

# Speech and Language Pathology Services

Swedish speech-language pathologists are specialists who provide evaluation and treatment for a variety of speech, language, cognitive-communication and swallowing disorders to both adults and children. The following services are available at our three Swedish Rehabilitation Services locations and through Pediatric Therapy Services.

#### **Communication Disorders**

Speech-language pathologists evaluate, educate and train patients and families learning new ways to communicate following stroke and other neurological disorders.

Common communication disorders treated include:

- Asphasia
- Apraxia and other articulation disorders
- Dysarthria
- Dysfluency (Stuttering)

# Cognitive Therapy

Cognitive training helps improve each patient's attention and concentration. Patients and families learn compensatory strategies, new ways to cope or manage mild to moderate memory loss.

Cognitive problems treated include:

- Attention
- Concentration
- Memory
- Visual perceptual
- Reasoning and problem solving

Conditions associated with these problems are:

- Anoxia
- Cerebral vascular accident
- Alzheimer's disease
- Head injury
- Progressive neurological disease
- Cognitive problems following chemotherapy

#### Head and Neck Cancer

Treatment is available to help manage difficulties that head and neck cancer patients face post-operatively or following radiation.

Services available include:

- Pre-surgical consultations
- Post-surgical electrolarynx training
- Swallowing evaluation and exercises
- Recommendations on diet, food choice and texture

## **Post-Operative Laryngectomy**

For laryngectomy patients, we provide voice rehabilitation and alaryngeal (no voicebox) prosthesis training relating to electrolaryngeal, esophageal and the tracheoesophageal.

## **Swallowing Disorders**

Early evaluation and treatment of swallowing problems can prevent upper respiratory congestion and/or pneumonia. Speech-language pathologists work closely with radiologists to evaluate swallowing using modified barium swallow studies to help determine the cause of the swallowing problem as a result of:

- Stroke
- Cancer surgery
- GERD (gastro-esophageal reflux)
- Progressive neurological disorders
- Pulmonary disease

Treatment typically includes management of:

- Diet and food texture recommendations
- Swallow management
- Compensatory swallowing techniques

(continued)

### Voice Therapy

This program is effective in increasing loudness, allowing the patient to fulfill his or her daily voice and/or speech communication needs. Treatment may include phonation exercises, myofascial release techniques, and other methods to prevent vocal fatigue, vocal loss and hoarseness.

Vocal pathologies treated include:

- Vocal nodules
- Polyps
- Vocal fold paralysis
- Chronic hoarseness
- Spasmodic dysphonias
- Parkinson's disease
- Muscle tension dysfunction

## **Professional Voice Therapy**

We provide individualized evaluation and treatment for performing artists, public speakers, and others interested in enhancing performance including teachers, salespeople, radio and television workers and telemarketers.

#### Specialties include:

- Singing techniques
- Training to increase volume for patients with Parkinsons' disease based on the Lee Silverman Program in combination with other methods
- Patient feedback enhancement through use of the Visi-pitch computer program
- Lessac Madsen Resonant Voice Therapy, holistic voice therapy to treat vocal fatigue or loss of voice due to muscle imbalance problems



#### **OUTPATIENT REHABILITATION SERVICES**

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