Individuals who are deaf-blind access the world differently from their hearing-sighted peers. To ensure meaningful linkages to the environment and equal access to information, a variety of trained personnel and support persons are required. In recent years much attention has been given to the different roles that individuals play in providing this support.

The most familiar type of support is that provided by sign language interpreters. Formal interpreting services were established to meet the needs of deaf individuals. In recent years, these services have been expanded for persons with combined hearing and vision loss. This type of support, however, does not meet all of the unique communication needs of deaf-blind individuals.

Normal everyday life takes place in a variety of settings, including home, school, work, and recreation. For individuals who are deaf-blind, different settings require different types of communication supports. As the developmental, educational, and social needs of deaf-blind children and adults in these settings are better understood, the roles and responsibilities of support professionals evolve. Terms used to describe these roles, include interpreter, intervener, and support service provider (SSP). The following chart attempts to capture the current understanding of these roles and responsibilities.

<table>
<thead>
<tr>
<th>Interpreter</th>
<th>Intervener</th>
<th>Support Service Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>Translates information from one mode or language to another (spoken language to sign language and vice versa)</td>
<td>Intercedes between a child and the environment, allowing access to information usually gained through vision and hearing</td>
<td>Provides support that enhances independence (e.g., facilitating communication, providing sighted guidance, and transportation to/from events)</td>
</tr>
<tr>
<td>Works with deaf-blind people of all ages</td>
<td>Primarily works with children and young adults</td>
<td>Provides services to deaf-blind youth and adults who are able to make independent decisions</td>
</tr>
<tr>
<td>Is a conduit through which information flows</td>
<td>Facilitates learning and the development of skills (e.g., receptive and expressive communication, interactive behavior)</td>
<td>Facilitates interaction between a deaf-blind person and the environment</td>
</tr>
<tr>
<td>May have received professional training in an interpreter-training program</td>
<td>May or may not have received specific training (however, training or coursework is recommended)</td>
<td>Is encouraged to receive basic training in the area of deaf-blindness, including communication strategies, sighted-guide techniques, and cultural issues</td>
</tr>
<tr>
<td>Interpreter</td>
<td>Intervener</td>
<td>Support Service Provider</td>
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<td>-------------</td>
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</tr>
<tr>
<td>Someone who</td>
<td>Someone who</td>
<td>Someone who</td>
</tr>
<tr>
<td>Should hold national and/or state certification/licensure and may have a college degree</td>
<td>Has varying educational and vocational experiences (some states offer coursework/certification)</td>
<td>Has varying educational and vocational experiences</td>
</tr>
<tr>
<td>Abides by a code of ethics</td>
<td>Acts in a manner that is governed by the local education agency and federal education laws Uses the Individual Education Program as a roadmap for learning Is considered a paraprofessional and works with, but does not replace, the teacher</td>
<td>Abides by standards established by the coordinating agency</td>
</tr>
<tr>
<td>Belongs to a national/regional organization of certified interpreters (e.g., Registry of Interpreters for the Deaf, National Association of the Deaf)</td>
<td>May or may not be in contact with other paraprofessionals</td>
<td>May belong to the coordinating agency’s network of SSPs May interact with other SSPs during local or national events</td>
</tr>
<tr>
<td>Will work in various environments (e.g., educational, medical, religious, social)</td>
<td>Works mainly in an educational setting but may also provide assistance in the community (e.g., daily living skills, medical situations, vocational environments)</td>
<td>Provides assistance in various settings, including the home and community</td>
</tr>
<tr>
<td>May be paid independently, through an agency or by an employer Is paid commensurate with certification &amp; local standardized fees</td>
<td>Is paid by the local education agency or a community provider</td>
<td>Is usually a volunteer, unless funds have been allocated</td>
</tr>
<tr>
<td>Is required to independently maintain certification through professional development</td>
<td>Is expected to attend workshops offered in educational settings</td>
<td>Is usually not required to attend further training but is encouraged to improve communication skills and interact with the deaf-blind community</td>
</tr>
<tr>
<td>Must remain impartial at all times</td>
<td>Wears “different hats” (e.g., as interpreter, guide, facilitator)</td>
<td>Remains impartial but has more flexibility than an interpreter</td>
</tr>
<tr>
<td>Must keep all information confidential</td>
<td>Is allowed and expected to share pertinent information with team members (e.g., parents, teachers, related service providers)</td>
<td>Is expected to keep information confidential</td>
</tr>
<tr>
<td>Is expected to keep a “professional” distance</td>
<td>Maintains an educational (teacher-student type) relationship</td>
<td>Is expected to act in a “professional” manner, but may develop personal relationships</td>
</tr>
<tr>
<td>Acts as a conduit (does not “teach” and is not responsible for ensuring that the deaf-blind individual learns what is being shared)</td>
<td>Is accountable for decision-making to enhance learning</td>
<td>Does not teach but does provide access to the environment to empower the deaf-blind person</td>
</tr>
<tr>
<td>Always keeps opinions to him/herself</td>
<td>Empowers individual to make his/her own decisions</td>
<td>May provide feedback/opinions when asked</td>
</tr>
</tbody>
</table>
References


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Communicating with individuals who are deaf-blind is a unique experience. The language, mode, style, speed, and aids and devices used to facilitate communication are different from person to person. If you are interpreting for an individual who is deaf-blind you will need to know what adaptations will be appropriate and what additional environmental concerns you should be aware of. This article provides helpful hints about techniques that will enhance your comfort and ease your concerns when working with deaf-blind people.

The information in this article will be useful to a variety of communication partners such as interpreters, support service providers, intervenors, teachers, companions, and anyone else who is facilitating communication with an individual who is deaf-blind. It assumes that you are already fluent in the consumer’s preferred sign language system and knowledgeable of cultural and linguistic differences that may affect your interaction. Due to the various etiologies, modes of communication, and cultural and linguistic differences among individuals in this population, some of these suggestions may be applicable to one consumer but not to another. It is imperative to ask the consumer his or her preferences on how the message should be conveyed and what additional auditory and visual information should be detailed.

### Expressive Communication

#### Appearance/Attire

Wear clothes that provide contrast for your hands. Consider the following guidelines when selecting clothing:

- Dark colors (black, navy blue, brown, dark green, etc.) for persons with light skin
- Light colors (off-white, tan, peach, etc.) for persons with dark skin
- Solid colored clothing (avoid stripes, polka dots, etc.)
- High necklines (no scoopnecks or low v-necks)
- Professional, yet comfortable enough to allow for flexibility

Many people wear a smock over regular clothes and keep one in their office or car for accessibility.

Wear plain jewelry that is not visually or tactually distracting. Avoid rings, bracelets and necklaces that may interrupt the flow of communication. Avoid sparkling or dangling earrings as they can reflect light and cause interference.

Fingernails should be short, neat, and filed smoothly. Rough edges can be irritating. A neutral color of polish may be worn, but avoid bright reds, dark colors, French manicures, or other frills.

Due to close sharing of personal space, you need to ensure good personal hygiene.

- Avoid perfumes and scented hand lotions.
• Wash hands often or use an antibacterial lotion when moving from consumer to consumer to reduce the risk of “germ sharing.”
• Use non-oily, unscented lotion on a regular basis to avoid dry or rough skin that may cause distractions when communicating for extended periods of time.

Distance & Seating
The distance between you and the consumer will vary from situation to situation depending on the consumer’s mode of reception. The consumer may use visual reception while you are signing in a reduced area sitting at a specified distance away. This situation may occur if an individual has peripheral vision loss and relies on central vision (also known as “tunnel vision”). Tracking is another possible visual modification. Tracking allows the consumer to keep your hands in a restricted signing space by grasping either your forearms or wrists.

When communicating tactually, close seating is necessary. There are a variety of seating arrangements. For example, when communicating with a one-handed tactile receiver, you and the consumer may sit side-by-side or at the corner of a table so that the consumer can rest his or her elbow. However, if the consumer is a two-handed tactile receiver, a comfortable position is to sit facing each other with legs alternating. Women may want to avoid short or straight skirts as they are problematic for this configuration. Slacks or wider, full skirts allow more flexibility.

For both communicators, it is helpful if the levels of the chair seats compensate for the height differences of the signers. For comfort and in order to avoid fatigue, your bodies and signing spaces should be at similar levels.

Chairs with arm rests and back support are helpful. An additional chair may be placed next to each communicator. The back of the chair can then be used to provide support for either the signing or the receiving hand.

Signing Space
Be sure that both you and the consumer are comfortable with the personal and signing space established. When communicating with individuals who rely on residual vision (e.g., tunnel vision), you need to be cognizant of the location of your hands in the signing space. They should be held slightly below your face in front of your clothing to allow for color contrast. When communicating tactually, it is helpful to move the general signing space down to the chest for postural ease.

During tactile signing, you must be comfortable using signs that come in contact with the body. The location of signs and consistency of placement are crucial for clear communication. Adaptations such as ducking your head to accommodate for the sign for “father” or “mother,” for example, will cause confusion because the receiver determines gender by the height of the signer. In some cases, however, to be less obtrusive, simple modifications may be made to certain signs by either lowering or raising the hand slightly from its original contact position. For example, “home” which touches the face or “body/mine” which touches the chest.

Hand Positioning
The use of one-hand versus two-hand tactile reception of communication varies depending upon the preference of the consumer. Allow the consumer to place his or her hand(s) where he or she is comfortable and to follow your hands freely. Do not “squeeze” or pull the consumer’s hand(s) toward you.

Conveying the Message
Whether communicating tactually or visually with someone with reduced vision, you must identify who is talking and where the speaker is located. If it is known, use the sign name of the individual and point in the direction where they are seated. If a sign name is unknown and it is an inappropriate time to request one from the speaker, one can be created between the interpreter and consumer to save time and establish consistency.

Before the activity, if at all possible, discuss the consumer’s preferred mode, style, and speed of communication. In order to convey the tone and manner in an accurate way, attempt to follow the speed and fluidity of the speaker while meeting the speed of reception and processing time of the consumer. To ensure clarity, however, fingerspelling and number production should be produced at a slower pace for both visual or tactile receivers.

One of the essential components to communicating visually is facial expression. If a consumer has tunnel vision, low vision, or complete blindness, many or all of these expressions can be lost. It is imperative that you become adept at adding facial expressions using hand and body language. Signs can be added to describe the apparent emotion of the speaker. For example, if a person is laughing, the signs for “smiling,” “laughing” or “hysterically laughing” can all be added to aid in conveying the speaker’s expression. If the speaker is angry, you may add the signs for “raised eyebrows,” “frowning,” or “mouth turned down.”
When relaying facial expression, it is not necessary to constantly repeat the same expression but do convey any change in facial expression. If a person is upset, frowning, has tears in his eyes and then begins to cry, pulls out a handkerchief and blows his nose, all that information should be relayed. However, if a person is frowning and maintains this expression throughout the conversation, it does not need to be repeated more often than at the beginning and end of the speaker’s monologue.

Use body language to convey the message (spoken language or body language) of the speaker whenever possible. For example, if the speaker shakes his or her head dramatically, bends over in laughter, and grimaces in disagreement, the interpreter should relay this information by replacing head movement with hand movement and arm movement to replace upper torso movement.

Tactile Adaptations

When using signs that require and provide information from two hands (“highway,” “garage,” “meeting people,” “total communication”), both of your hands should come in contact with the consumer’s hand. This can be done either through a one-handed or two-handed tactile position. A skilled one-handed tactile receiver may not need additional contact for clarity. Use your judgment about when to move to a two-handed tactile approach in order to convey the message most accurately.

Some confusion or awkwardness in positioning can occur with various signs. For clarity, additional information may need to be added or a slight variation of the sign may need to be employed. Because a consumer may not visually be able to discriminate between “understand” and “don’t understand” it is imperative to elaborate the interpretation to include the sign for “yes,” “no,” or “not” or provide head movement in the hand. Many signs are similar and can be easily misinterpreted by the consumer. Simple additions can provide clarity. Consider the following examples:

- The word “gun” may be confused with the number “21.” To avoid confusion, fingerspell “g-u-n” and add the sign “number” before “21.”
- Due to body positioning the traditional sign for “dog” can be awkward. It is helpful to fingerspell “d-o-g” or use a version of a finger snap.
- To ensure clarity when fingerspelling, add the context before fingerspelling a word. For example, “city, c-h-i-c-a-g-o,” “name, k-a-r-e-n,” “time, 10:30.”

The print-on-palm method, instead of the tactile use of numbers, is sometimes preferred when conveying numbers and/or money. Use your index finger in the palm of the consumer’s hand. The letters should be in capitals (except for “I”), block format. Stay in the palm area. Do not print down the hand toward the fingers.

Be very clear about where a question is directed. Depending on the context of the question, a different sign may be employed. If the speaker is directing a question to the entire audience you could use the sign for “question/question mark” in a circular manner. If the question is directed to an individual, you should sign in the direction of the individual, adding the sign name or description of the person in question.

At times, it can be difficult to discriminate between a question and a statement. You may wish to add a question mark or question indicator after the statement to help avoid possible misunderstandings.

Describing the Full Environment

When entering a new environment, be sure to explain the surroundings. If you have entered a restaurant and there is a long waiting line and the customers look unhappy, relay this information. Describe the color of the walls and things in the room, decorative style, lighting, seating, table arrangement, and so on. Inform the consumer where things are located in relation to his or her body. For example, a chair to the immediate left, handouts on the right of the table, a pitcher of water directly in front. Use of the “clock” or “compass” concept to describe items in the environment may be helpful. You can say that the glass of water is at 12:00 o’clock or the braided handouts are on the east end of the table.

Describe items of importance or items that draw attention such as a woman wearing a violet suit, a video camera in the corner recording the meeting, people who appear to look uncomfortable, and so on. Additional visual information should be shared such as the news that a person in the meeting has fallen asleep, a couple is fighting across the street, or a person sitting across the table keeps sneezing. To the best of your ability, try to relay what is happening in the environment without allowing your personal opinion to influence the information that is being communicated. Describe how many people are in the environment and ask the consumer if he or she would like to know, by name, who is there.

When you are describing an event, it may be helpful to move from a one-handed tactile approach to a two-handed tactile approach to allow for a fuller description. For example, if you are describing Mi-
Receptive Communication Issues

Environmental Concerns

Numerous environmental factors can hinder the flow of communication. These include the following:

- Inadequate lighting that causes dimness or shadows. Additional floor lamps may be helpful. When establishing seating arrangements, consider where shadows will fall.
- Distracting overhead lighting such as light from overhead projectors and florescent lights.
- Glare from outside. Close the blinds or turn your seats in a different direction so that the consumer’s back faces the lighting source.
- Confusing background. It is helpful to have a solid, black or dark background behind you. This backdrop enhances visual reception for the consumer and can also provide assistance to a Team Interpreter who is feeding information and/or interpreting sign-to-voice. (A Team Interpreter is someone who works as a support partner to the interpreter who is currently communicating with the consumer. The Team Interpreter provides either visual and/or auditory information that may have been missed.)

Consumer Feedback

If you are working with the same consumer over a long period of time, establish a system that works for both of you. Certain tactile feedback provided by the consumer can aid the flow of communication. Examples include the following:

- “Keep going.” The consumer taps one or more fingers on top of your hand.
- “No.” The consumer’s two fingers (“no” sign) will tap on top of your hand.
- “Ha ha.” The consumer may put two fingers similar to the sign for “no” on top of the your hand or may sign “ha ha” under your hand.
- “What? Repeat.” The consumer gently squeezes and pulls your hand toward himself or herself.
- Facial expressions. These vary from consumer to consumer; however, you can clarify which expressions portray specific feelings. A frown may mean “confusion,” raised eyebrows may mean “thinking/processing,” head nodding may mean “I’m following/understanding,” and so on.

Team Interpreting/Duration of Interpreting

Due to the additional weight and unusual positioning used while interpreting tactually or communicating with visual modifications, you will want to work in partnership with someone else. To avoid fatigue or undue stress, you should switch often with your partner, approximately every 15 to 20 minutes. Try to coordinate this exchange with a natural pause to avoid interrupting the flow of communication.

Cumulative motion injuries can occur whenever there is repetition and extensive use of the hands. In addition, for consumers who receive information through tracking method or tactile sign language, taking breaks to rest and stretch the arm of the receiving hand may be necessary. Some consumers prefer to receive information in their nondominant hand to provide relief to their dominant hand. If you can perform sign communication with your nondominant hand at the same level as with your dominant hand, offering to switch hands may be greatly appreciated by the consumer.

Additional Information

Do not consistently interrupt the dialogue to check for clarity. Instead, it is helpful to set up a system with the consumer beforehand. For example, at the start you may say, “If I am not clear, please stop me.” It is then the consumer’s responsibility to ask for clarification. Continually asking, “Do you understand me?” or “Am I clear?” can be disruptive and insulting.

Due to the ambulatory issues of individuals who are deaf-blind, you may be asked to “sight guide” a consumer. It is helpful to become familiar with basic sighted guide techniques.

Discuss with the consumer what symbol or sign to use in an emergency. Some consumers and interpreters are familiar with the process of printing a large “X” across the back of the consumer. An “X” is a clear indicator that an emergency situation has occurred, sudden movement is necessary, and explanations will follow. However, even though this symbol is somewhat universal, not all consumers are familiar with this method.

Remember to rely on other communication partners in the environment for additional visual activity or information that may have been missed. Teamwork is essential!
Be honest about how the environment is affecting you. A consumer can tell if you are in a hurry, frustrated, mad, lazy, tired, scared, nervous, sloppy, don’t care, and so on. If you think it will affect your work, discuss your mood with the consumer. Remember to take breaks and stretch.

Finally, when in doubt...ASK!

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For Further Reading


