys playing with friends and understands sharing and taking turns Can tell long stories, relate events and describe pictures quite accurately Some grammatical immaturities are noticeable Some sound immaturities still present but speech should be largely intelligible 	 He does not understand what you have asked him He does not concentrate on anything for more than a few minutes Very poor use of grammar Speech is very unclear He cannot relate events that occurred when you were not present He does not show interest in playing with other children He stumbles, repeats words or the beginning of words, or gets stuck on words (dysfluency/stammer) He has a habitually hoarse voice 	 Provision of SLT health promotion information leaflets and websites (see Section 3): Hearing assessment Link in with nursery/ playgroup Onward referral, for example to: CDC ASD assessment community paediatrician ENT Referral to SLT services

Key skills: 4 to 5 years

Key skills	Cause for concern	Management options for consideration
By this time, he will be having an even wider range of experiences, especially in early years settings or school. His speech and language development will continue, as will the demands on him to use his language skills. He needs to listen and understand more and to share his ideas within the classroom. He will also use his language skills to build on as he learns to read and write. Children will develop language skills at different rates, but at this stage, typically, he will be: • able to understand spoken instructions related to an activity without stopping what he is doing to look at the speaker • choosing his own friends and playmates • taking turns in much longer conversations • understanding more complicated language (for example 'first', 'last', 'might', 'may be', 'above' and 'in between'] • using sentences that are well formed, although he may still have some difficulties with grammar (for example some plurals, like saying 'sheeps' instead of 'sheep', or more complicated tenses, like using 'goed' instead of 'went') • thinking more about the meanings of words – perhaps describing what simple words mean or asking what a new word means when he first hears it • using most sounds effectively – may have some difficulties with words with lots of syllables or consonant sounds together, eg 'scribble' or 'elephant'	 Speech sound development is immature (refer to Sound chart on page 22) Sentence structure is immature or ungrammatical Vocabulary is weak and impacting upon progress in the classroom He is not able to communicate appropriately with teachers/peers, for example in relating relevant information, taking turns to speak, keeping to the topic of conversation, initiating interaction He engages in his own rigid choice of activity and/or topic of conversation He is not able to sustain attention for classroom activities He stumbles, repeats words or the beginning of words, or gets stuck on words (dysfluency/stammer) He has a habitually hoarse voice 	 Provision of SLT health promotion information leaflets and websites (see Section 3): Link with teaching staff/ special educational needs coordinator (SENCO): Has a referral been made to educational psychology? Has the child been given individual learning targets/been placed on the SEN code of practice by the teacher/school? Hearing assessment Onward referral, for example to: CDC ASD assessment community paediatrician ENT Referral to SLT services

Key skills: 5 years onwards

Key skills	Cause for concern	Management options for consideration
This covers a huge period of development for any child. Often by five or six years old, he will have well-developed language with a wide vocabulary, well-formed sentences and good use of speech sounds. He will usually have developed attention skills so that he can understand instructions while carrying on with another activity at the same time. He should also be able to understand much more information. As he grows up, he gains a wider understanding of how to use his language in different situations – for example to discuss ideas or give opinions. Speech and language development is a gradual process and builds on skills he has already learnt. He will: • remain focused on one activity for increasing lengths of time without being reminded to do so • continue to learn new words – his vocabulary will increase enormously, especially with words learnt in school (as he gets older, he will rely less on pictures and objects to learn new language, and be able to learn simply through hearing and reading new words; however, using visual materials helps older children and even adults to learn new words]	 Speech sound development is immature (refer to Sound chart on page 22) Sentence structure is immature or ungrammatical Vocabulary is weak and impacting upon progress in the classroom He is not able to communicate appropriately with teachers/peers, for example in relating relevant information, taking turns to speak, keeping to the topic of conversation, initiating interaction He engages in his own rigid choice of activity and/or topic of conversation He is not able to sustain attention for classroom activities He stumbles, repeats words or the beginning of words, or gets stuck on words (dysfluency/stammer) He has a habitually hoarse voice Consider how the child's speech and language skills fit with his general learning progress and ability 	 Provision of SLT health promotion information leaflets and websites (see Section 3) Link with teaching staff/SENCO: Has referral been made to educational psychology? Has the child been given individual learning targets/been placed on the SEN code of practice by the teacher/school? Hearing assessment Onward referral, for example to: CDC ASD assessment community paediatrician ENT Referral to SLT services

Key skills: 5 years onwards (cont.)

Key skills	Cause for concern	Management options for consideration
 use his language skills in learning to read, write and spell learn that the same word can mean two things (for example 'orange' the fruit and 'orange' the colour) learn that different words can mean the same thing (for example 'minus' and 'take away') understand concepts and ideas that are abstract - like feelings and descriptive words, for example 'carefully', 'slowly' or 'clever' use language for different purposes, for example to persuade, negotiate or question share and discuss more complex and abstract ideas, like relationships with others use language to predict and draw conclusions use language effectively in a range of different social situations understand more complicated humour and figurative language (like sarcasm) 	 Speech sound development is immature (refer to Sound chart on page 22) Sentence structure is immature or ungrammatical Vocabulary is weak and impacting upon progress in the classroom He is not able to communicate appropriately with teachers/peers, for example in relating relevant information, taking turns to speak, keeping to the topic of conversation, initiating interaction He engages in his own rigid choice of activity and/or topic of conversation He is not able to sustain attention for classroom activities He stumbles, repeats words or the beginning of words, or gets stuck on words (dysfluency/stammer) He has a habitually hoarse voice Consider how the child's speech and language skills fit with his general learning progress and ability 	 Provision of SLT health promotion information leaflets and websites (see Section 3) Link with teaching staff/SENCO: Has referral been made to educational psychology? Has the child been given individual learning targets/been placed on the SEN code of practice by the teacher/school? Hearing assessment Onward referral, for example to: CDC ASD assessment community paediatrician ENT Referral to SLT services

Additional guidance

1. Play and communication

Play allows a child to learn skills that are essential to language development, for example listening, observing, imitating, symbolic understanding, concept formation and social skills, such as taking turns and cooperation.

Play provides an opportunity for experimenting with and developing new skills, and practising those already learned.

If a child's play is delayed, it is often an indicator of difficulty in some other aspect of development, or in the environment.

Below are certain types of play behaviours, which are expected around the given ages.

- 9 months Looks for a dropped toy. Enjoys peek-a-boo and rhymes, for example 'round and round the garden'.
- 12–15 months Plays with an object according to its function, for example brushes own hair.Can give adult a toy if requested. Enjoys action songs.
- 18 monthsSimple pretend play with large toys, for example brushing teddy's hair.Pretends to do real life activities,

for example dusting/cleaning. Is interested in looking at books.

24 months Interested in playing with small toys. Will carry out simple make believe activities with toys. Will play with a toy for longer periods, for example five minutes.

Will play alongside other children.

36 months	Has sequences of activity in make believe play. Can take on simple roles within play, for example shopkeeper. Play may involve miniature
	figures, for example Duplo/ Playmobil. Will join in play with other children.
	Enjoys listening to stories.
48 months	Enjoys dressing up/elaborate make believe play. Enjoys playing with friends. Understands sharing and
	taking turns.
	Can play games with rules.

Stages of play

Exploratory play

From birth, for example with toys/objects, mouthing, shaking, feeling. Initially, child plays with only one object.

Relational (constructional) play

From 9 months.

Child uses two hands, for example bangs two objects together, takes rings off stacking ring.

Pretend play

From 12 months approximately.

Self, 12 months – for example feeds self with cup. Doll, 16 months – for example feeds doll with cup. Other, 18 months – for example feeds doll/self/ adult.

Social play

Social play follows a developmental sequence:

- solitary play may be silent;
- parallel play not sharing;
- looking-on play 2¹/₂ years;
- simple cooperative play 3½–4 years;
- games with rules 4 years onwards.

2. Speech sound development (phonology)

Speech sound development begins with babbling and can continue until a child is around seven or eight years of age. The most rapid period of change is usually between two and four years of age. It ties in closely with a child's language, motor, auditory and cognitive development (see **Sound chart** on following page).

Children need time to develop their sound system. This may need to be explained to the parent, with advice not to directly correct or train the child's speech. If they do so, they will be breaking down the child's communication attempts and increasing the child's awareness and anxiety. The child may then avoid speaking because of lack of confidence.

Discuss with a speech and language therapist if:

- a child's speech sounds are clear, but the quality of their voice is hoarse or nasal;
- a child has air escaping through their nose when talking;
- a child's speech sound development is markedly delayed or deviant.

Lisps

A lisp is a hissy 's' sound where you can see the tongue protruding between the teeth.

Children presenting with a lisp as their only difficulty may be referred after 4½ years of age. Clinical practice indicates that changing this speech pattern is often not possible until second upper and lower front teeth are in place. This should be explained to parents at the time of referral. A lisp does not interfere with a child's educational progress. It is important that negative attention is not drawn to it.

Tongue-tie

In the majority of cases, tongue-tie will not affect the development of speech sounds. Referrals for babies with tongue-tie will only be accepted if the baby presents with eating and drinking difficulties. The baby should be referred to the specialist SLT paediatric dysphagia service.

Community referrals for young children with tongue-tie will only be accepted if there are presenting speech difficulties, which may or may not be attributed to the tongue-tie.

For further information for (i) parents and carers, see the *Does my child speak clearly?* factsheet for parents 1

Sound chart

The following chart gives an overview of speech sound development.

The early sounds made by babies and toddlers include a variety of speech and non-speech sounds. Over time, children develop their ability to use the speech sounds of their first language, in words.

There is variation in the rates at which different children develop speech sounds; however, based on research and clinical practice, the following table shows when sounds are used spontaneously, or when their use can be encouraged. Sounds are usually treated at the upper level of normal age acquisition, or six months later. Research shows that boys are slower to develop speech sounds.

Age	Sounds
6-12 months	Babble (varied consonants and vowels)
1-2 years	p, b, t, d, m, n, w – as in 'Mama', 'bye', 'ta ta'
3 years	h – as in 'home' ng – as in 'sing'
3 years 6 months	s, f – as in 'sun', 'four', 'phone'
4 years	c,k – as in 'car', 'bake' g – as in 'goose', 'pig' l – as in 'look', 'lady'
4 years 6 months	Double consonants are being used
	In English these are double consonants with 'l', for example bl – as in 'blue'; pl – as in 'plate'; fl – as in 'fly'; cl/kl – as in 'cloud'; gl – as in 'glass'
	Also double consonants with 's', for example sp – as in 'spoon'; st – as in 'star'; sk – as in 'skip'; sl – as in 'slip'; sm – as in 'smoke'; sn – as in 'snap'; sw – as in 'sweet'
	Final clusters, for example mp – as in 'stamp' y – as in 'yes'
5 years	sh – as in 'shop', 'push' ch – as in 'witch', 'chip' j – as in 'jug' ʒ – as in 'measure' Many children outgrow a lisp in their fifth year.
5 years 6 months	v – as in 'van' z – as in 'zip'
7 years	r – as in 'rabbit', 'parrot' th – as in 'thumb', 'birthday'

3. Dummies: advantages and disadvantages

Despite their popularity and long history, the use of dummies is a controversial topic among professionals and parents/carers.

Advantages

For parents and carers, the most important advantage of dummies is their role in soothing babies or helping them settle down to sleep.

Disadvantages

There are a number of disadvantages associated with the use of dummies, some of which may impact upon the child's speech and language development. Other concerns raised by various professional groups may include an increased risk of the following:

- Stomach and mouth infections.
- Middle ear infections (otitis media). This is due to the fact that sucking opens the Eustachian tube, which links the nose and middle ear, and this can allow bacteria into the middle ear from the nasal area.
- Dental problems such as open bite and cross bite.
- Overdevelopment of the muscles at the front of the mouth compared to those at the back of the mouth, which may lead to a persistent tongue thrust and further affect placement of the teeth.
- Reduced babbling and experimentation with sounds. When a baby or young child has a dummy in his mouth, he may be less likely to copy sounds adults make or to attempt to babble and play with sounds himself. This is important in the development of speech skills.

Advice for parents and carers

There is a lot of confusing advice available about the use of dummies and it is important to be aware of the range of arguments. Dummies may be useful in settling young babies and encouraging strong sucking patterns, but their specific usefulness declines after a developmental age of about six months.

The increased risk of ear infections, dental problems and reduced babbling and use of sounds (both of which are essential in the development of speech and language skills) are all very good reasons for not giving dummies to infants after about **nine months of age**, especially during the day and when they are interacting with other children and adults.

For further information for parents and carers, see the *Advice about dummies* factsheet for parents 4, and the leaflet entitled *Advice about dummies* A

4. Stammering (dysfluency)

What is stammering?

- Stammering is also commonly known as stuttering or dysfluency and can occur at any time in childhood, but is more common between the ages of two and five years. Approximately one child in 20 will have difficulty speaking fluently at this stage.
- Stammering may present differently for individual children; however typical stammering behaviours include:
 - repeating the whole word, for example "but-but"
 - repeating parts of the word, for example "mu-mu-mummy"
 - stretching sounds, for example "ssssarah"
 - the word appears to get stuck
- Stammering may be variable. Many parents report that their child's speech may be fluent for several days, weeks or even months and then they may experience times when they stammer more.
- A child's fluency may also change according to the situation they are in, what they want to say and also how they are feeling, for example tired, excited or confident.

When to refer?

Stammering is complex. For the majority of children, stammering will resolve spontaneously. However, other children will need support from a Speech and Language Therapist. Research suggests that intervention as close to onset as possible is most helpful and therefore it is essential that referral to speech and language therapy is made as soon as possible.

For further information for parents, see:

• Factsheet for parents 2, Helping your young child who stammers

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- BSA (British Stammering Association) information leaflets available from www.stammering.org
 - Stammering in preschool children - how parents can help
 - The child who stammers
- The Michael Palin Centre for stammering www.stammeringcentre.org/ mpc-home
- The Irish Stammering Association www.stammeringireland.ie

5. Voice disorders (dysphonia)

Paediatric dysphonia

A child's voice is similar to an adult's in that it reflects many aspects of his physical, environmental, cultural, social and psychological development. There are many variations within normal voice production but a useful indicator of an abnormal voice is if the listener 'turns their head' to locate a speaker because of unusual voice production.

Changes in pitch, loudness, and overall vocal quality carry a risk of interfering with the communicative abilities of a child. Research has shown that voice disorders in children can result in a child receiving negative attention and reduce a child's participation in activities. Voice disorders can cause problems with peer socialisation, impact on a child's self image and self-esteem, ultimately having consequences for communication development.

Common symptoms of voice problems include:

- quality (for example hoarse, rough voice);
- loudness (for example too loud or too quiet);
- inappropriate pitch (for example too high or too low);
- a breathy voice;
- vocal fatigue;
- episodes where a child loses their voice;
- an increased effort to speak or use their voice.

Causes may include:

- physical factors (for example excessive shouting, prolonged crying, persistent coughing);
- noisy activities (for example team sports, playground games);
- behaviour (for example aggression, immaturity);
- family dynamics (for example sibling rivalry, amount of attention).

Voice therapy is a treatment that involves direct work with the child, but requires the full engagement and support of the child's parent or carer. Often a whole family approach is required and the voice therapist will work directly with the child's teacher if appropriate.

Assessment by an ENT surgeon is necessary before speech and language therapy assessment can be initiated.

However, referrers should feel free to discuss any concerns about a child's voice with the SLT department prior to making a decision regarding referral.

Partnership with parents is critical to the success of therapy.

Voice therapy is a treatment that needs to be taught and then carried over into the child's daily life. Concepts taught in voice therapy can be supplemented and reinforced by the parents, but for long-term benefit to be attained, the child must be capable of controlling some of the situations in which the voice is being used. Thus, assessing the maturity of the child is essential when deciding whether direct voice therapy is appropriate.

For further information for (i parents and carers, see the *Does my child have a voice problem?* factsheet for parents 5

6. The bilingual child

Definitions

Monolingual :	A person who knows and/or	
	uses one language.	
Bilingual:	A person who knows and/or	

uses two languages.

Simultaneous bilingualism is when a child (usually younger than three years of age) learns two languages at the same time. The 'one person, one language' approach is no longer advocated. Parents should be advised to speak to their child in whichever language feels comfortable to them at the time. Normal language use includes mixing of and switching between languages.

Sequential bilingualism is when a child (usually after the age of three) learns a second language after the basic acquisition of the first language.

Research shows that bilingualism in a child or adult is an advantage. Learning two (or more) languages can be beneficial to a child's overall language and learning abilities. Research shows that children who understand more than one language are able to think more flexibly and creatively.

Many children who are second language learners are thought to be language delayed, when in fact they are demonstrating normal features of learning a second language. Common characteristics are as follows:

- A silent period is common in the sequentially bilingual child, where the child may say very little for a number of months. This happens soon after the second language is introduced.
- Code mixing. Children and adults often use words from both languages in one sentence.
- Loss of the first language. If the child has learned a first language but doesn't use it much,

he will lose his skills in that language. This means that when English is still being learned, at a point in time neither language may be particularly well developed. This should be limited by excellent stimulation provided in both languages, though some loss is fairly inevitable.

• Most children who learn English as a second language will be able hold a conversation after about three to five years of exposure.

Criteria for referral

Bilingualism is not a cause of language delay and is not in itself a reason to refer to speech and language therapy.

A child should be referred if he is having difficulty acquiring his first language, ie a child who is struggling to communicate in the language of his parents, despite this being the primary language used with the child. A child should not be referred if they are competent in their first language but are having difficulty acquiring English.

Referral of a child should be based on the same developmental criteria and decision-making process outlined in the key skills section, and other information about normal development outlined in this information pack.

If a referral is appropriate, it is important to specify which languages are spoken at home and parental consent must be obtained for an interpreter. An interpreter will be required for appropriate assessment of the child's language competency.

For further information for parents and carers, see the *Talk to your child in your own language* factsheet for parents 3

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7. Feeding and swallowing difficulties (dysphagia) in children

Community SLT services do not assess or treat eating and drinking difficulties (dysphagia) in children. Referral should be directed to a specialist speech and language therapist, who will have completed postgraduate training in paediatric dysphagia.

Specialist speech and language therapists are trained in assessing feeding and swallowing skills. They have an understanding of the:

- developmental stages involved in the progression from fluids to solid foods;
- oral skills required for sucking, biting and chewing;
- pharyngeal skills required for swallowing.

The causes of feeding difficulties (dysphagia) are many and varied and may include:

- neurological disorders;
- prematurity;
- gastroesophageal reflux;
- developmental disorders;
- behavioural/sensory issues;
- craniofacial abnormalities.

The child with feeding/swallowing difficulties may present with some of the following symptoms. It is important to note that these symptoms may relate to other medical conditions and a wider team involving a GP, paediatrician, dietitian etc may be required to assess the problem fully.

Symptoms may include:

- breathing difficulties, including a history of chest infections;
- coughing or choking during or after feeds;
- eye watering;
- wet or gurgly voice quality;
- poor oral control;
- multiple swallows required for one spoonful;
- food refusal and lengthy feeding times;
- faltering weight.

The specialist speech and language therapist will assess the child's skills at a number of levels, including the range of oral movements, effectiveness of these movements to control food and liquids, coordination of the swallow and the nature of the foods/liquids taken.

Following assessment, recommendations may be made, which may include:

- further investigations and onward referral, for example videofluoroscopy assessment (a specialist swallow assessment involving x-ray equipment);
- changes in feeding techniques (ie positioning, equipment, food consistencies and the method and pacing of food presentation);
- alternative feeding methods.

The management of feeding and swallowing difficulties in children is always taken with the parents' or carers' involvement and with consideration of the:

- child's age and general health;
- family support and circumstances;
- developmental considerations;
- nature of the feeding/swallowing difficulty.

It is important to remember that there is a wide variation in development through weaning milestones. Primary healthcare providers can often effectively support parents through these milestones. It is only when this support is not enough, or when parents are highly concerned, that children with weaning difficulties should be referred. Infants/children who present with pure behavioural difficulties in relation to their eating and drinking, for example refusing to eat due to mental health issues, or eating a very restricted diet due to a diagnosis of Autistic Spectrum Disorder, do not fall under the dysphagia remit.

If you have concerns regarding a child's ability to feed and swallow correctly, please contact the appropriate speech and language service to discuss or refer.

Section 2: Referral to speech and language therapy

1. General points

Using the developmental guidelines provided, refer children who are delayed in relation to the normal range but remember the following:

- Look at the child as a whole rather than isolating speech.
- Look for progression in development rather than how a child performs on a specific day. Ask:
 - "would this be typical?";
 - "have you noticed any changes?";
 - "are there things he does this month that are different to last month?".
- Consider the broader developmental picture when deciding if referral is necessary; for example, desire to communicate, play skills, behaviour etc. In children under three years, it is the desire to communicate and the quantity of verbalisation, rather than the quality, that is important.
- In the normal child, language development continues into middle primary years it is not complete for P1 entry.
- Liaise with the speech and language therapist at any stage of the identification process if you are unsure whether to refer or not.
- Give advice when appropriate, using relevant leaflets/websites provided.
- If the child has a mild speech and/ or language delay at the time of your assessment, advise the parents to contact you again if these have not been resolved within a reasonable period, or to contact the speech and language therapist directly.
- Referral information must be detailed enough to ensure appropriate and timely triage by the SLT service. Incomplete referrals will be returned.

2. Criteria for referral to community speech and language therapy

- 1. 18 months –18 years of age.
- 2. Parental consent must be obtained.
- Child presents with communication difficulties that impact on his social, emotional or educational development. This includes children with:
 - receptive language difficulties;
 - expressive language difficulties;
 - delayed/disordered speech development;
 - a stammer/non-fluent speech;
 - a voice disorder, for example hoarse voice.

Exclusion criteria

- Referrals of children where there is no evidence of reason for concern.
- Referrals of babies/toddlers with tongue-tie where there is no history of feeding or speech difficulties.
- Referrals that indicate inappropriate expectations relative to a child's age (see **Key** skills, pages 5-19, and **Sound chart**, page 22).
- Lisps in children younger than 4½ years.
- Referrals of selective mutism where there is evidence that speech and language development is age appropriate.
- Referrals of children with general learning difficulties where there is evidence that speech and language skills are commensurate with general ability.
- Referrals of children with specific literacy problems where there is evidence that verbal communication is normal.
- Re-referral of school-age children within six months of being discharged by HSCT staff because no therapy was required, and presenting with no new/additional difficulties.

3. Procedures

SLT services work to the Integrated Elective Access Protocols (IEAP) as set by the DHSSPS.

Referral

The SLT service has an open referral system. All referrals require consent from the person with parental responsibility. For details on the referral process in your area, contact the SLT department of your local HSCT.

Triage

Referrals are triaged to consider whether assessment is appropriate.

Initial appointment

Following acceptance of referral, the child will be offered an initial appointment for assessment. If the parent/carer fails to bring their child to the appointment and does not notify the speech and language therapy service, the child will be discharged.

The initial appointment may be used for:

- discussions with parent/carer;
- observation;
- taking case history;
- initiating assessment.

Assessment may not be completed at the initial interview.

Following an assessment, a management decision will be made in discussion with the parent/carer.

Intervention options

Assessment and intervention options include:

- one to one;
- groups;
- telephone contact;
- liaison with other professionals;

- report writing;
- onward referral to another service;
- case conference/annual review;
- training parent/other;
- consultative model;
- school based options.

A management decision on the type and frequency of intervention will be made, based on the age of the child and his presenting difficulties, and the impact on the child.

4. Discharge

The child may be discharged at any point following referral, after a case management decision to do so.

Failure to contact the service or attend a booked appointment will result in discharge.

Section 3: Health promotion information for parents and carers

The following leaflets and factsheets, which support the information in this resource, are available.

Leaflets from the Public Health Agency website www.publichealth.hscni.net

- Helping your baby learn to talk
- Helping your child learn to talk
- Advice about dummies

Factsheets for parents

- 1. Does my child speak clearly?
- 2. Helping your young child who stammers
- 3. Talk to your child in your own language
- 4. Advice about dummies
- 5. Does my child have a voice problem?
- 6. Tips for talking: children aged 4 to 5 years

Additional information on stammering/ non-fluency can be found on the British Stammering Association's website www.stammering.org

- BSA information for parents of children under 5
- BSA information for parents of school-age children

Websites for parents/carers:

www.afasic.org.uk www.ican.org.uk www.librariesni.org.uk (Rub-a-Dub Hub) www.literacytrust.org.uk www.stammering.org www.stammeringcentre.org/mpc-home www.stammeringireland.ie www.talkingpoint.org.uk www.talktoyourbaby.org.uk

Section 4: Bibliography and useful websites

Bibliography

Crystal D. Listen to your child: a parent's guide to children's language. Harmondsworth: Penguin, 1986.

Department of Health, Social Services and Public Safety. Healthy child, healthy future: a framework for the Universal Child Health Promotion Programme in Northern Ireland. Belfast: DHSSPS, 2010.

Elks L, McLachlin H. Speech and language support in the classroom. St Myban: Elklan, 2006.

Ellis E, Thal D. Early language delay and risk for language impairment. Perspectives on language, learning and education 2008;15 93 -100.

Greenspan S, Wieder S, Simons R. The child with special needs: encouraging intellectual and emotional growth. Cambridge, MA: De Capo Press, 1998.

Hall DMB, Elliman D. Health for all children. 4th edition. Oxford: Oxford University Press, 2003.

Useful websites

www.afasic.org.uk www.elklan.co.uk www.hanen.org www.ican.org.uk www.librariesni.org.uk www.literacytrust.org.uk Law J. Learning to talk – a practical guide for parents. London: Dorling Kindersley, 2004.

Law J, Harris F. Promoting speech and language development: Guidance for Sure Start programmes. Nottingham: DFES Publications, 2001.

Magill S, McKee A, Devon C, Bell M. Improving speech and language therapy services for children through collaboration. Journal of the Association for Quality in Healthcare 1996; 3(4): 127–133.

Rudolph JM, Leonard LB. Early language milestones and specific language impairment. Journal of Early Intervention 2016; 38 (1) 41 - 58.

Van der Gaag A, McCartan P, McDade A, Reid D, Roulstone S. The early communication audit manual: a talking toolkit. London: Royal College of Speech and Language Therapists, 1999.

Ward S. Babytalk: strengthening your child's ability to listen, understand and communicate. London: Arrow, 2004.

www.rcslt.org www.stammering.org www.stammeringcentre.org/mpc-home www.stammeringireland.ie www.talkingpoint.org.uk www.talktoyourbaby.org.uk

Section 5: Appendices

Appendix 1

Late talkers – risk factors

Risk factors to be considered include:

- family history of speech, language and/ or communication difficulties/literacy difficulties/learning difficulties;
- history of upper respiratory tract infections;
- limited babbling a quiet baby;
- difficulty understanding spoken language and following simple instructions;
- limited range of symbolic noises (for example animal sounds/car noises);

- limited imitation and copying of actions;
- limited use of gesture;
- limited pretend play;
- limited spontaneous imitation of single words;
- limited range of words used (for example using only names for objects or people and no action words);
- lack of engagement with adults or children/ poor eye contact. (Source: www.hanen.org)

Appendix 2

Suggested toys for observation of speech, language and communication skills in children aged 24–30 months

- Objects for example car, cup, miniature animals, toy phone, ball, key, bricks, dolls, teddy, toy food, spoons and boxes of varying sizes.
- Simple picture books (one picture on each page).

Appendix 3: Factsheets

See overleaf

- Six object picture cards (use prompts such as 'show me the...' /'give me the... '/'what's this?'/'which one do you drive?' etc).
- Six action picture cards (use prompts such as 'show me who is running'/'tell me what is happening').

Speech and language therapy: Factsheet for parents 1



Does my child speak clearly?

Learning to speak clearly can take a very long time. A child needs to learn to practise talking, in different situations and with different people.

Remember that speaking is a very individual skill. Your child may not learn at the same time and in the same way as his friends or brothers and sisters.

Many children cannot say all speech sounds until around the age of seven.

The "r" and "th" sounds are the latest to develop.

General advice

- If your child has difficulty saying a word, say clearly back to your child what he has tried to say. This way he can listen to how an adult says the sounds. Also, you will have let him know he was understood.
- Listen and respond to what your child is trying to say and not how he is saying it.
- Your child is not being lazy; he would say words clearly if he could. Sometimes children use signs and gestures to help get their message across, and this is ok.
- Try not to draw attention to your child's speech by commenting on it in front of him.
- Give your child the opportunity to mix and play with children of his own age.

Speech and language therapy: Factsheet for parents 2



Helping your young child who stammers

Talking smoothly is a skill that develops gradually, and many young children will repeat whole words and parts of words when they begin using longer sentences. Stammering, which is also known as stuttering, can occur at any age, but it typically begins between the ages of two and five years. Some parents notice a pattern regarding the time or situation when their child tends to stammer more, for example when they are tired or excited, and times when their child tends to stammer less like when they are playing calmly. Whereas for other children stammering appears to be unpredictable. The presentation of stammering is different for every child, however stammering behaviours can include:

- repeating the whole word, like "but-but-but"
- repeating parts of the word, like "c-c-c-can";
- stretching sounds, like "ssssso"; and
- the word appears to 'get stuck'.

Some children may experience feelings such as frustration and anger about their talking, others appear unconcerned. Some children change words, and some avoid speaking situations such as answering questions in class whilst others are keen to talk in all situations.

Stammering is complex but it is not caused by parents and in fact many parents are using lots of helpful ideas to support their child. An assessment by a speech and language therapist can help you understand why your child may have started stammering and how you can help your child.

Some websites that you might find helpful are:

- The Michael Palin Centre for Stammering: www.stammeringcentre.org/mpc-home;
- The British Stammering Association: www.stammering.org; and
- The Irish Stammering Association: www.stammeringireland.ie

Speech and language therapy: Factsheet for parents 3



Talk to your child in your own language

The best way to help your child learn to talk is to talk to him as much as possible in your own language – it doesn't have to be English. That way, your child will learn to talk confidently, and will be ready to learn English when he hears it.

- Talk to your child in your own language. Do not feel under pressure to speak English to your child.
- Have fun with rhymes, poems and songs in your own language.
- Tell your child stories in your own language. Encourage your child to join in with the storytelling.
- Try to find books for your child written in your own language, or try making your own.
- Encourage your child to play with children who speak the same language as he does.
- Don't allow anyone to laugh or tease your child because of his accent or if he makes mistakes.
- Talk to your child in your own language about what he did at playgroup, nursery or school.

Information about bilingualism

Facts

- Bilingual speakers are in the majority in the world.
- Learning two or more languages can be beneficial to a child's overall language and learning abilities.
- Research shows that bilingualism in a child or adult is an advantage.
- It is normal for bilingual speakers to mix their two languages in one sentence.

Public Health

Healthy child, healthy future

Speech and language therapy: Factsheet for parents 4

Advice about dummies

Some parents choose to give their child a dummy, some choose not to. However, if you give your child a dummy, it is very easy for this to become a habit.

General advice

- Dummies can comfort and soothe small crying babies
- Not all babies will need or want a dummy
- Older babies and children do not need a dummy
- It is a good idea to reduce the use of the dummy by the time your baby is 6-9 months old
- Use it only when your baby is tired, upset or trying to get to sleep
- Don't give your baby a dummy unless they really need it
- Dummy sucking can soon become a habit
- Never dip a dummy in sweet things

Giving up the dummy

- Gives your baby more time to learn to babble and talk
- Will be better for the position of your child's teeth
- May reduce the risks of tummy, mouth and ear infections

Speech and language therapy: Factsheet for parents 5

HSC Public Health Agency

Does my child have a voice problem?

The most common problem is usually described as hoarseness.

Hoarseness can develop for many reasons. Many voice problems in children are related to infections and will usually resolve within two weeks. Sometimes children can almost completely lose their voice, typically after a lot of shouting. Hoarseness in children is common, but if your child is persistently hoarse, check with your GP if he might need a referral to an Ear, Nose and Throat (ENT) Consultant.

There are things you can do to help your child:

- Encourage quiet talking (but not whispering) and try to have a quiet time for all the family throughout the day.
- Try to ensure your child does not shout too often.
- Make sure there isn't too much background noise turn TV down or off.
- Encourage your child to drink plenty of water.
- Make sure you pay attention to your child when he is talking, so that he does not have to raise his voice.
- Keep your child away from irritants, such as smoke.

Speech and language therapy: Factsheet for parents 6



Tips for talking: children aged 4 to 5 years

Here are some simple ideas to encourage children around this stage:

- Play simple games (like board games, lotto games and 'Simon says') that involve taking turns. This not only helps your child develop this skill, it also helps him listen and attend to an activity for longer periods of time.
- Ask fewer questions to encourage your child to talk more about his experiences.

Use comments and encourage your child to talk without being questioned. Lots of questions we ask children are often easily answered with a 'yes' or 'no'. Open questions like "what are you going to play with today?" or "why is the boy wearing a scarf?" will encourage your child to say more than 'yes' and 'no'. If your child finds it difficult to answer such open-ended questions, it might help to start off by giving him a couple of choices. For example, you could say 'Are you going to play with the cars or the farm animals?'.

• Introduce your child to new and varied words and phrases.

Don't forget, although your child may know lots of different words, his language is still developing. Introduce new words to your child in everyday settings. Read to your child and talk about the story. Having fun with words or rhymes can help children learn skills they need for reading and developing literacy. By learning the differences and similarities between word sounds, a child builds the foundations for reading and writing.

• **Give your child time to think without answering for him or finishing off his sentences.** Your child may need time to think about things that he has heard or done before answering or responding to questions and instructions. Try to encourage him in his responses by showing him you are listening to what he is saying. Correct any grammatical errors by repeating back correctly, for example: "I eated my snack" "yes, you *ate* your snack."

Speech and language therapy for children | Information and referral guidance



Public Health Agency

12-22 Linenhall Street, Belfast BT2 8BS. Tel: 0300 555 0114 (local rate). www.publichealth.hscni.net



