



## Severe and/or Multiple Disabilities

### ◆ Definition ◆

People with severe disabilities are those who traditionally have been labeled as having severe or profound mental retardation. These people require ongoing extensive support in more than one major life activity in order to participate in integrated community settings and enjoy the quality of life available to people with fewer or no disabilities. They frequently have additional disabilities, including movement difficulties, sensory losses, and behavior problems.

### ◆ Incidence ◆

In the 1999-2000 school year, the states reported to the U.S. Department of Education that they were providing special education and related services to 112,993 students with multiple disabilities (*Twenty-third Annual Report to Congress*, 2001).

### ◆ Characteristics ◆

People with severe or multiple disabilities may exhibit a wide range of characteristics, depending on the combination and severity of disabilities, and the person's age. There are, however, some traits they may share, including:

- Limited speech or communication;
- Difficulty in basic physical mobility;
- Tendency to forget skills through disuse;
- Trouble generalizing skills from one situation to another; and
- A need for support in major life activities, e.g., domestic, leisure, community use, vocational.

### ◆ Medical Implications ◆

A variety of medical problems may accompany severe disabilities. Examples include seizures, cerebral palsy, sensory loss, hydrocephalus, and scoliosis. These conditions should be considered when establishing services. A multidisciplinary team consisting of the student's parents, educational

specialists, and medical specialists in the areas in which the individual demonstrates problems should work together to plan and coordinate necessary services.

### ◆ Educational Implications ◆

In the past, students with severe and/or multiple disabilities were routinely excluded from public schools. Since the implementation of Public Law 94-142 (the Education of the Handicapped Act, now called the Individuals with Disabilities Education Act, or IDEA), public schools now serve large numbers of students with severe and/or multiple disabilities. Educational programming is likely to begin as early as infancy. At that time, as well as later on, the primary focus is upon increasing the child's independence.

In order to be effective, educational programs need to incorporate a variety of components to meet the considerable needs of individuals with severe and/or multiple disabilities. Programs should assess needs in four major areas: domestic, leisure/recreational, community, and vocational. These assessments enable the identification of functional objectives (objectives which will result in the learner's increased skill and independence in dealing with the routine activities of his/her life). Instruction should include: Expression of choice; communication; functional skill development; and age-appropriate social skills training.

Related services are of great importance, and the multidisciplinary approach is crucial. Appropriate people such as speech and language therapists, physical and occupational therapists, and medical specialists need to work closely with classroom teachers and parents. Because of problems with skill generalization, related services are best offered during the natural routine in the school and community rather than removing a student from class for isolated therapy.

Frequently, classroom arrangements must take into consideration students' needs for medications, special diets, or special equipment. Adaptive aids

and equipment enable students to increase their range of functioning. For example, in recent years computers have become effective communication devices. Other aids include: wheelchairs, typewriters, headsticks (head gear), clamps, modified handles on cups and silverware, and communication boards. Computerized communication equipment and specially built vocational equipment also play important roles in adapting working environments for people with serious movement limitations.

Integration with nondisabled peers is another important component of the educational setting. Attending the same school and participating in the same activities as their nondisabled peers are crucial to the development of social skills and friendships for people with severe disabilities. Integration also benefits nondisabled peers and professionals through positive attitude change.

Beginning as early as the elementary school years, community-based instruction is an important characteristic of educational programming. In order to increase the student's ability to generalize (transfer) skills to appropriate situations, this type of instruction takes place in the actual setting where the skills will be used. As students grow older, increasing time is spent in the community; high school students may spend as much as 90 percent of their day there. Programs should draw on existing adult services in the community, including group homes, vocational programs, and recreational settings.

In light of the current Vocational Rehabilitation Act and the practice of supported employment, schools are now using school-to-work transition planning and working toward job placement in integrated, competitive settings rather than sheltered employment and day activity centers.

### ◆ Resources ◆

Downing, J.E. (2002). *Including students with severe and multiple disabilities in typical classrooms: Practical strategies for teachers* (2<sup>nd</sup> ed.). Baltimore, MD: Paul H. Brookes. (Telephone: 800-638-3775. Web: [www.brookespublishing.com](http://www.brookespublishing.com))

Klein, M.D., Chen, D., & Haney, M. (2000). *PLAI: A guide to communication with young children who have multiple disabilities*. Baltimore, MD: Paul H. Brookes. (See contact information above.)

Orelove, F., & Sobsey, D. (1996). *Educating children with multiple disabilities: A transdisciplinary approach* (3<sup>rd</sup> ed.). Baltimore, MD: Paul H. Brookes. (See contact information above.)

Rainforth, B., York, J., & Macdonald, C. (1997). *Collaborative teams for students with severe disabilities: Integrating therapy and educational services* (2<sup>nd</sup> ed.). Baltimore, MD: Paul H. Brookes. (See contact information above.)

*TASH Newsletter*. Monthly newsletter from TASH. (See contact information below.)

### ◆ Organizations ◆

TASH  
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