

# Sensory Processing

## Sensory Processing Disorder

Sensory processing is when the nervous system processes the message it has received from the senses and the resulting motor or behavioural response. In sensory processing disorder (also known as sensory integration disorder/dysfunction), the sensory signals are not interpreted in the typical way. A person with SPD will find it difficult to process and respond to the information received from the senses.

### There are three main subtypes:

#### Sensory Modulation Disorder

Difficulty regulating response to sensory stimuli.

This subtype is broken down further into: Sensory Over Responsivity, Sensory Under Responsivity and Sensory Craving.

#### Sensory Based Motor Disorder

Difficulty with balance and coordination + skilled motor tasks.

This subtype is broken down into: Dyspraxia and Postural Disorder

#### Sensory Discrimination Disorder

Difficulty in understanding sensory stimuli, i.e. difficulties in understanding what is seen, heard, tasted, felt and smelt. This subtype is broken down further into each of the sensory systems.

**Hyper**  
Receiving too much information

**Hypo**  
Receiving too little information

