# "Sense-sational" Play Therapy: Play Interventions & Consideration for Sensory Sensitivities



HCC-TAPT
January 2022
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1

# Learning Objectives

- Develop a basic understanding of the clinical presentation of sensory processing disorder (SPD) and how it relates to neurodiverse populations.
- Articulate 3-5 unique challenges associated with this population and how this necessitates treatment with play therapy.
- Identify the primary sensory and neurobiological functions that inform sensory-processing challenges (e.g., vestibular deficits).
- Learn and be able to apply 5-6 play therapy interventions that are sensory-specific, as well as, create a sensory-lifestyle for a case example.
- Experience hands on interventions for the playroom
- Learn how to collaborate and refer to outside resources to assist families.

# As Play therapists we...

We learn about mental disorders, behavioral disorders, child development, neurobiology, specific modalities of treatment, specific modalities within play therapy to meet the various needs of the children we meet.

However, we often lack training about the "machinery" of the child. The function of how the body interacts with its environment externally & internally!

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3

# We learn play is the language of children...

I'm here I hear you I understand I care

Can we translate correctly if we don't know about the brain-body glitches?

# Regulation is Foundational

#### **Body before Brain**

We must treat a child understanding the functioning of their sensational aspects of life
-their way of being.

The aspects of life to soothe, comfort, alert, & warn us.

We assume that the body will integrate the brain and the body seamlessly without a glitch. We know neurobiology informs the efficacy of play therapy, and this knowledge is needed especially for children with trauma and sensory sensitivities

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5

# What is SPD?

Sensory Processing Disorder (SPD,) is a condition that exists when sensory signals don't get organized into appropriate responses.

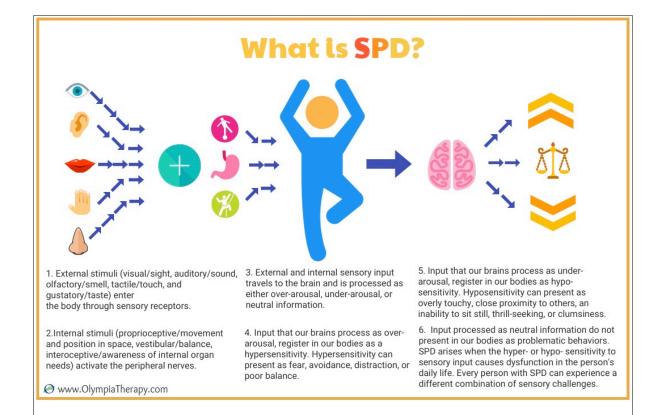
Pioneering occupational therapist and neuroscientist A. Jean Ayres, PhD, likened SPD to a neurological "traffic jam" that prevents certain parts of the brain from receiving the information

Preliminary research suggests SPD is often genetic, prenatal maternal stress, birth complications & environmental factors may be at play- it is neurodevelopment.

#### General Population is 1 in 6 children have sensitivities.

needed to interpret sensory information correctly.

Likely a factor of both genetics & environment



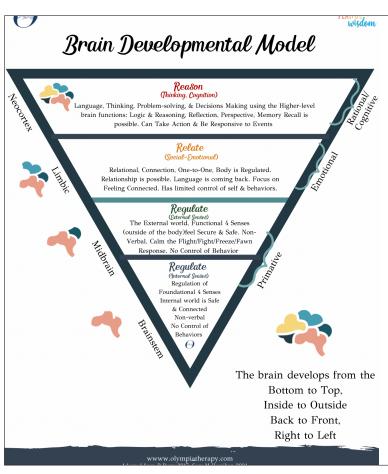
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7

	Typical Sensory Processing	Sensory Processing Disorder
WHAT	The brain's ability to take in sensory information and use it in daily life.	Over-responsitivity and/or under- responsitivity to vestibular, proprio- ceptive and interoceptive input. The same may occur with the other senses as well.
WHERE	Typical Sensory Processing occurs in the Central Nervous System in a step-by step process.	Occurs in the Central Nervous system but the normal process is disrupted between sensory and motor functions.
WHEN	Starts developing in the womb and continues throughout childhood and adolescence.	Sensory Processing Disorder seems to happen in utero, during birth or in early infancy.
WHY	Sensory processing allows a person to survive, make sense of their surroundings and interact with their world.	Connections between neurons in the Central Nervous System are ineffective.
HOW	When a person takes in information through the sensory receptors (eyes, inner ear, ears, muscles, nose and mouth) it is processed automatically.	The sensory information taken in is not sent effectively through the Central Nervous System and/or sensory information sent out of the body is not effective.

Stock-Kranowitz, 2016

www.OlympiaTherapy.com



### RELATIONSHIP REQUIRED

SPD is often mislabeled as behavioral problems, therefore assumed to be intentional and controllable.

Addressing only the behavioral issues doesn't address the PROBLEM, leaving the SENSORY issues unaddressed & challenges ongoing.

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9

# SPD can be mislabeled as behavioral problem due to lack of understanding of the difference between a ...

#### Tantrum:

Goal oriented
Intensity changes based on how the "in charge" person
responds
Avoid injuries
In control of their actions

Stops once they get what they want

#### Meltdown:

Demands do not precede it, typically springs from sensory overload

Reactions from those "in charge" do not change it

Lasts longer Could get injured

No control, acting from a primal state

Stops when another person acclimates the child's

surroundings

# What happens when sense of safety is constantly thwarted?

Their Window of Tolerance is significantly smaller, with even smaller moments of possible repair.

A"Flipped lid" happens more often

"Joy Juice" is blocked, thus impeding learning

**Seeking system** is focused on searching for safety

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11

# What is the Seeking System?

Seeking System: In general, the system in our brain that actively looks for things that feel good to our Brain and Body.

The seeking system in a child with SPD is constantly looking for things that make their <u>body feel Good and Safe</u>.

The release of "Joy Juice" is one sign that tells the brain and body they are feeling good.

Only when Safety is present: Can ones Perception of the world lead to Learning & Knowing the World.



# "Joy Juice"

Occurs naturally when there is a strong, emotional connection and relationship.

Joy Juice & Connection are needed for the glitches to Reintegrate & Improve

When dopamine, serotonin, oxytocin, and gaba (joy juice) are prominent in the brain, the world is a warm and inviting place.
Allowing for: security, curiosity, & happiness

When the body is in fight or flight it blocks the release of "Joy Juice."

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13

### The Role of the Play Therapist is to: Engage the Seeking System for Regulation & Be In Relationship

# How Play Heals!

Play provides the safety needed for the SENSES to integrate the Brain & Body.

#### **Neuroception of Safety**

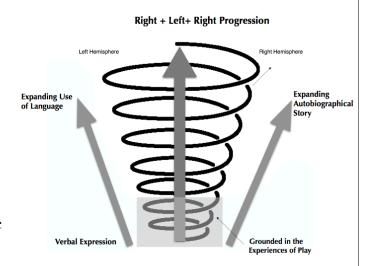
in Play Therapy

My body is safe

My feelings are safe

My thoughts, words, ideas are safe

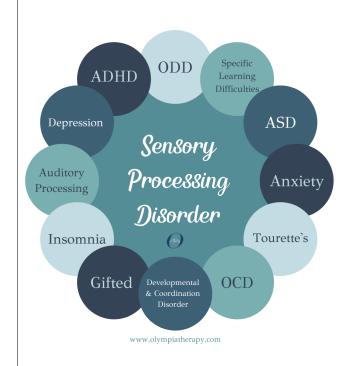
Things I make are safe



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15

### Clinical Considerations Specific to SPD



This knowledge about SPD & Neurodiversity helps avoid:

- Misdiagnoses
- Blaming a child or parent
- Ineffective treatment
- Not referring to the appropriate provider and/or services
- Harm being caused

### Clinical Considerations Specific to SPD

Sensory Processing Disorder and/or difficulties share similar symptoms and behaviors as common diagnoses like ADHD, Anxiety, etc.

It is important to know if SPD is the perpetuator of behavior, if it is combined with another diagnosis.

Without this knowledge and incorporation, treatment may not be as effective.

Dysregulated children in the play room often appear with similar symptoms of ADHD, Anxiety, & Trauma.

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17

# Raise a Hand & Keep it up if...

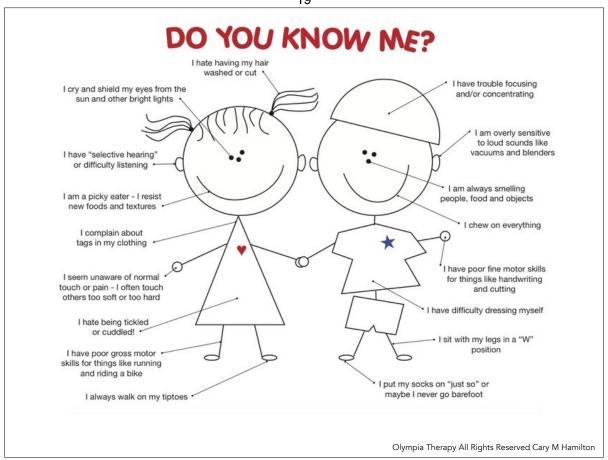
- Chew on pens/bottle caps/random stuff
- Rock or sway when standing
- Prefer the lights off
- Like to wear hats
- Always has music on/must have quiet
- Dislike mushy foods or mixed textures
- Leans against things like walls/ couches/chairs
- Prefer to be under/on top of the blankets

- Prefers the the corner of the couch
- Always have their shoes/socks off
- Slouch/ Lay down vs Sitting up
- Always clumsy, run into things
- Has bruises but don't know how it got there
- Prefers sour/tart foods
- Chews gum frequently
- Only drinks out of straws
- Can smell stuff others can't or before they do

### Now, a snapshot of our Senses, what to look for, & tools for regulating them!

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19



# Our 8 Sensory Systems?

Functional 4
Oral/Gustatory
Olfactory
Visual
Auditory

Foundational 4
Tactile
Proprioceptive
Vestibular
Interoception

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21

### The Foundational Four

The What? When? How? Play? of Tactile, Proprioception, Vestibular, & Interoception

## Tactile Sense: Touch/Skin

Receptors are located within the skin- Particular areas that are extremely sensory rich: face, mouth, hands, & feet

Many types of information are processed: pain, pressure, texture, temperature

High protective function: alerts us to Danger

Immense discrimination and precision needed

GLOBAL: Whole body & Subcortical Contributes to body awareness (proprioception) Praxis (motor planning)

Learning and social skill development (fundamental to interpersonal behaviors)

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23

# Tactile Sensitivity: Over-Responsivity & Under-Responsivity

Sensory Over-responsive:

Avoids touching textures, such as dirt, sand Rigid with types of clothing worn (rough clothes, seams in socks) Refuses or resists messy play Resists cuddling and light touch

Resists baths/showers/going to beach

Sensory Under-responsive:

Does not notice when hands are messy

Does not notice cuts and bruises

Doesn't realize hands or face are dirty

May play rough with peers or not feel pain

Sensory Craving:

Seeking out experiences to

touch things

Constantly fidgets with objects

Sensory Discrimination:

Constantly runs hands through

certain texture

Puts non-food objects in mouth



# Tactile Sense

# Engagement

- Fidgets galore! Figure out what they like what they don't like. Make it a game.
- Orbeez/water beads- Make stress balls, have hands in while reading a psycho-education book.
- Shaving cream/Pudding drawing
- Ice cubes-wet/dry, cold/hot
- Punch Balloons- Tactile/visual/ proprioception

#### Playroom Activities

- Sensory bins filled with rice, lentils, beans
- Sensory dough such as play dough, kinetic sand, etc.
- Practice squeezing objects (progressive muscle relaxation exercises)
- Weighted materials, stuffed animals, lap pads, vests or blankets
- Bobo doll to punch or roll on, drag or push
- Bean Bags- reading or learning in
- Large Pillows- soft

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25

### Proprioceptive Sense: What Is It?

Proprioception informs us of our body position in space. Receptors for this system are located primarily in our muscles and relay information on muscle length and tension.

#### Proprioceptive Sense: Muscle & Joint Input

Used to promote calm... down regulates us (BRAKES)
Used to alert...up regulate us (GAS)

Firm input may be not perceived as dangerous or alerting the way light touch might be

Function is modulation & discrimination Adjusts all actions: strength, precision, coordination (gross and fine motor)

Often involved in mediating physical pain or discomfort Functional Receptors are in the muscles, tendons, joints, and sheaths around bones

Where is my body including: awareness location & state of body parts:

Position of body and limbs

Force and pressure

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27

# Proprioceptive Sensitivity: Over-Responsivity & Under-Responsivity

Sensory Over-responsive: Unable to sit for long periods of time due to discomfort Avoids jumping or bouncing activities

Sensory Under-responsive: Slouches when sitting in a chair or floor Sits in one position for long periods of time

Sensory Craving:
Seems to always be jumping or bouncing
Crashes into couch cushions or bed at home, walls, and poles

Sensory Discrimination:
Falls or bumps into objects( steps)
Does not use the right amount of force to push/pull/grasp

# Proprioception

#### Engagement

- Sensory Sock
- Weighed blanket-Placement
- Punching balloons
- Yoga poses Ind/Together
- Pile under pillows or Bobo doll
- Putty or Model Magic
- Tape Mazes
- Animal walks/ Hopscotch
- Bean bag game

#### Playroom Activities

- Lifting boxes/toys/medicine ball
- Weighted lap pads/blankets/throw heavy bean bag game
- Play with vibrating toys
- Trampoline or Bobo doll (awareness of self in relation to others), ROWDY
- Wall push-ups
- Play dough kneading, tug of war with therapy band
- Use minimal words
- \*\*Note: light touch is more activating; upregulate by moving muscles

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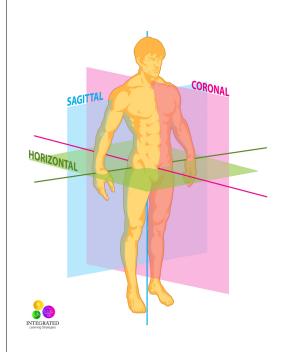
29

Proprioceptive Activities



Yoga poses Ind/Together
Pile under pillows or Bobo doll
Putty or Model Magic
Tape Mazes
Animal walks/ Hopscotch
Bean bag game

### **Vestibular Sense: What Is It?**



Our vestibular sense responds to a change in your head position or having your feet lifted off of the ground.

Movement internally and externally

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31

# Vestibular Sensory Input: The Great Integrator

The body knows if it is moving or not, head up or down?

Are we balanced or not?

Are we moving "safely" in the world?

Arousal, Vision, Posture, Balance, Coordination Timing, Sequencing, Coordination

If the body is not safe in space, my emotions are not safe.

#### Vestibular Sensitivity: Over-Responsivity & Under Responsivity

Sensory Under-responsive: Does not get dizzy when spinning "Wakes up" with intense movement

#### Sensory Over-responsive:

Refuses the swing, slide, and spinning: prefers sedentary activities Anxious when climbing or when feet leave the ground

#### **Sensory Craving:**

Enjoys climbing/jumping from tall heights
Constantly spinning, climbing, rolling, running, hiding IN things

#### **Sensory Discrimination:**

Does not adjust posture when on a swing to prevent falling off Trips when walking up the stairs or falls when climbing

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33



# Vestibular

# Engagement

- Tape Maze
- Oball Crossing the Midline
- Ceiling Walk (Laying on back)
- Balance Board/Wiggle seat
- Rock body/ Boat Pose
- Get them Upside Down on the floor or hanging off a chair

#### **Playroom Activities**

- Crossing the Midline is the GOAL!
- Swinging
- Jumping/moving during play
- Spinning
- Hanging upside down (is like being in water)
- · Games that facilitate movement
- Sit on flexible objects, wiggle seat
- Sit and bounce on an object, therapy ball, Rody

### Regulating Tasks for the Play Room

Frog hops
Bear Walk
Gorilla Shuffle
Starfish jumps
Crab Crawl
Elephant Stomp
Superman Pose
Cross shoulder touch
Knee to elbow- cross body

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35

#### **Interoceptive Sense: What Is It?**

Interoception refers to our internal senses.

Any sensations that originate from within the body, intuition, like the feeling of hunger and thirst, sickness, heart rate, and the feeling that one needs to use the bathroom.

#### Interoception Sense: Internal states of Being

Sensors are in the internal organs, and nerves throughout the body.

Sense of Physiological & Physical body safety

Purpose is to maintain physiological balance

Linked to emotion regulation & awareness of self

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37



# Interoception



### Engagement

- Warm baths, warm tea
- Texture play with foods
- Ice cold drinks
- Sucking on ice cubes
- Hot Cold Recognition
- Engage multiple sense at once, balance activities

### **Playroom Activities**

- Jumping Jack with Stethoscope after
- Wiggle seat/balance board
- Yoga Core muscle poses- Boat
- Language use of differencesopposites: Hot/cold, tight/loose, soft/hard touch
- Weighted blanket

### Our Senses develop A synchronistically

- The 8 Senses develop at different rates.
- Often it will appear as regression "they used to be able to do that" or "they could do it last week"
- They spend more time in interests that are younger than age, seek comfort in old known toys/cartoons of their youth.
- As the focus is heightened in one area balance(vestibular) they may start to drool losing oral abilities.
- They were ok with goldfish crackers yesterday and today it causes a meltdown.
- Helping parents to understand this is growth and positive, and not a set back to prevent shame, and consequences for behavior.

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39

### CCPT to Sensory in the Play Room

Using the CCPT of reframing and reflecting with the focus on what the body is doing. The child maybe aware of it or not. The Goal is to guide them to recognize their engagement of the sensory need just as we would feelings. Providing the language and cognitive link to their behavior.

- It looks like you need to calm your body by jumping/crashing/spinning/bundling up
- You turned the lights out telling me it's to bright in here.
- You enjoy balancing on the stones. You are showing me you like how that feels.
- You are practicing balancing on the BOA
- You are showing me how strong you are by picking up the heavy BOA
- You like how the sand feels on your hands. You are showing how much you love sand on your skins you put your elbows in.
- You are exploring that with all of your senses (smell, taste, touch, squeeze)
- You are showing me you feel the need to move and stretch your body in that (sensory sock)
- You enjoy smelling every thing teroception
- You know what your body needs to feel calm, you enjoy being that heavy blanket.
- You are using that chair to spin in circles ways what your body needs, (now we need to unpin your brain, and go the other ways.
- You are taking care of your body. I trust that you know best what your body needs of your body needs of the rapy All Rights Reserved Cary M Hamilton

### The Functional Four

The What? When? How? Play? of Gustatory, Olfactory, Visual, & Auditory

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41

# Gustatory Sense: In the mouth

Discrimination: "I know my world..."

Tastes are associated with specific taste, texture, temperature, feel

Closely linked to Olfactory, association between past experiences or memory with scent—pleasant or unpleasant

Sense Function is both protective & discriminatory!

Closely linked to Pleasure & Pain

#### Gustatory Sense: Over- Responsitivity & Under-Responsivity

- Very picky eaters: few food choices
  - Avoids certain textures of food; difficulty with new foods
  - May not notice 'bad foods'
- Some may have long history of food refusal, feeding challenges
- Sometimes gagging or nausea at thought of foods
- May be drawn to crispy foods that break up easily in teethmunch/crunch
- Food choices/demands may lead to problems with nutrition, Grazing results in 50% less calorie consumption

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43



# Gustatory



# Engagement

Hi- chews
Vibrating chew toys
Vibrators on jaw.
Blowing bubbles in water/juice/
milk

Straws: blow pom-poms Pudding play: tactile & oral

### Playroom Activities

- Blow bubbles and pinwheels
- Blow whistles or other instruments
- Blow objects across a table
- Drinking through a straw (exposure to sensation/good proprioceptive input as well)
- Chewable necklaces
  - Alternative chewy toys-different levels of intensity
  - Vibrating teething toys

# Olfactory Sense

Scents are associated with specific people, places, items
I "know" a place or thing by its smell
Our Culture

Closely linked to Gustatory
Direct neuronal link to memory center in brain- Fast
Track to memory

#### **PRIMITIVE Reactions**

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45

# Olfactory Sensitivity: Over-Responsivity & Under-Responsivity

Acutely aware of scent and odor - smells everything! OR Can't smell anything

May be accompanied by psychological reactions (panic)

May be very precise or picky about food choices OR eats everything, including none food items

May use sense of smell to identify objects or "know" people OR doesn't recognize danger e.g. smoke

May have difficult time in community gathering or eating places: cafeteria, restaurant, etc



# Olfactory Playroom Activities

- Scented markers
- Scented play dough or sand- Be consistent
- Shaving cream with Essential Oils
- Fresh Cut herbs
- Guessing smells and reactions to them(vinegar, garlic, orange, vanilla, rosemary)
- Make Smelly Paint(vanilla, cinnamon etc.)
- Avoid candles or other scents in playroom OR have calming scents
- Avoid having children in office after lunch (microwave)

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47

# Visual Sense

Vision provides us with 80% of information about our environment

High discrimination needed

Closely linked to Auditory & Vestibular.

We constantly scan for visual patterns Guides motor actions: especially fine motor

Requires very well coordinated eye muscles

# Visual Sensitivity: Over-Responsivity & Under-Responsivity

Sensory Over-responsive:

Avoids being in room with bright lights/turns lights off/on Wears hats, squints a lot, dislikes crowded spaces, big box stores

Sensory Under-responsive:

Complains eyes are tired when looking at book, rubs eyes often, covers eyes up Difficulty focusing on a still image

**Sensory Craving:** 

Stands in front of mirror or reflective surfaces for long periods of time Spins wheels, fans, or self and intently watches

**Sensory Discrimination:** 

Confuses the letters "d" and "b" frequently

Difficulty finding a specified object in a busy/complex picture

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49

# Visual Playroom Activities

Be aware of lighting; have options

Play flashlight tag or "I spy"

Sensory sensitive rooms: Toys are in bins, visually less chaotic

Decorations in spaces are limited or areas of high focus are needed

Do visual activities after other inputs

Use a timer -as a cue

Sunglasses & Hats

Hiding cups activity

Playing Catch across the Midline

Have a hiding place that is squishy





















# **Auditory Sense**

#### Hearing Highly protective Linked to Visual & Vestibular

#### **High Discrimination**

Relationship of sound to me (gives spatial awareness of my world, shape, distance, size, timing)

Extremely Precise:
Phonemes/letter sounds, sounds in words, words in phrases phrase in sequences and sentences

Speech challenges often a result

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51

#### Auditory Sense: Over-Responsivity & Under-Responsivity

Sensory Over-responsive: Covers ears in noisy environment

Fears unexpected/excepted noises eg. toilet

Sensory Under-responsive:

Does not respond to name being called; unaware of source of sound, makes sounds themselves

**Sensory Craving:** 

Requests music that is fast or loud

Makes noises in quite environments

Sensory Discrimination:

Has a hard time differentiating words such as "think vs. thing"

Poor ability to adjust volume of voice



# Auditory Playroom Activities

Use of headphones (ILS)
Sing songs while doing movement exercises: Simon Says
Have a white noise machine/or not
Talk slowly, clearly, while making eye contact
Use American Sign Language
Use other signals: touch, chime/bell, body movement
Musical instruments, Microphone
Rainstick
Pop tubes
Use mouth to make animal noises
Guess the sound games
Drumming

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53

### Sensory Craving (Chaotic Registration)

Behaviors will not remediate, they are unconscious, they can become aggressive and often belligerent to meet their needs.

They are often deemed out of control.

They tend to be thrill seekers- they need constant supervision.

Unreachable locks a must.

Lots of expulsions from primary school and day care

### Sensory Craving (Chaotic Registration)

- Obsessively Active Or Fidgety, loves hanging from bars, climbing and stretching
- Can't sit still, Runs not walks, uses a loud voice
- Cracks knuckles, neck, joints
- Appears impulsive, unruly, nothing is enough
- Grinds Teeth, picks skin, bites/mouthes everything
- Jump, Swing. Spin-Excessively
- Bumps into people or things- Often the same place on the body, falls on the floor and rolls around
- Difficulty figuring out how to do new tasks

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55

# Sensory Craving Exercises

Tape maze
Jump Mat/ Hopscotch
Trampoline
Punch balloons
Beach Balls
Balance Boards

# Sensory Craving (Seeking)

### SPD vs ADHD Behaviors

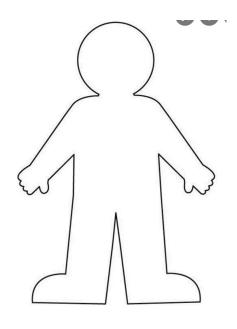
Common Behavior in Both Disorders	SPD Behavior: Sensory-Craving Subtype	ADHD Behavior: Hyperactive/ Impulsive Subtype
Acts impulsively	Can stop impulsive behavior if sensory input is sufficient	Difficulty stopping impulsive behavior regardless of the sensory input
Extraordinarily active	Craves activity that is specifically related to sensory (usually visual and sometimes proprioceptive)	Craves novelty and activity that is not necessarily related to specific sensations
Seems disorganized	Looks more organized after receiving intense sensory input	Does not become more organized after receiving intense sensory input
Impatient and demanding	More patient if given appropriate levels of sensory input while waiting or prior to the activity, not a distraction	Has difficulty waiting, or taking turns. Can wait better when given sensory input to meet the need of constant movement
Lacks self-control	Touches pulls, and/or pokes people or objects: needs more tactile input than most children	Tends to talk all the time, impulsively interrupts: has trouble waiting for a turn in the conversation

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57

# **Explore for Sensory Sensitivities**

Sensory Profile Activity





# Characteristics of Calming and Alerting Sensations

Calming
Slow
Simple
Soothing/relaxing
Soft/mild intensity
Rhythmic

Positive association Predictable

Familiar

Alerting
Quick paced
Complex
Irritating
High intensity
Non-rhythmic

Negative associations

Unpredictable

Novel

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59

#### Glazed over, Shut down, Non responsive When integrating is too much, it stops. ALL SYSTEMS GO HYPO

# Sensory Integration...

Works to change the neurological system in the brain so that the child processes sensory input more effectively.

Over time, the more sensory input the brain receives in a therapeutic way, the better equipped the brain becomes to integrate all the sensory input from a variety of environments.

While sensory integration helps to find a balance in the brain, the child will continue to need a variety of sensory outlets to help stay regulated—just like any well-organized adult. This is why understanding that it is a lifestyle.

Because children have brains that are more plastic than adults, they are still developing and the connections can be changed, the sooner SPD is recognized and services are pursued, the better the outcomes.

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61

# SPD & Speech

Children with SPD: often verbalization is inhibited due to the lack of integration in mind & body.

Speech Disorder: When a person is unable to produce speech sounds correctly or fluently, or has problems with his or her voice

Difficulties pronouncing sounds, articulation disorders, and stuttering are different types of speech disorders Example: Childhood Apraxia of Speech

is a motor speech disorder

They have problems saying sounds, syllables, and words.

The brain has problems planning to move the body parts (e.g., lips, jaw, tongue) needed for speech. The child knows what he or she wants to say, but his/her brain has difficulty coordinating the muscle movements necessary to say those words.

Red Flags:
Delay in talking,
articulation problems,
lisps, inability to move
out to make sounds,
grunts or squeals.

# SPD & Sleep

Red Flags:

Takes a long time to fall asleep, wakes up often throughout the night, does not sleep very long, does "odd" behaviors to fall asleep (head bangs, rocks, etc.), needs someone there to hug them or cuddle them to fall asleep, has a pre-existing sleep disorder.

Almost all children with SPD will have sleep challenges

The brain chemicals that promote typical sleep cycles are at insufficient levels to support typical sleep in a child with SPD

Sleep disorders should be considered in children presenting with irritability, behavioral problems, learning difficulties, and poor academic performance. (American Family Physician, 2014)

Sleep Apnea

Sleep Walking

**Sleep Terrors** 

Nightmares

**Sleep Arousal Disorders** 

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63

# Sleep & Speech Tips for Parents

Evaluation with a Speech

or Occupational

Therapist

Sleep studies to rule out:

apnea

Parasomnias

seizures.

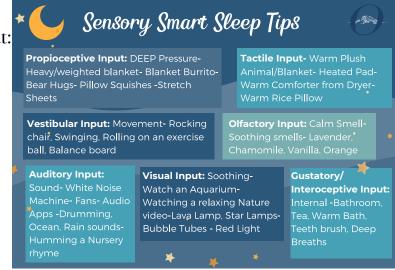
At Home Activities for Sleep:

Deep Pressure

White Noise

Routines

Decreased blue light before bed



### Sensory Issues in Teens & Adults

#### SPD looks like:

- Bothered by clothes, often wears loose or comfortable clothing
- Dislikes touching, struggles to respect others personal boundaries
- "Still" a picky eater
- Overacts to sudden loud noises
- Clumsy, frequent accidents
- Avoidant of sensory stimulation (Couch Surfers) or overly seek it-(Dare Devils)

#### Disrupts life:

- Struggles in workplace, busy or loud environments
- Wearing business attire
- Often considered Anti Social
- Considered High Strung & Difficult
- Panic attacks/Irrational Thoughts & Beliefs
- Depression & Self harm

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65

### Sensory Issues in Teens & Adults

Referring to OT to get
Evaluation to then know how
to focus treatment

Most OT's don't see over 10-12y.

Often likely there is ASD or ADHD

# Engaging the Family

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67

# Develop A Sensory Lifestyle

Includes combination of alerting, organizing, and calming activities SPECIFIC to CHILD'S Sensory Profile

Alerting Activities benefit Under Responsive child (e.g., crunching dry cereal/popcorn/chips/etc.; taking a shower; bouncing on a therapy ball; jumping up and down...)

Organizing Activities assist in regulation of behavioral responses (e.g., chewing granola bars/fruit bars/etc., hanging by hands, pushing or pulling heavy loads, getting in upside-down position)

Calming Activities decrease sensory Over-Responsivity and overstimulation (e.g., sucking a frozen fruit bar/peanut butter/etc., pushing against walls with hands and body, rocking/swaying/swinging, cuddling or back rubbing, taking a bath, etc.)

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# Parents Coping

#### DO:

Build on the child's strengths
Build on child's interests
Suggest small, manageable
goals to strength child's
abilities (and sense of self
efficacy)
Encourage self help skills
Let child engage in appropriate
self therapy (e.g., spinning)
Offer new sensory experiences

#### DON'T:

Compare with other children
Do for your child what she/he
can do for herself/himself
Expect consistency
Make your child do things that
distress him/her
Overload child with multi sensory
experiences
Be afraid of "labeling" your child
Feel helpless

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69

### Support & Understanding

- Understand the difference between a tantrum vs a meltdown
- Touch your child in ways that the child can tolerate and enjoy(teach family)
- Encourage movement(cues)
- Offer your physical and emotional support(Play With)
- Allow your child to experience unhappiness, frustration, or anger
- Provide appropriate outlets for negative emotions
- Reinforce/encourage child's feelings and actions
- Give child a sense of control (PLAY THERAPY!)
- Set reasonable limits-Let expectations go

# Sensory Lifestyle is Forever

It doesn't go away

It is Asynchronistic

Others won't understand

Impact on Sense of Self/Esteem

**Educating Family & Friends** 

Managing in public spaces

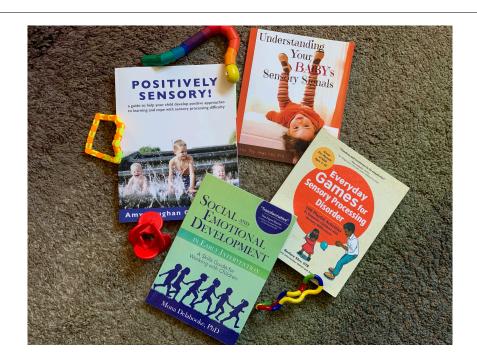
Family Dynamics-immediate & extended

Often requires multiple rounds of Occupational Therapy

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71





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73



# Occupational Therapy

Get to know your local OT's.

Ask if they do sensory evaluations? How young/old do they work with?

Ask about what populations they work with listen for: foster care, ASD, ADHD, birth trauma, medical trauma, OCD, vision and hearing impairments, developmental trauma, motor planning and coordination, DIR floor time.

Coordinate care referrals- letters to PCP with screener and concerns.

PCP's have to provide the referral for OT services because it is a medical referral.

("SPD" Biel & Peske, n.d.)

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75

#### An Occupational Therapy Report

Reason for Referral-Behavioral challenges

List of assessment tools used: Sensory Profile Measure(SPM2),

Adult one is available,

Sensory checklist: Reported and observed,

Results of Assessing tools: noted as to Under or Over,

Discrimination Type

Discussion of results: What is likely to help most, & why

Goals: Achievable for homeostasis by doing....

Recommendations: Treatment plan for sessions, at home, & school. Length of time to expect moderate changes to occur.





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# Sensory Checklist

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#### Sensory Checklist for Identification & Referral Only

#### Signs of Proprioceptive Dysfunction:

- Senice input to the detacles the Joint about loosy position, weight, pressure, street.

  J. Sensory Secking Behaviors:

  seeks out jumping, bumping, and crashing activities.

  sicks his/her feet on floor or chair while sitting at desk/table

  bites or sucks on fingers and/or frequently cracks his/her knuckles

  prefers clothes (and belts, hoods, shoehees) to be as tight as possible

  loves/seeks our "squishing" activities

  enjoys hear hugs; loves to be wrapped in many or weighted blankets

  excessive banging on/with tops and objects

  loves "noughhousing" and tackling/wrestling games

  frequently list on floor intentionally

  would jump on a trampoline for hours on end

  grinds his/her teetch throughout the day

  loves pushing/pulling/dragging objects

  loves jumping off furniture or from high places

  frequently his, bumps or pushes other children

  cheves on pens, straws, shirt sleeves etc.

  2. Difficulty Win' "Grading of Movement":

- Difficulty With "Grading of Movement":
   missudges how much to flex and extend muscles during tasks/activities

- Social:

  prefers playing by self with objects or toys rather than with people
  functions best in small group or individually
  others have a hard time interpreting child's cues, needs, or emotions
  does not seek out connections with familiar people
- difficulty accepting changes in routine (to the point of tantrums)

#### Play: \_\_difficulty with imitative play (over 10 months)

- needs adult guidance to play, difficulty playing independently (over 18 months)

  participates in repetitive play for hours; i.e., lining up toys cars, blocks, watching one movie over and over etc
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### Resources for Sensory Processing

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79

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